



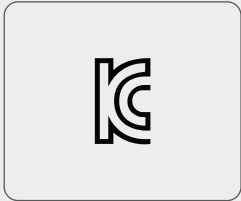
CATALOGUE

LED 20²⁴/₂₅



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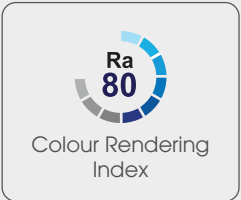
Eye protection
(Standard: IEC 62471)



Environmentally
Friendly and Safe



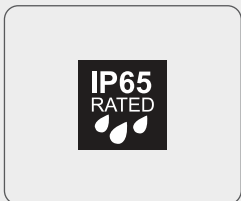
No harmful chemicals



Colour Rendering
Index



FREE



IP65
RATED



Dimmable



Non Dimmable



WARRANTY
2
YEARS
WARRANTY



RoHS



SAMSUNG
LED
Illuminated



Eye protection
(Standard: IEC 62471)

OVERVIEW

- Full Company Name:
RANG DONG LIGHT SOURCE AND VACUUM FLASK JOINT STOCK COMPANY
- Business Company Name: RALACO
- Established: 1961
- Stock Symbol: RAL on HOSE
- Company type: Public
- Business activities:
 - + Manufacturing general lighting products HCL (Human Centric Lighting)
 - + Professional ODM/ OEM services for lighting products
 - + Manufacturing and trading I4.0 products for SmartHome, SmartCity, SmartFarm.
 - + Producing and trading High-tech agriculture lighting, fishery lighting and renewable energy lighting products
 - + Producing and trading Vacuum flasks and household appliances.



Head office and Factory No.1

Located at 87-89 Ha Dinh Str., Thanh Xuan Dist., Hanoi, Vietnam
Area: 57,000 m2



Factory No.2

Located in Que Vo Industrial Zone, Bac Ninh Province
Area: 82,000 m2



Research and Development Centers

- + LED Lighting R&D Center (LRDC)
- + Digital R&D Center (DRDC)
- + Business Model R&D Center (BMRDC)



LED Lighting for cusumers: 100 million units/ year
LED Lighting for professionals: 05 million units/ year
Vacuum Flasks & Glass Refills: 32 million units/ year



<https://rangdong.com.vn>
<https://en.rangdong.com.vn>
<https://vacuumflask.rangdong.com.vn/>



(+84) 24 38 584 310 / 38 584 165



export@rangdong.com.vn / ralaco@rangdong.com.vn



RangDong Vietnam, Vacuum Flask-Rang Dong



Ralacoexport.trustpass.alibaba.com



International
Management
System



Member of ILAC / APLAC MRA

ACCREDITED LABORATORY VILAS 126
(Conformed with requirements of ISO / IEC 17025:2017)

276
Accredited tests

MILESTONE

1958 - THE BEGINNING:
Starting the construction of Factory

1961:
Officially established
(February 24, 1961).

1990:
Starting the 1st renovation period

2004:
Transforming from a state-owned enterprise
to a joint - stock enterprise
Exporting compact fluorescent lamps to EU

2006:
Company stock (RAL) listed on Ho Chi Minh
Stock Exchange (HOSE).
Factory No. 2 in Que Vo Industrial Zone, Bac
Ninh province was on stream

2008:
Successfully producing the first LED lighting
product.

2011:
Establishing Lighting Research &
Development Center (LRDC) with more than
40 scientists and professors

2014:
Establishing LED - Electronic & Lighting
Equipment factory, manufacturing LED lights
on an industrial scale.

2015:
100% state divestment and become a
public company
Ending the 1st renovation period and
starting the 2nd one

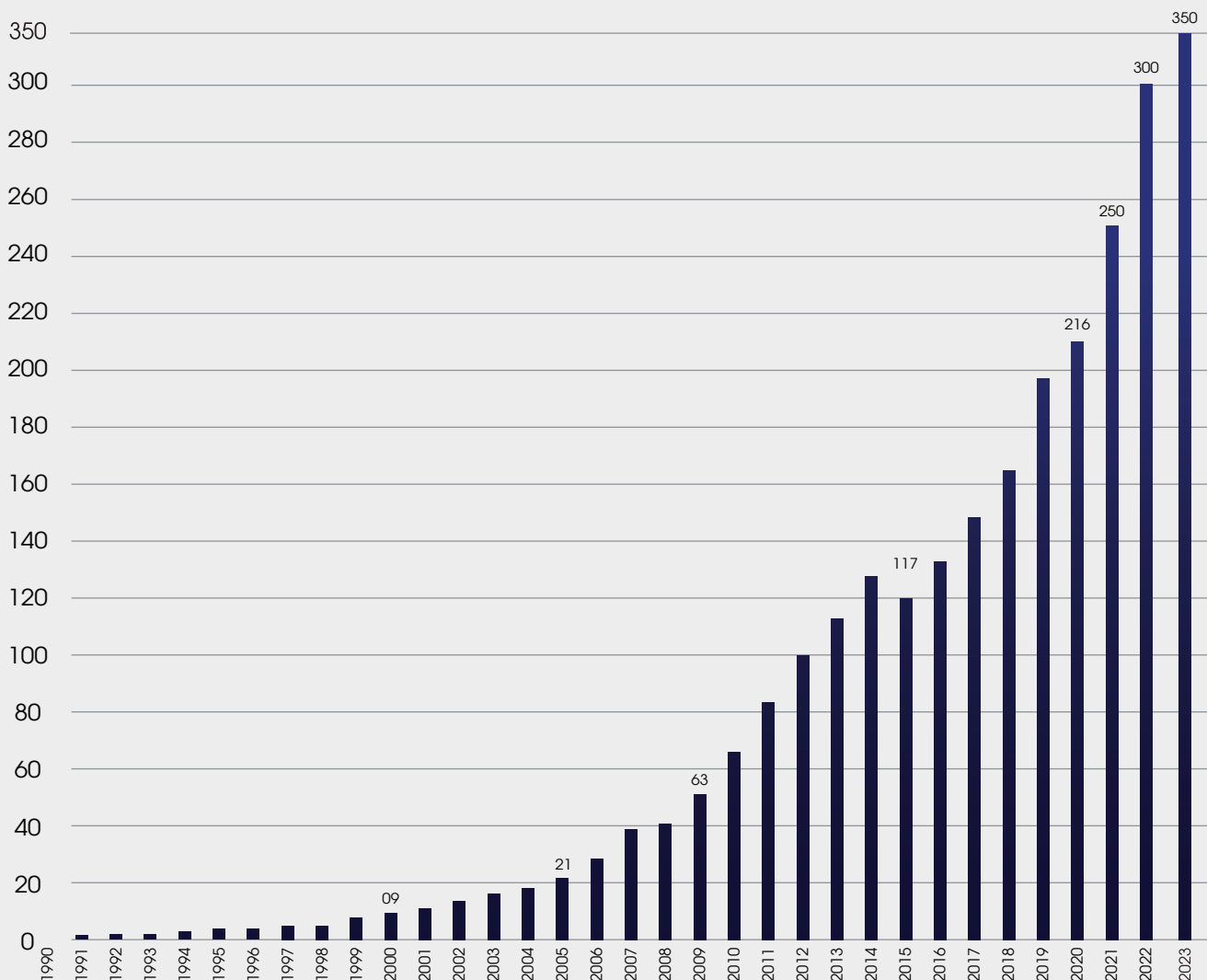
2016:
Signing a strategic cooperation agreement
with Samsung Electronics Co.,Ltd., Korea.

2020:
Establishing Digital Research & Development
Center (DRDC)

2021:
Cooperating with Seoul Semiconductor,
Korea as the strategic partner

BUSINESS PERFORMANCE

SALES REVENUE 2023: **350** MILLION USD



The leading company in the field of Lighting and Vacuum Flask in VietNam

- TOP **500** Vietnam's Largest Companies (10 consecutive years)
- TOP **500** Vietnam's Fastest Growing Companies (6 consecutive years)
- TOP **100** ASEAN Famous Brands 2020
- TOP **50** Best Vietnamese Listed Companies
- TOP **50** Leading Brands in Vietnam
- TOP **50** Typical Creative Enterprises 2021
- TOP **50** Leading Brands in Vietnam
- TOP **10** Vietnam's Golden Brands
- TOP **10** Best Brandname in Vietnam
- TOP **10** Gold Classified Products



RESEARCH
& DEVELOPMENT

INDOOR LIGHTING

PRODUCT FEATURES:

- Voltage: 110/220/100 ÷ 277V
- Frequency: 50/60 Hz
- Power factor: 0.5 ÷ 0.9
- CCT: 3000K/4000K/5000K/5700K/6500K
- Customization available





LED PANEL LIGHT

PRODUCT FEATURE

- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled with excellent performance
- High luminous efficacy of 115 lm/W
- Flicker-free
- CE, KC, KS complied
- A perfect replacement for traditional recessed grille fixture or ceiling lights
- Long lifespan: 25,000 hours, saving the maintenance cost
- Options:
 - + Back-lit/ Edge-lit
 - + Style: T-Bar/ M-Bar/ M-Bar Direct/ Clip Bar
 - + Driver: isolated/ non-isolated

 Voltage: 120/ 220÷240/ 100÷277V

 1-CCT: 3000/ 4000/ 5000/ 5700/ 6500K

 3-CCT changeable (adjust by wall switch)

APPLICATIONS

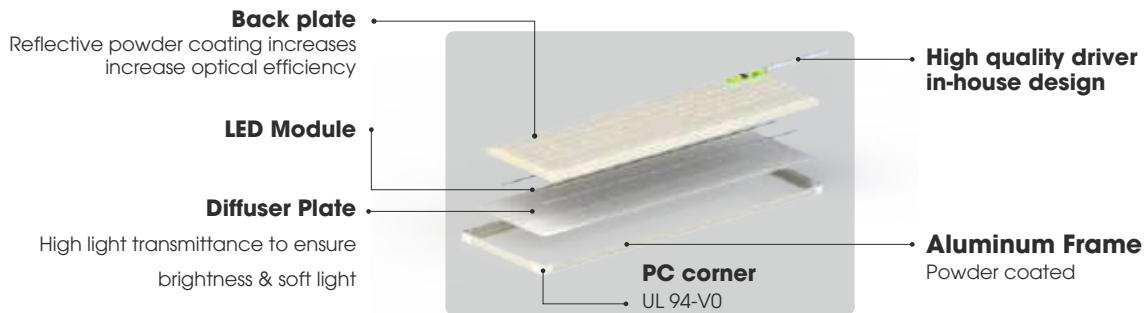
- Homes, offices, showrooms, restaurants, supermarkets, etc.

1-CCT

3-CCT changeable



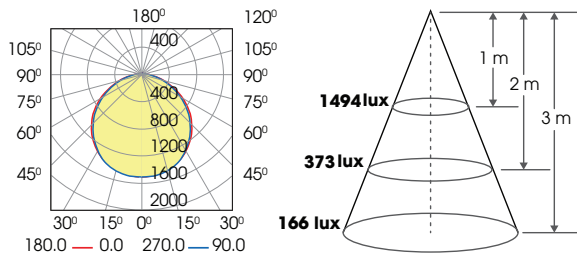
PRODUCT DETAILS



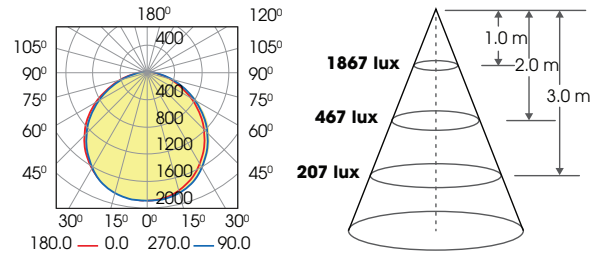
Type	Installation	Options	
M-bar Direct		<p>Step frame, Plastic corner</p>	<p>Flat frame, Plastic corner</p>
		<p>Step frame, Welded corner</p>	<p>Flat frame, Welded corner</p>
M-bar		<p>Step frame, Welded corner</p>	<p>Flat frame, Welded corner</p>
T-bar		<p>Step frame, Welded corner</p>	
		<p>Welded corner</p>	

LUMINOUS INTENSITY DISTRIBUTION

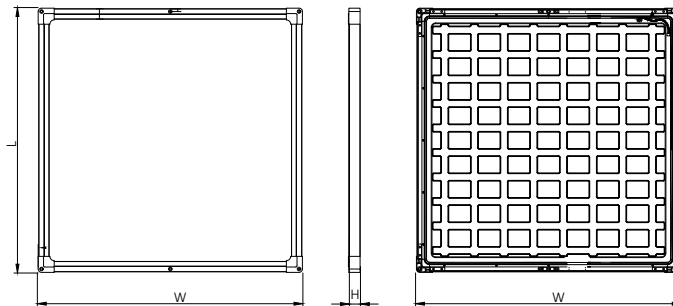
320x1280/640x640_40W



320x1280/640x640_50W



PRODUCT SPECIFICATIONS



Type	Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Market
M-Bar 36/108VDC	P06 M320x640/25W	320x640x33	25	220÷240	0.9	2750	110	3000/4000/5700/6500	100	25,000	
	P06 M320x1280/40W	320x1280x33	40	220÷240	0.9	4400	110	3000/4000/5700/6500	100	25,000	
	P06 M320x1280/50W	320x1280x33	50	220÷240	0.9	5500	110	3000/4000/5700/6500	100	25,000	
	P06 M640x640/40W	640x640x33	40	220÷240	0.9	4400	110	3000/4000/5700/6500	100	25,000	
	P06 M640x640/50W	640x640x33	50	220÷240	0.9	5500	110	3000/4000/5700/6500	100	25,000	
M-Bar direct 36/108VDC	P06 T320x640/25W	320x640x28	25	220÷240	0.9	2750	110	3000/4000/5700/6500	100	25,000	
	P06 T320x1280/40W	320x1280x28	40	220÷240	0.9	4400	110	3000/4000/5700/6500	100	25,000	
	P06 T320x1280/50W	320x1280x28	50	220÷240	0.9	5500	110	3000/4000/5700/6500	100	25,000	
	P06 T640x640/40W	640x640x28	40	220÷240	0.9	4400	110	3000/4000/5700/6500	100	25,000	
	P06 T640x640/50W	640x640x28	50	220÷240	0.9	5500	110	3000/4000/5700/6500	100	25,000	
T-Bar 36/108VDC	P06 P320x640/25W	320x640x32	25	220÷240	0.9	2750	110	3000/4000/5700/6500	100	25,000	
	P06 P320x1280/40W	320x1280x32	40	220÷240	0.9	4400	110	3000/4000/5700/6500	100	25,000	
	P06 P320x1280/50W	320x1280x32	50	220÷240	0.9	5500	110	3000/4000/5700/6500	100	25,000	
	P06 P640x640/40W	640x640x32	40	220÷240	0.9	4400	110	3000/4000/5700/6500	100	25,000	
	P06 P640x640/50W	640x640x32	50	220÷240	0.9	5500	110	3000/4000/5700/6500	100	25,000	
	P06 P600x600/40W	600x600x32	40	220÷240	0.9	4400	110	3000/4000/5700/6500	100	25,000	
	P06 P667x917/50W	667x917x32	50	220÷240	0.9	5500	110	3000/4000/5700/6500	100	25,000	
T-Bar	P06 600x600/50W	600x600x35	50	100÷250	0.9	5500/5900	110/118	3000/4000/5700/6500	100	25,000	
	P06 300x1200/50W	1200x300x35	50	100÷250	0.9	5500/5900	110/118	3000/4000/5700/6500	100	25,000	
	P06 1x4/30W	1x4 (ft)	30	100÷277	0.9	3450	115	4000/5000	100	50,000	
	P06 2x2/30W	2x2 (ft)	30	100÷277	0.9	3450	115	4000/5000	100	50,000	
	P06 2x2/36W	2x2 (ft)	36	100÷277	0.9	4140	115	4000/5000	100	50,000	
	P06 2x4/36W	2x4 (ft)	36	100÷277	0.9	4140	115	4000/5000	100	50,000	
	P06 2x2/40W	2x2 (ft)	40	100÷277	0.9	4600	115	4000/5000	100	50,000	
	P06 2x4/45W	2x4 (ft)	45	100÷277	0.9	5175	115	4000/5000	100	50,000	



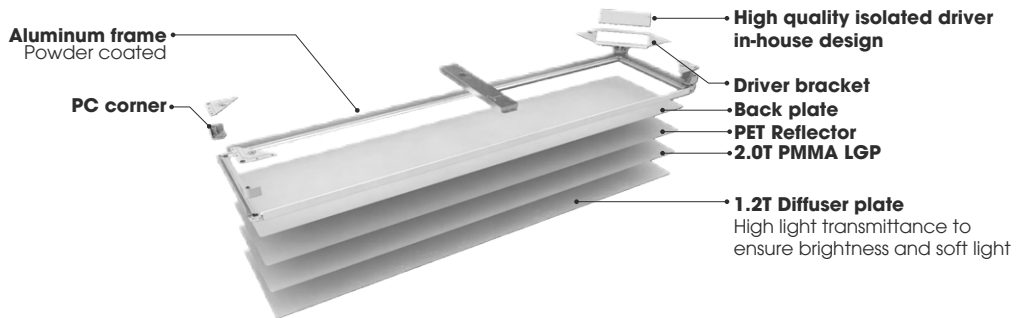
1-CCT



3-CCT changeable



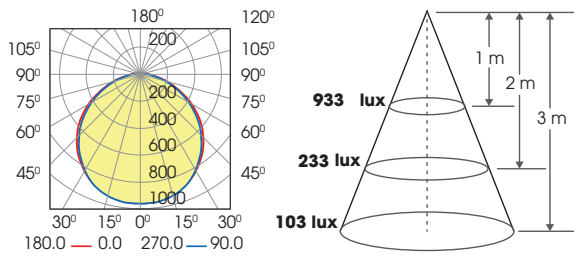
PRODUCT DETAILS



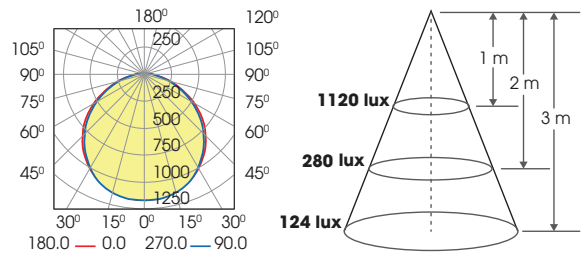
Type	Installation	Options	Bracket
M-bar Direct		 Step frame, plastic corner	 Driver bracket
T-Bar		 Flat frame, plastic corner	 Center bracket without driver
Clip Bar		 Step frame, Welded corner	 Center bracket with driver

LUMINOUS INTENSITY DISTRIBUTION

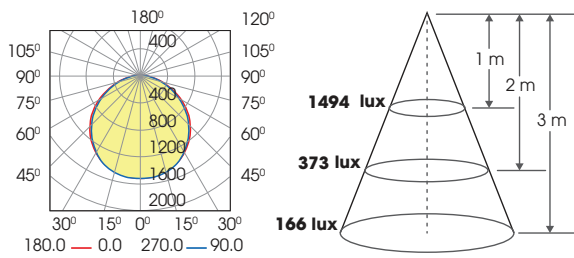
180x640/ 320x640_25W



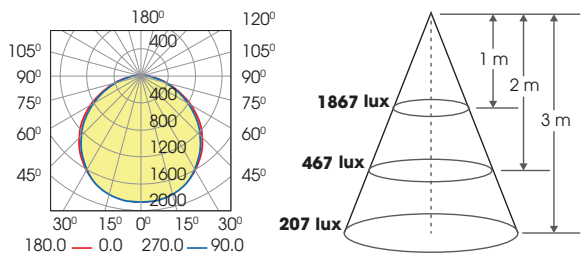
320x750/ 180x950_30W



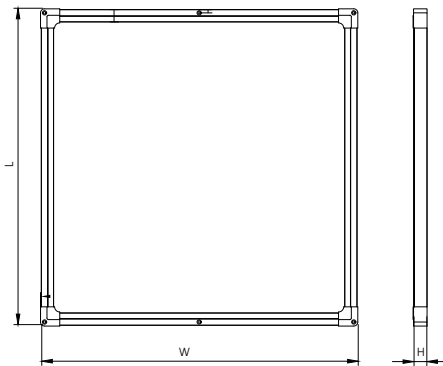
180x1280/ 520x520_40W



320x1280/ 640x640_50W



PRODUCT SPECIFICATIONS



Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Market
P01 320x640/25W	320x640X28	25	220÷240	0.9	2750	110	3000/4000/5700/6500	110	25,000	
P01 180x640/25W	180x640X28	25	220÷240	0.9	2750	110	3000/4000/5700/6500	110	25,000	
P01 180x1280/40W	180x1280X28	40	220÷240	0.9	4400	110	3000/4000/5700/6500	110	25,000	
P01 520x520/40W	520x520X28	40	220÷240	0.9	4400	110	3000/4000/5700/6500	110	25,000	
P01 640x640/50W	640x640X28	50	220÷240	0.9	5500	110	3000/4000/5700/6500	110	25,000	
P01 320x1280/50W	320x1280X28	50	220÷240	0.9	5500	110	3000/4000/5700/6500	110	25,000	
P08 300x1200/50W	1200x300x10	50	120/ 220÷240/ 100÷277	0.9	5000/5250	110/115	3000/4000/5000/5700/6500	110	25,000	
P08.600x600/50W	600x600x10	50	120/ 220÷240/ 100÷277	0.9	5000/5200	110/115	3000/4000/5000/5700/6500	110	25,000	
P08.600x1200/100W	1200x600x10	100	120/ 220÷240/ 100÷277	0.9	11000/11500	110/115	3000/4000/5000/5700/6500	110	25,000	

1-CCT

3-CCT changeable



P06.URG19.V



P06.URG19.T

PRODUCT DETAILS

Aluminum frame

Optical lenses

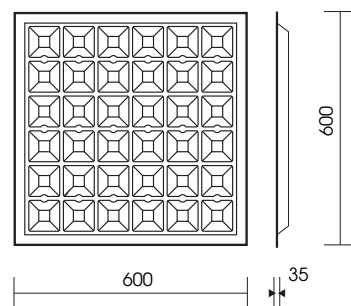
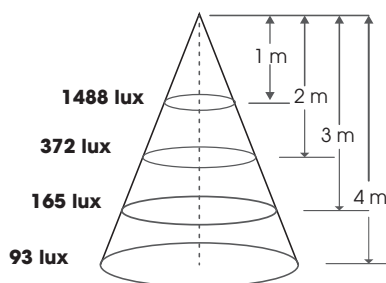
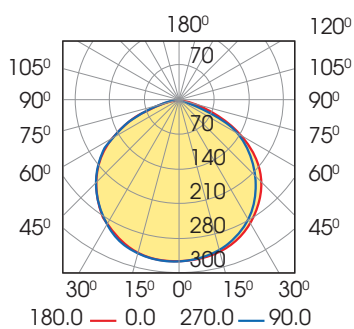
LED package



Nanophase plastic reflector

Bottom plate
Stamped steel with electrostatic paint

LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH / øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)
P06.URG19.V 600x600/50W	600x600x35	50	120/220÷240/100÷277	0.5/0.9	5000/5500	100/110	3000/4000/6500	100	30,000
P06.URG19.T 600x600/50W	600x600x35	50	120/220÷240/100÷277	0.5/0.9	5000/5500	100/110	3000/4000/6500	100	30,000



Not Chemicals



Environmentally
Friendly and Safe





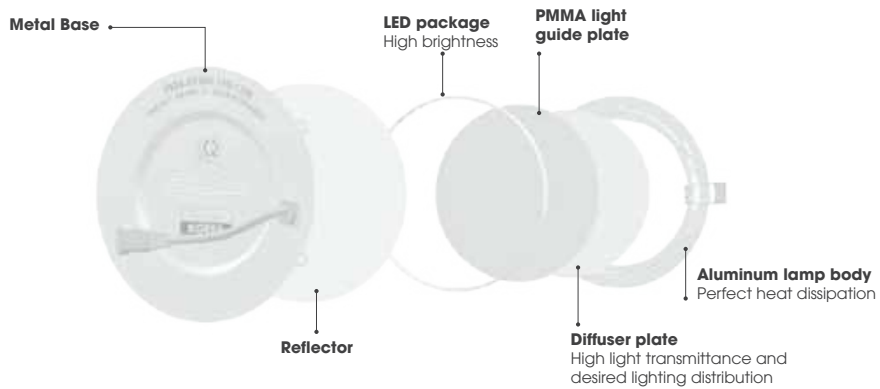
1-CCT



3-CCT changeable

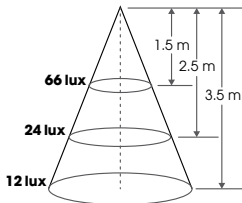
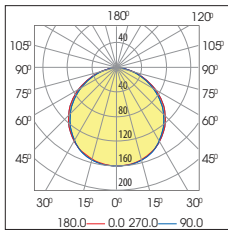


PRODUCT DETAILS

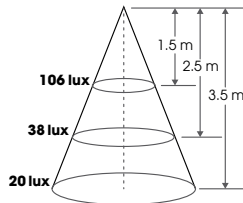
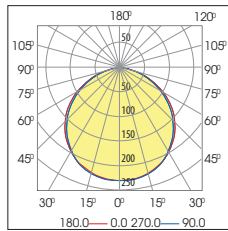


LUMINOUS INTENSITY DISTRIBUTION

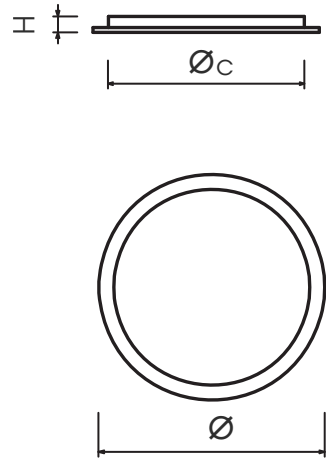
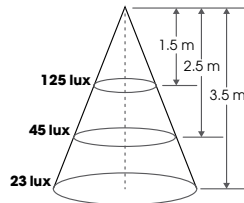
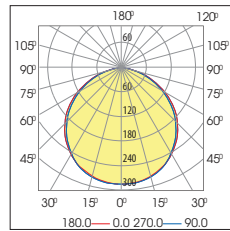
PT04.V2 7W



PT04.V2 9W



PT04.V2 12W



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Cut out (mm)
PT04.V2 90/7W	104x10	7	120/ 220÷240/ 100÷277	0.5/0.9	500	71	3000/4000/5000/5700/6500	110	25,000	90
PT04.V2 110/7W	122x10	7	120/ 220÷240/ 100÷277	0.5/0.9	550	78	3000/4000/5000/5700/6500	110	25,000	110
PT04.V2 110/9W	122x10	9	120/ 220÷240/ 100÷277	0.5/0.9	700	77	3000/4000/5000/5700/6500	110	25,000	110
PT04.V2 135/9W	147x10	9	120/ 220÷240/ 100÷277	0.5/0.9	800	88	3000/4000/5000/5700/6500	110	25,000	135
PT04.V2 135/12W	147x10	12	120/ 220÷240/ 100÷277	0.5/0.9	1000	83	3000/4000/5000/5700/6500	110	25,000	135

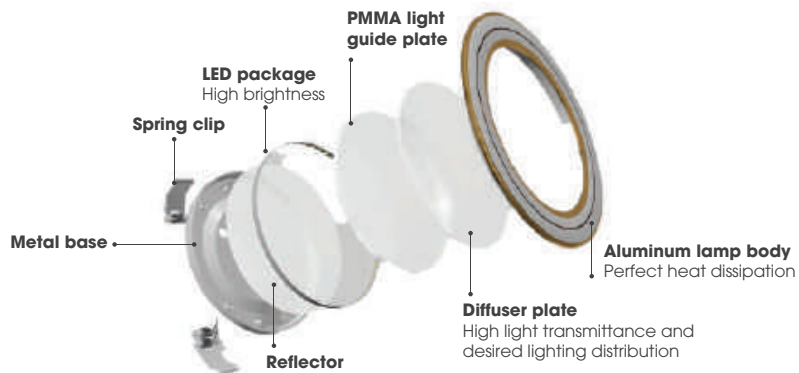


1-CCT

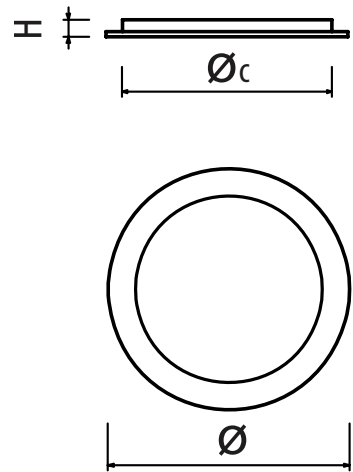
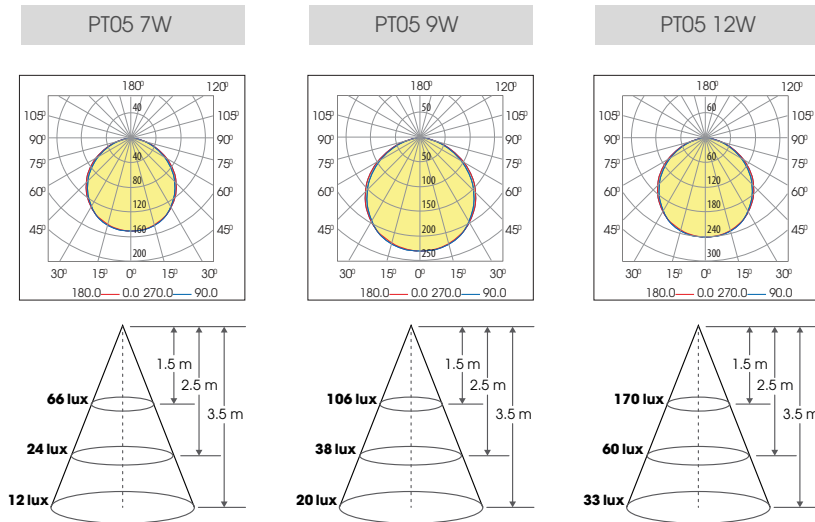
3-CCT changeable



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Cut out (mm)
PT05 90/7W	104x10	7	120/ 220÷240/ 100÷277	0.5/0.9	500	71	3000/4000/5000/5700/6500	110	25,000	90
PT05 110/9W	122x10	9	120/ 220÷240/ 100÷277	0.5/0.9	700	77	3000/4000/5000/5700/6500	110	25,000	110
PT05 135/9W	147x10	9	120/ 220÷240/ 100÷277	0.5/0.9	800	88	3000/4000/5000/5700/6500	110	25,000	135
PT05 135/12W	147x10	12	120/ 220÷240/ 100÷277	0.5/0.9	1000	83	3000/4000/5000/5700/6500	110	25,000	135



LED CEILING LIGHT & LED HOME LIGHTING

PRODUCT FEATURE

- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled with excellent performance
- LEDs with optical lens to ensure an evenly distributed beam of light
- Metal housing with perfect heat dissipation
- PMMA cover with high lighting transmittance and desired lighting distribution
- Flicker-free
- CE, KC complied
- Long lifespan: 25,000 hours, saving the maintenance cost
- Options:

 1-CCT

 3-CCT changeable (adjust by wall switch)

APPLICATIONS

- Homes, offices, corridors, aisles, supermarkets, shopping malls, exhibition halls, etc.



1-CCT



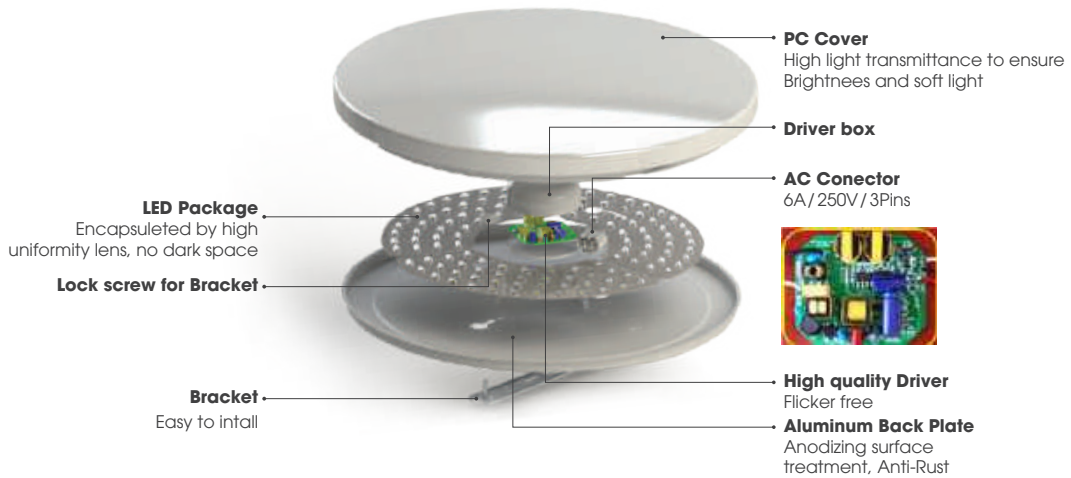
3-CCT changeable



Remote Control



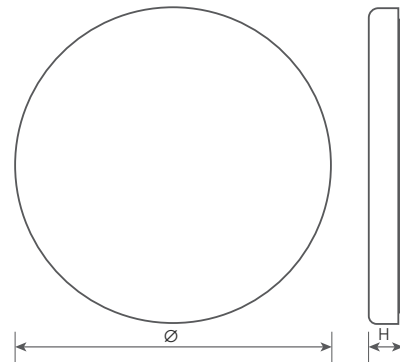
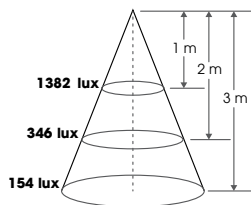
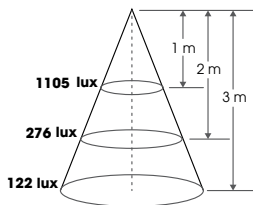
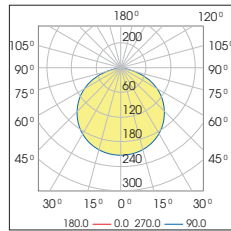
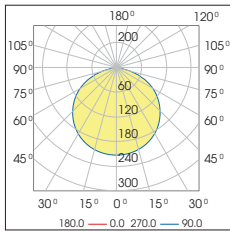
PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION

CL 450/50W

CL 550/60W



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Market
CL 450/50W	450x100	50	120/ 220÷240/ 100÷277	0.9	4500	90	3000/5700/6500	120	25,000	
CL 550/60W	550x100	60	120/ 220÷240/ 100÷277	0.9	5400	90	3000/5700/6500	120	25,000	
CL 450/50W.CCT	450x100	50	120/ 220÷240/ 100÷277	0.9	4500	90	3000-4000-6500	120	25,000	
CL 550/60W.CCT	550x100	60	120/ 220÷240/ 100÷277	0.9	5400	90	3000-4000-6500	120	25,000	
CL 450/50W.IR	450x100	50	120/ 220÷240/ 100÷277	0.9	4500	90	3000-4000-6500	120	25,000	
CL 550/60W.IR	550x100	60	120/ 220÷240/ 100÷277	0.9	5400	90	3000-4000-6500	120	25,000	



Not Chemicals



Environmentally Friendly and Safe

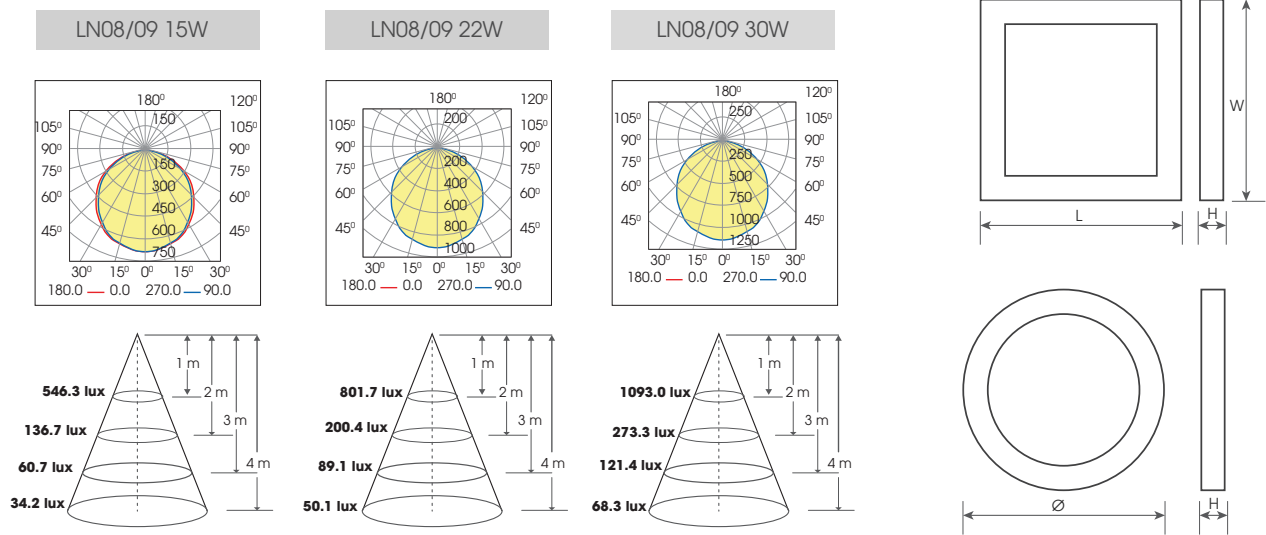




LN08 15W/22W/30W

LN09 15W/22W/30W

LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH/øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Lifespan (hrs)
LN08 170x170/15W	158x158x29	15	120/220÷240/100÷277	0.5/0.9	1425	95	3000/4000/5000/5700/6500	20,000
LN08 220x220/22W	208x208x29	22	120/220÷240/100÷277	0.5/0.9	2090	95	3000/4000/5000/5700/6500	20,000
LN08 300x300/30W	280x280x29	30	120/220÷240/100÷277	0.5/0.9	2850	95	3000/4000/5000/5700/6500	20,000
LN09 170/15W	158x29	15	120/220÷240/100÷277	0.5/0.9	1425	95	3000/4000/5000/5700/6500	20,000
LN09 220/22W	208x29	22	120/220÷240/100÷277	0.5/0.9	2090	95	3000/4000/5000/5700/6500	20,000
LN09 300/30W	282x29	30	120/220÷240/100÷277	0.5/0.9	2850	95	3000/4000/5000/5700/6500	20,000



Not Chemicals



Environmentally Friendly and Safe

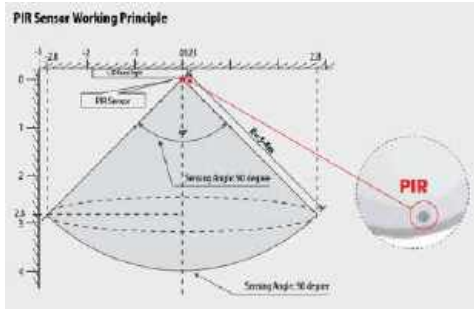




1-CCT



PIR/LIGHT SENSOR



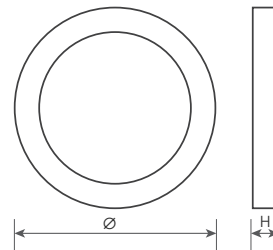
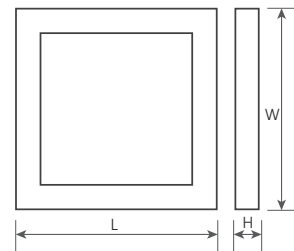
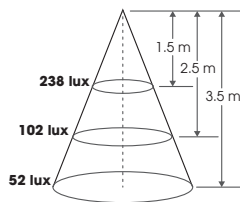
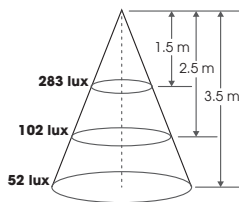
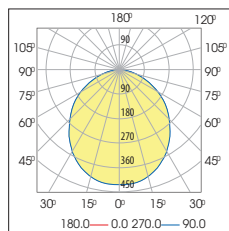
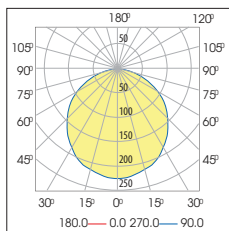
LN10 220x220/18W

LN11 220/18W

LUMINOUS INTENSITY DISTRIBUTION

LN10 220x220/18W

LN11 220/18W



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH/øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Lifespan (hrs)	Market
LN10 220x220/18W	220x220x18	18	120/ 220÷240/ 100÷277	0.5/0.9	1500	83	3000/4000/5000/5700/6500	25,000	
LN11 220/18W	220x18	18	120/ 220÷240/ 100÷277	0.5/0.9	1500	83	3000/4000/5000/5700/6500	25,000	



Not Chemicals



Environmentally Friendly and Safe





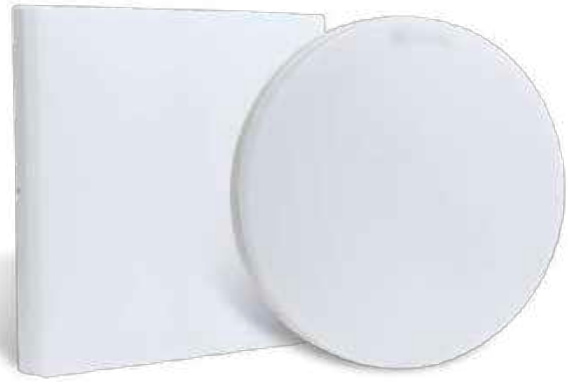
1-CCT



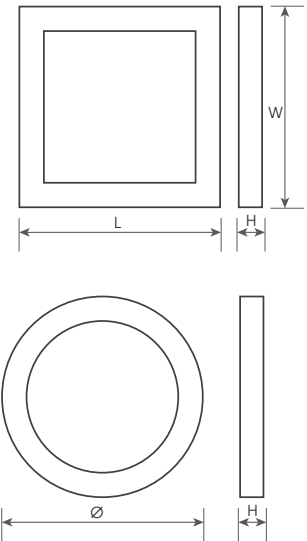
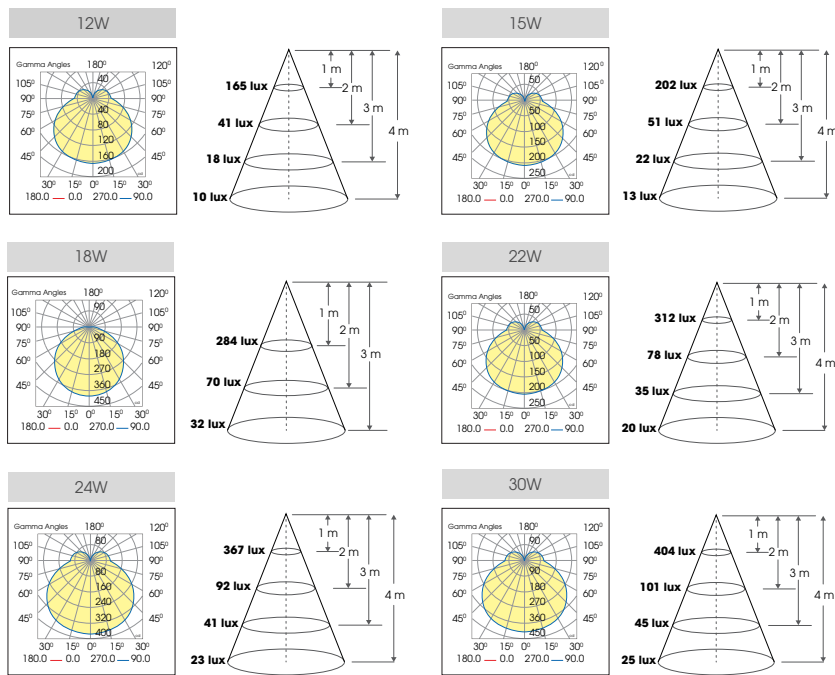
3-CCT changeable



RADA SENSOR



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH/øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Lifespan (hrs)	Material
LN12N 170x170/12W	160x160x41	12	120/ 220÷240/ 100÷277	0.5/0.9	900	75	3000/4000/5000/ 5700/6500	25,000	ABS Plastic
LN12N 220x220/18W	220x220x41	18	120/ 220÷240/ 100÷277	0.5/0.9	1100	61	3000/4000/5000/ 5700/6500	25,000	ABS Plastic
LN12N 300x300/24W	300x300x41	24	120/ 220÷240/ 100÷277	0.5/0.9	2000	83	3000/4000/5000/ 5700/6500	25,000	ABS Plastic
LN12N 170/12W	160x41	12	120/ 220÷240/ 100÷277	0.5/0.9	900	75	3000/4000/5000/ 5700/6500	25,000	ABS Plastic
LN12N 220/18W	220x41	18	120/ 220÷240/ 100÷277	0.5/0.9	1100	61	3000/4000/5000/ 5700/6500	25,000	ABS Plastic
LN12N 300/24W	300x41	24	120/ 220÷240/ 100÷277	0.5/0.9	2000	83	3000/4000/5000/ 5700/6500	25,000	ABS Plastic
LN12 170x170/15W	160x160x36	15	120/ 220÷240/ 100÷277	0.5/0.9	1100	73	3000/4000/5000/ 5700/6500	30,000	Die-Cast Aluminum
LN12 220x220/22W	220x220x36	22	120/ 220÷240/ 100÷277	0.5/0.9	1700	77	3000/4000/5000/ 5700/6500	30,000	Die-Cast Aluminum
LN12 300x300/30W	300x300x36	30	120/ 220÷240/ 100÷277	0.5/0.9	2200	73	3000/4000/5000/ 5700/6500	30,000	Die-Cast Aluminum
LN12 170/15W	160x36	15	120/ 220÷240/ 100÷277	0.5/0.9	1100	73	3000/4000/5000/ 5700/6500	30,000	Die-Cast Aluminum
LN12 220/22W	220x36	22	120/ 220÷240/ 100÷277	0.5/0.9	1700	77	3000/4000/5000/ 5700/6500	30,000	Die-Cast Aluminum
LN12 300/30W	300x36	30	120/ 220÷240/ 100÷277	0.5/0.9	2200	73	3000/4000/5000/ 5700/6500	30,000	Die-Cast Aluminum





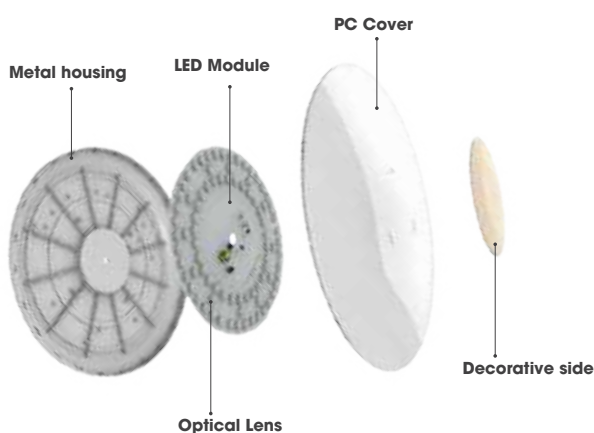
3-CCT changeable



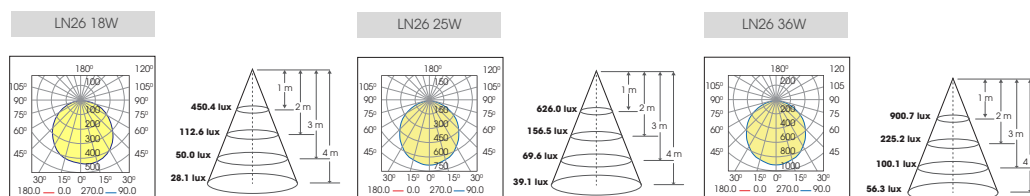
PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Lifespan (hrs)
LN16 DM 480/40W	480x86	40	120/ 220÷240/ 100÷277	0.5/0.9	2800	70	3000-4000-6500	25,000

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Lifespan (hrs)
LN26 250/18W	230x44	18	120/ 220÷240/ 100÷277	0.5/0.9	1330	74	3000/4000/5000/5700/6500	25,000
LN26 300/25W	292x44	25	120/ 220÷240/ 100÷277	0.5/0.9	1850	74	3000/4000/5000/5700/6500	25,000
LN26 DM 360/36W	360x50	26	120/ 220÷240/ 100÷277	0.5/0.9	2660	74	3000-4000-6500	25,000

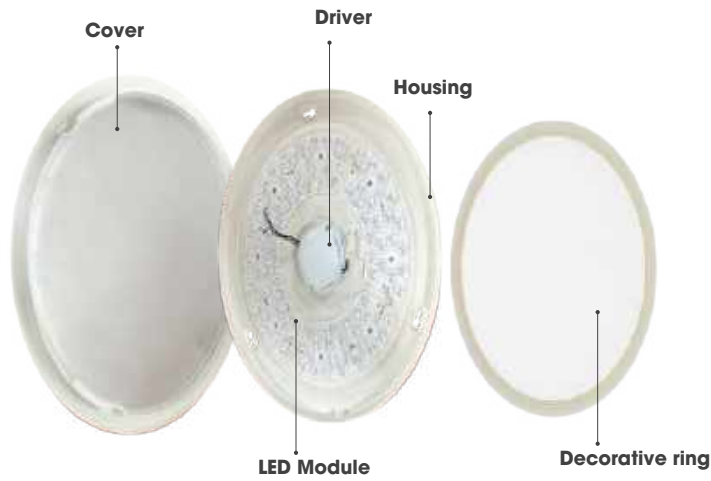


Not Chemicals

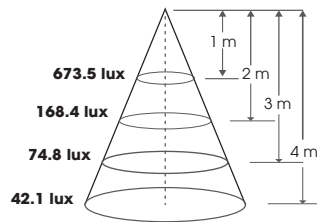
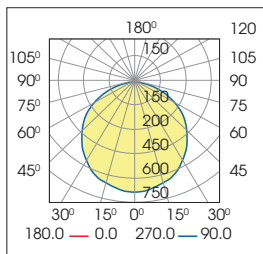
Environmentally
Friendly and Safe



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI	Lifespan (hrs)
LN28 DM 400/40W	400X70	40	120/ 220÷240/ 100÷277	0.5/0.9	2800	70	3000-4000-6500	80	30,000



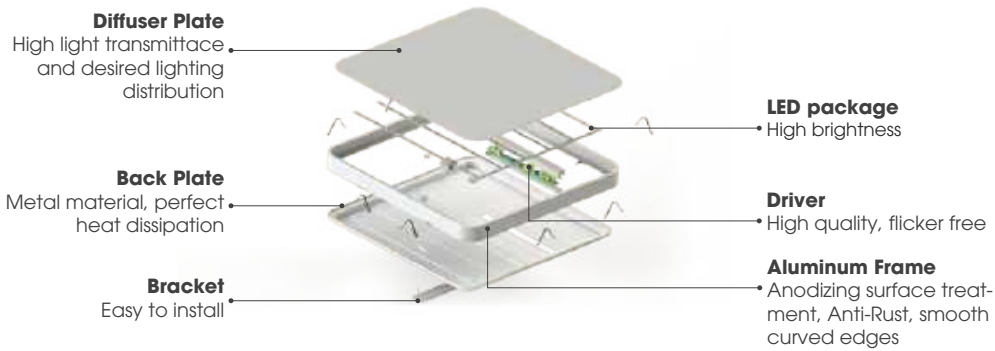
1-CCT



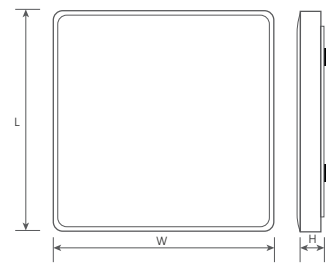
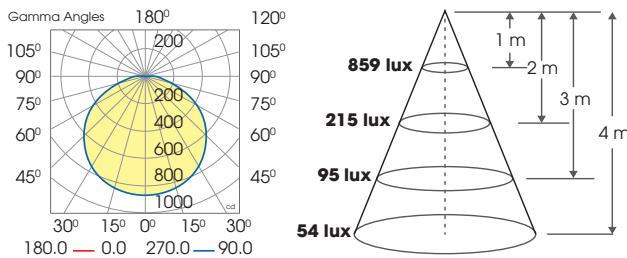
3-CCT changeable



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Market
HL 500x500/50W	500x500x70	50	120/ 220÷240/ 100÷277	0.9	4500	90	3000/5700/6500	110	25,000	
HL 500x500/50W.CCT	500x500x70	50	120/ 220÷240/ 100÷277	0.9	4500	90	3000-4000-6500	110	25,000	
HL 540x540/50W	540x540x47	50	120/ 220÷240/ 100÷277	0.9	4500	90	3000/5700/6500	110	25,000	
HL 540x540/50W.CCT	540x540x47	50	120/ 220÷240/ 100÷277	0.9	4500	90	3000-4000-6500	110	25,000	



Not Chemicals



Environmentally Friendly and Safe





LED PARKING LOT LIGHT

PRODUCT FEATURE

- Premium-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled with excellent performance
- High efficacy up to 150 lm/W
- Aluminum housing with perfect heat dissipation
- PC cover with high lighting transmittance and desired lighting distribution
- Curved light-emitting surface to improve overall light uniformity
- CE, KC complied
- Long lifespan: 25,000 hours, saving the maintenance cost
- Options:
 - + Integrated with a PIR sensor/ Light sensor/ Radar sensor
 - + Smart control: Users can freely adjust the brightness and response time of the lights individually or by group thanks to the built-in sensor and Rang Dong's smart app

APPLICATIONS

- Parking lots, subways, commercial buildings
- Entryways, hallways, outdoor lighting
- Warehouses, factories, gymnasiums, etc.

PKL01



PKL02

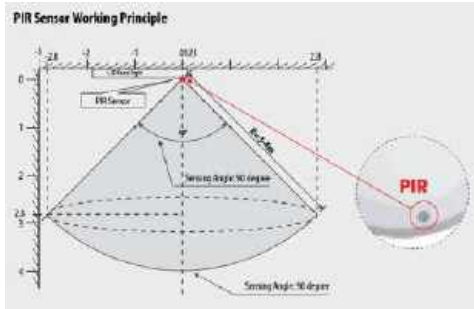




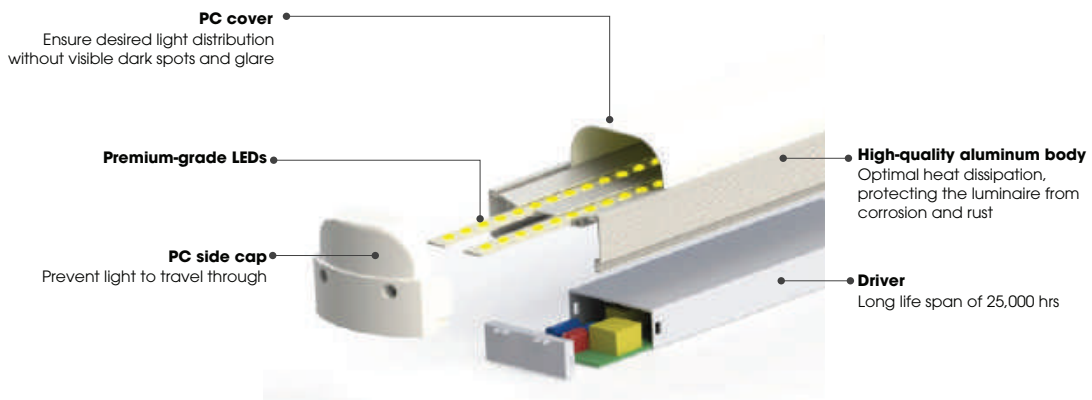
1-CCT



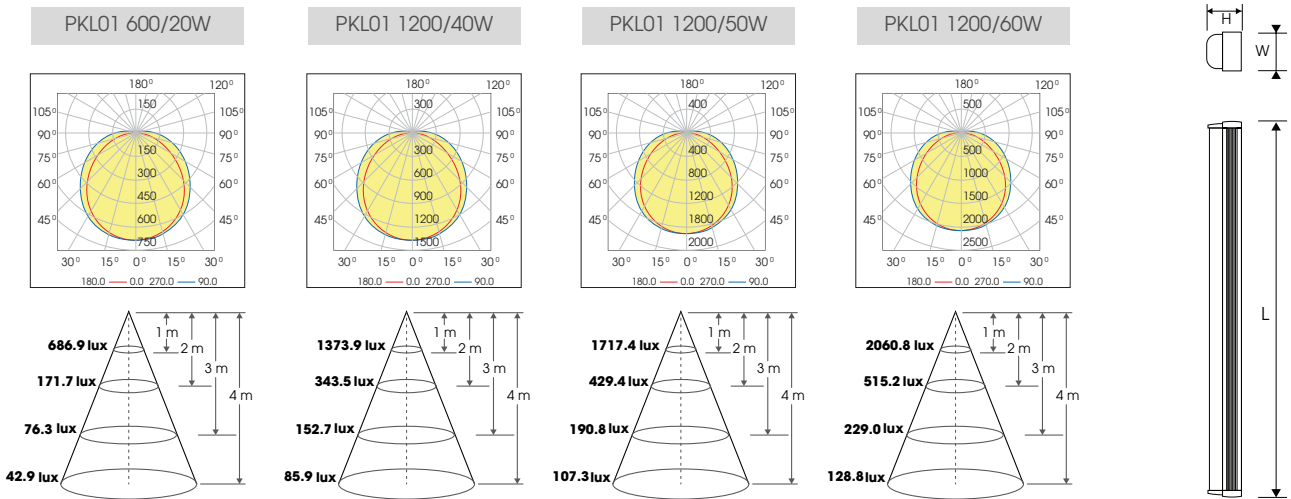
PIR/LIGHT SENSOR



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Market
PKL01 300/10W	300x58x46	10	120/ 220÷240/ 100÷277	0.9	900/1100	90/110	3000/4000/5000/5700/6500	120	25,000	
PKL01 600/20W	600x58x46	20	120/ 220÷240/ 100÷277	0.9	1800/2200	90/110	3000/4000/5000/5700/6500	120	25,000	
PKL01 1200/40W	1200x58x46	40	120/ 220÷240/ 100÷277	0.9	3600/4400	90/110	3000/4000/5000/5700/6500	120	25,000	
PKL01 1200/50W	1200x58x46	50	120/ 220÷240/ 100÷277	0.9	4500/5500	90/110	3000/4000/5000/5700/6500	120	25,000	
PKL01 1200/60W	1200x58x46	60	120/ 220÷240/ 100÷277	0.9	5400/6600	90/110	3000/4000/5000/5700/6500	120	25,000	

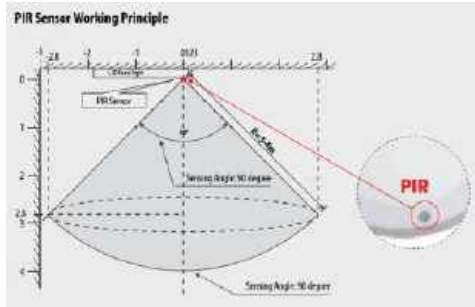


Not Chemicals



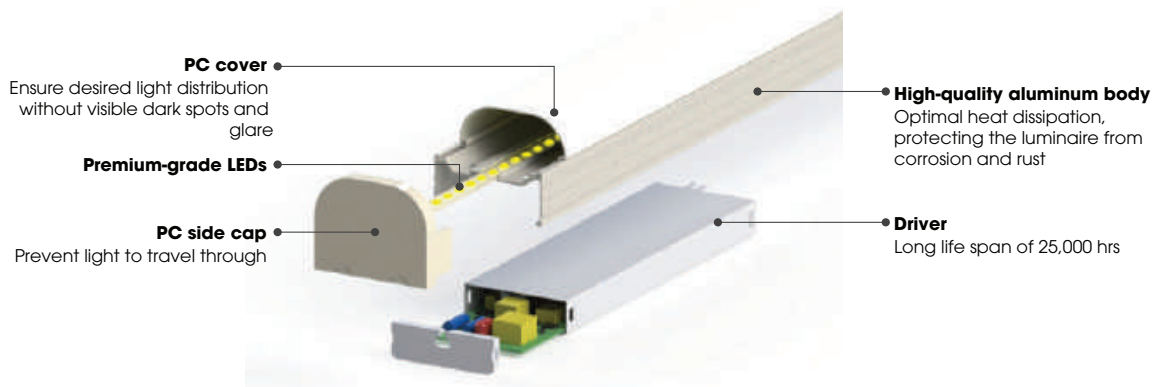
Environmentally Friendly and Safe



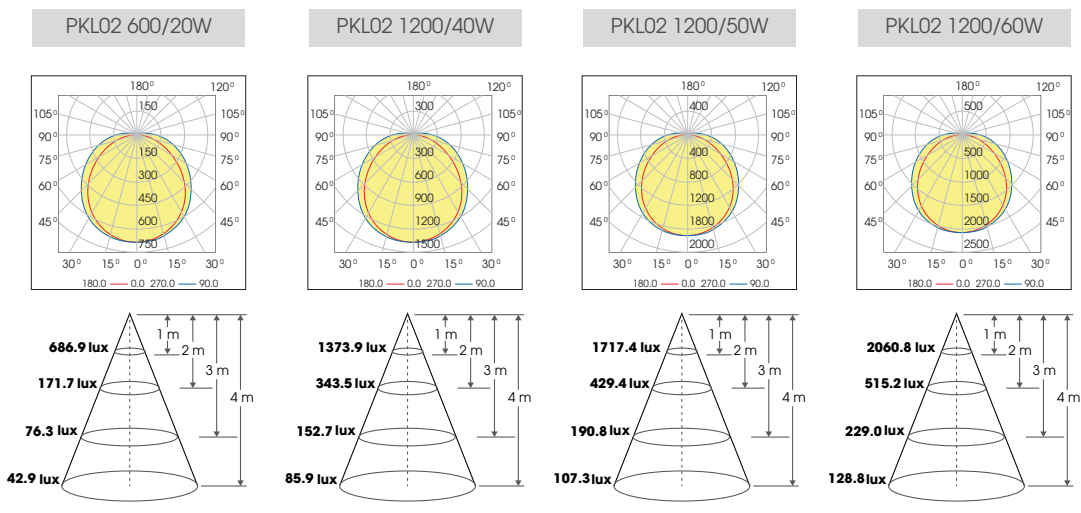


PKL02 PARKING LOT LIGHT

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Market
PKL02 600/20W	600x58x46	20	120/ 220÷240/ 100÷277	0.9	1800/2200	90/110	3000/4000/5000/5700/6500	120	25,000	
PKL02 1200/40W	1200x58x46	40	120/ 220÷240/ 100÷277	0.9	3600/4400	90/110	3000/4000/5000/5700/6500	120	25,000	
PKL02 1200/50W	1200x58x46	50	120/ 220÷240/ 100÷277	0.9	4500/5500	90/110	3000/4000/5000/5700/6500	120	25,000	
PKL02 1200/60W	1200x58x46	60	120/ 220÷240/ 100÷277	0.9	5400/6600	90/110	3000/4000/5000/5700/6500	120	25,000	





LED BATTEN LIGHT

PRODUCT FEATURE

- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled with excellent performance
- High efficacy up to 110 lm/W
- Aluminum housing (anodizing or electrostatic powder coating) with perfect heat dissipation
- PC cover with high lighting transmittance and desired lighting distribution
- Curved light-emitting surface to improve overall light uniformity
- CE, KC complied
- Long lifespan up to 30,000 hours, saving the maintenance cost
- Options:



1-CCT



3-CCT changeable (adjust by wall switch)



Integrated with a Radar sensor

APPLICATIONS

- Offices, shopping malls, factories, workshops, parking lots, etc.



1-CCT



3-CCT changeable

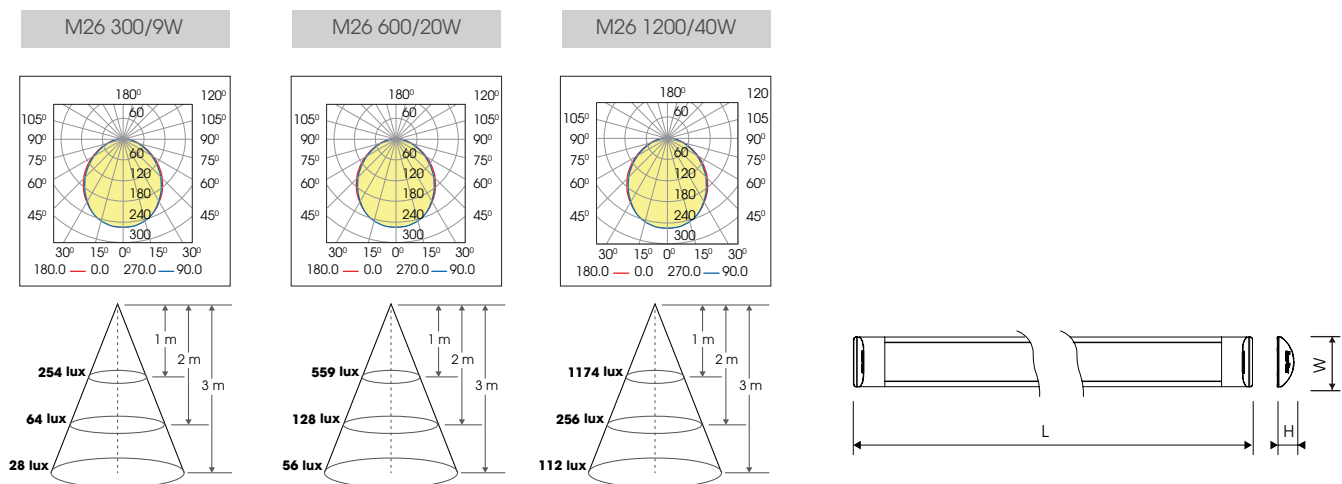


M16 - M26 BATTEN LIGHT

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Market
M16 600/18W	600x75x25	18	220÷240	0.9	1620	90	3000/5700/6500	120	25,000	🇰🇷
M16 1200/36W	1200x75x25	36	220÷240	0.9	3240	90	3000/5700/6500	120	25,000	🇰🇷
M26 300/9W	300x75x25	9	120/ 220÷240/ 100÷277	0.5/0.9	700/750	77/83	3000/4000/5000/5700/6500	120	25,000	
M26 600/25W	600x75x25	25	120/ 220÷240/ 100÷277	0.5/0.9	2625/2875	105/115	3000/4000/5000/5700/6500	120	35,000	
M26 1200/50W	1200x75x25	50	120/ 220÷240/ 100÷277	0.5/0.9	5250/5750	105/115	3000/4000/5000/5700/6500	120	35,000	
M26.DM 1200/40W	1200x75x25	40	120/ 220÷240/ 100÷277	0.5/0.9	3960/4400	100/110	3000-4000-6500	120	25,000	

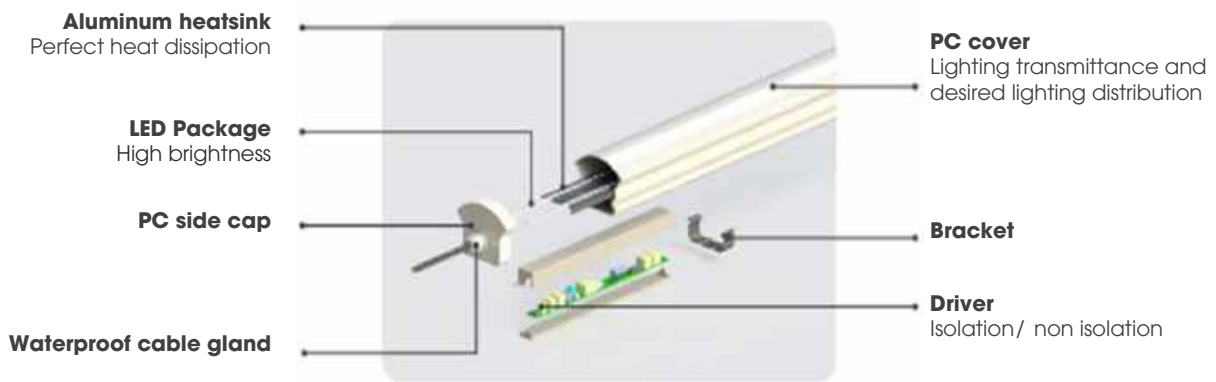


M28.V2

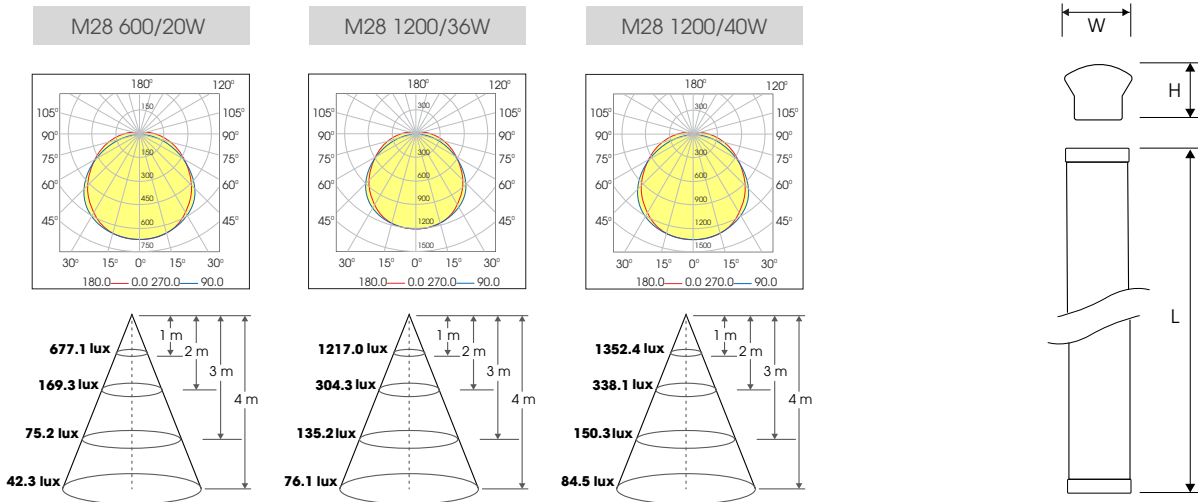
M28



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Market
M28 1200/36W	1235x120x145	36	120/ 220±240/ 100±277	0.5/0.9	3960	110	3000/4000/5000/5700/6500	120	30,000	🇰🇷
M28.V2 600/20W	581x74x 56	20	120/ 220±240/ 100±277	0.5/0.9	2200	110	3000/4000/5000/5700/6500	120	30,000	🇰🇷
M28.V2 1200/40W	1181x74x 56	40	120/ 220±240/ 100±277	0.5/0.9	4400	110	3000/4000/5000/5700/6500	120	30,000	🇰🇷



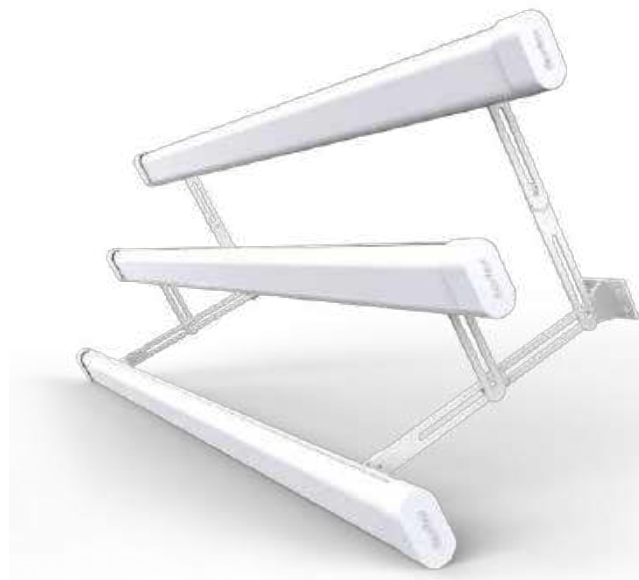
1-CCT



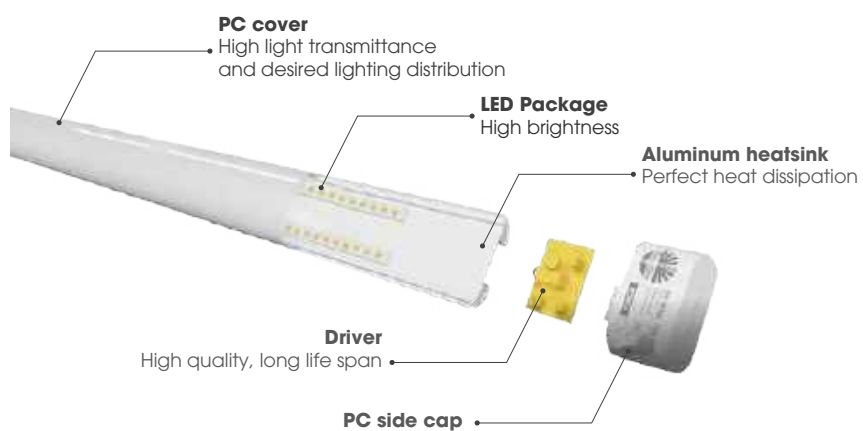
3-CCT changeable



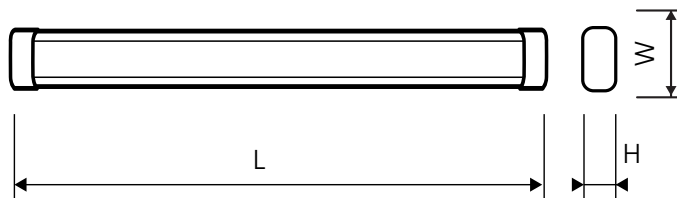
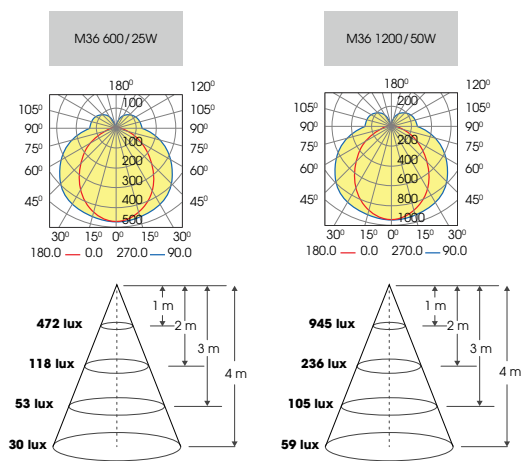
RADAR SENSOR



PRODUCT DETAILS

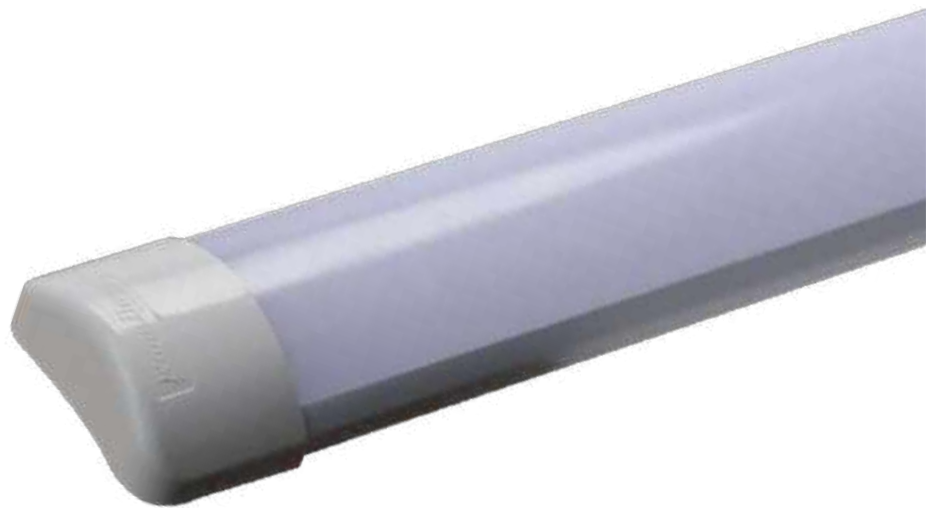


LUMINOUS INTENSITY DISTRIBUTION

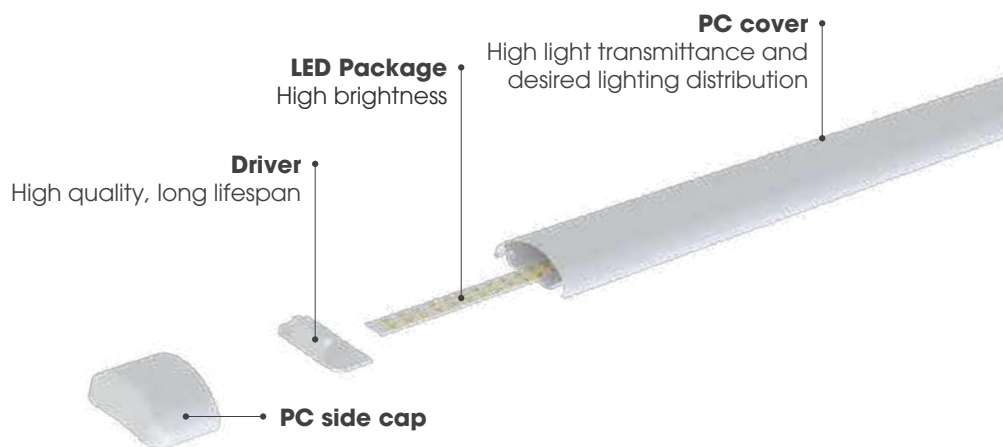


PRODUCT SPECIFICATIONS

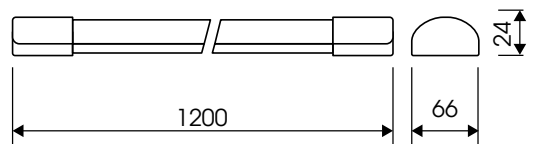
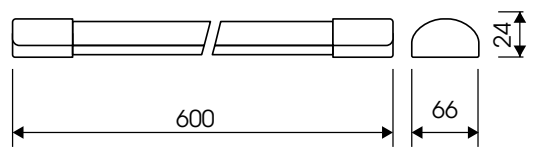
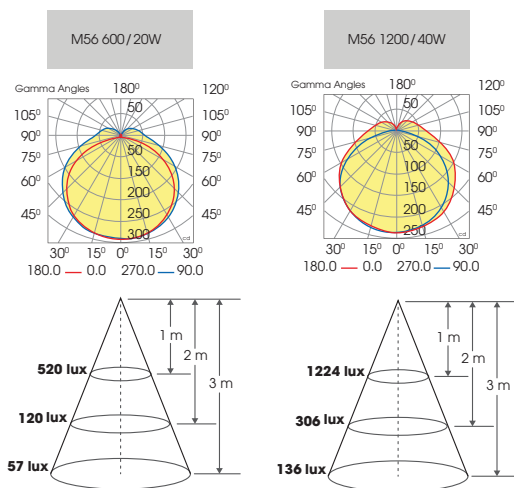
Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)
M36 600/25W	600x60x32	25	120/ 220÷240/ 100÷277	0.5/0.9	2625/2875	105/115	3000/4000/5000/5700/6500	120	35,000
M36 1200/50W	1200x60x32	50	120/ 220÷240/ 100÷277	0.5/0.9	5250/5750	105/115	3000/4000/5000/5700/6500	120	35,000
M36.DM 1200/40W	1200x60x32	40	120/ 220÷240/ 100÷277	0.5/0.9	4000/4400	100/110	3000-4000-6500	120	25,000



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION

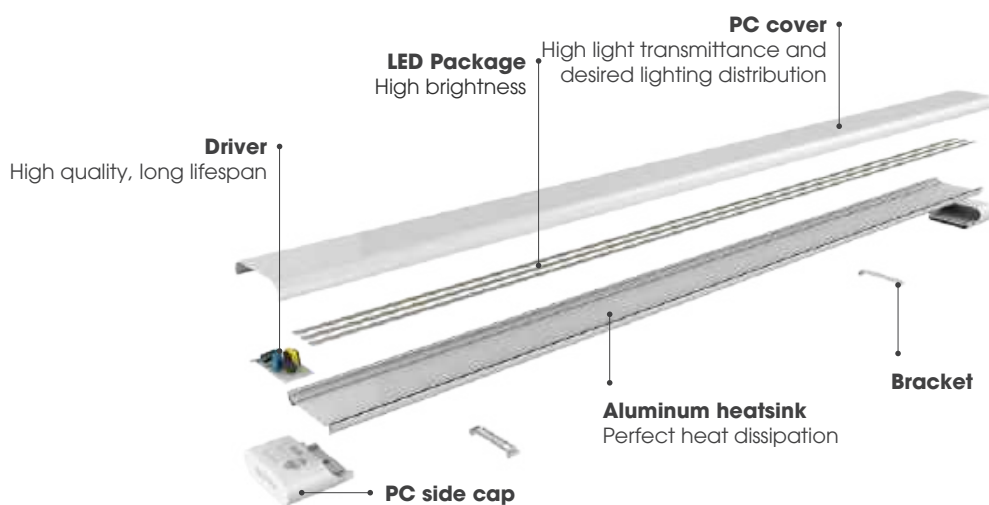


PRODUCT SPECIFICATIONS

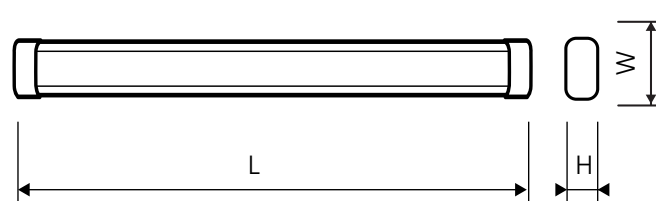
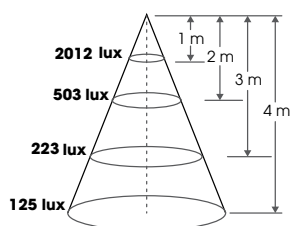
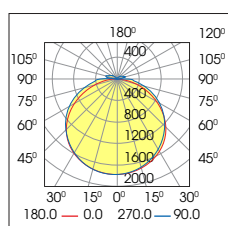
Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Lifespan (hrs)
M56 600/20W	600x66x24	20	120/ 220÷240/ 100÷277	0.5/0.9	2000/2200	100/ 110	3000/4000/5000/5700/6500	25,000
M56 1200/40W	1200x66x24	40	120/ 220÷240/ 100÷277	0.5/0.9	4000/4400	100/ 110	3000/4000/5000/5700/6500	25,000



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)
M66 1200/60W	1200x86x30	60	120/ 220÷240/ 100÷277	0.5/0.9	6000/6600	100/110	3000/4000/5000/5700/6500	120	30,000



Not Chemicals



Environmentally Friendly and Safe





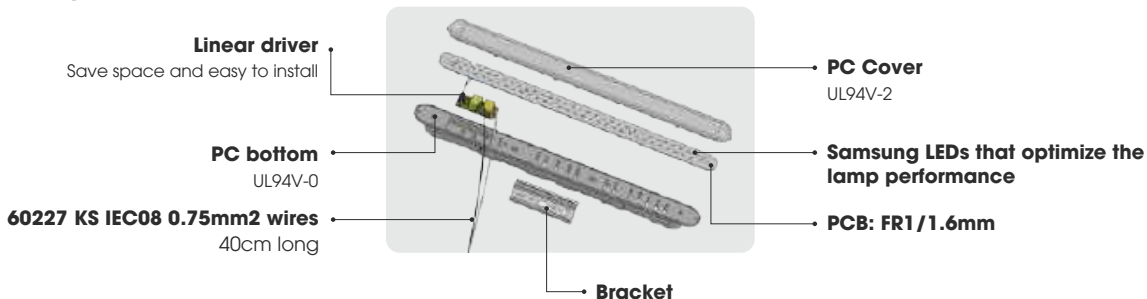
CI01 30W/50W



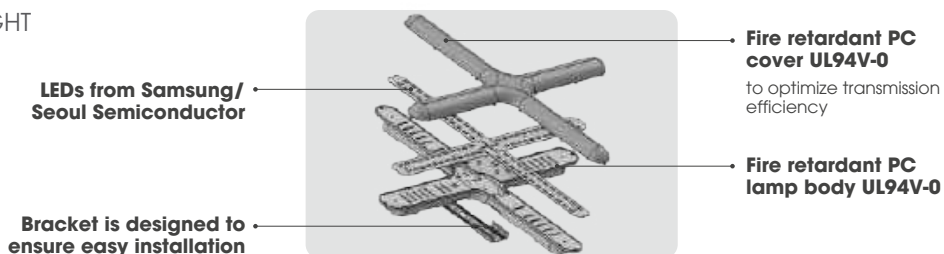
CX01 50W

PRODUCT DETAILS

LINEAR LIGHT



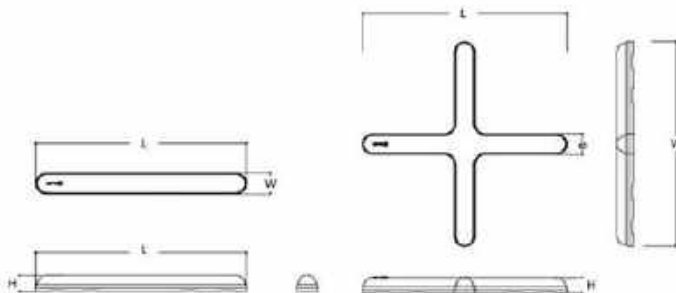
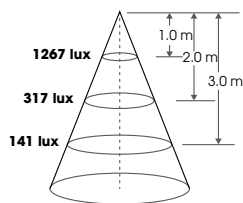
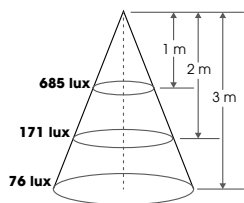
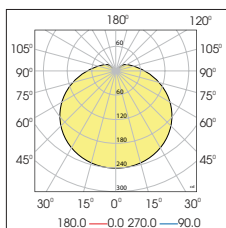
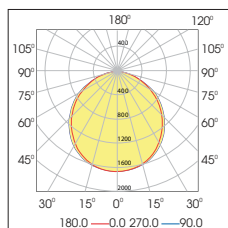
CROSS LIGHT



LUMINOUS INTENSITY DISTRIBUTION

CI01 30W

CX01 50W



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Market
CI01 600/30W	600x60x50	30	120/ 220÷240/ 100÷277	0.5/0.9	2300	60	3000/4000/5000/5700/6500	120	25,000	
CI01 900/50W	900x60x50	50	120/ 220÷240/ 100÷277	0.5/0.9	3000	76	3000/4000/5000/5700/6500	120	25,000	
CX01 600x600/ 50W	600x600x50	50	120/ 220÷240/ 100÷277	0.5/0.9	3900/4300	86	3000/4000/5000/5700/6500	120	25,000	



Not Chemicals



Environmentally Friendly and Safe



LUMINOUS INTENSITY DISTRIBUTION



CA01/20Wx1

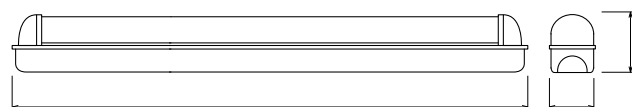
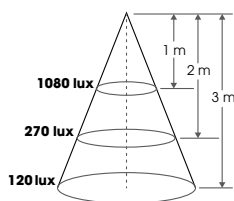
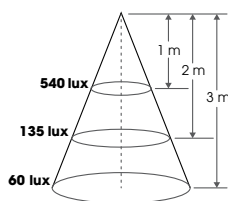
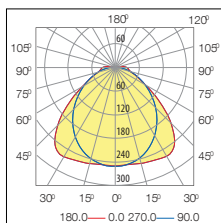
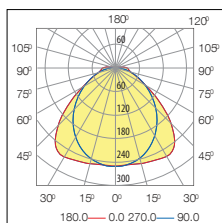


CA01/20Wx2



CA01/20Wx1

CA01/20Wx2



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)
T8 CA01 / 20Wx1	1260x80x93	20	120/ 220÷240/ 100÷277	0.5/0.9	2200	110	3000/4000/5000/5700/6500	180	30,000
T8 CA01 / 20Wx2	1260x120x93	40	120/ 220÷240/ 100÷277	0.5/0.9	4400	110	3000/4000/5000/5700/6500	180	30,000
T8 CA01 TT01 / 20Wx1	1260x80x93	20	120/ 220÷240/ 100÷277	0.5/0.9	2300	115	3000/4000/5000/5700/6500	180	30,000
T8 CA01 TT01 / 20Wx2	1260x120x93	40	120/ 220÷240/ 100÷277	0.5/0.9	4600	115	3000/4000/5000/5700/6500	180	30,000



PRODUCT SPECIFICATIONS

Model	Power (W)	Length (mm)	Frequency (Hz)	Voltage (V)	CCT (K)	Lifespan (hrs)
LD01 DM 1000/9W	9W/1m	50000÷100000	50÷60	150÷250	6500-4000-3000	25,000
LD01.V2.BL 1000/7W	7W/1m	50000÷100000	50÷60	150÷250	Blue	25,000
LD01.V2.RE 1000/7W	7W/1m	50000÷100000	50÷60	150÷250	Red	25,000
LD03 1000/7W	7W/1m	50000÷100000	50÷60	150÷250	3000/4000/6500	25,000
LD03 1000/9W	9W/1m	50000÷100000	50÷60	150÷250	3000/4000/6500	25,000



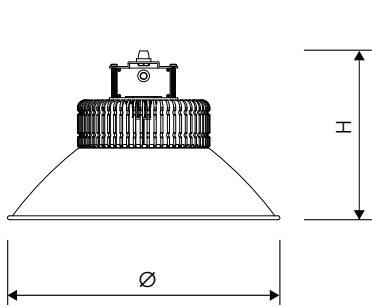
LED HIGH BAY LIGHT

PRODUCT FEATURE

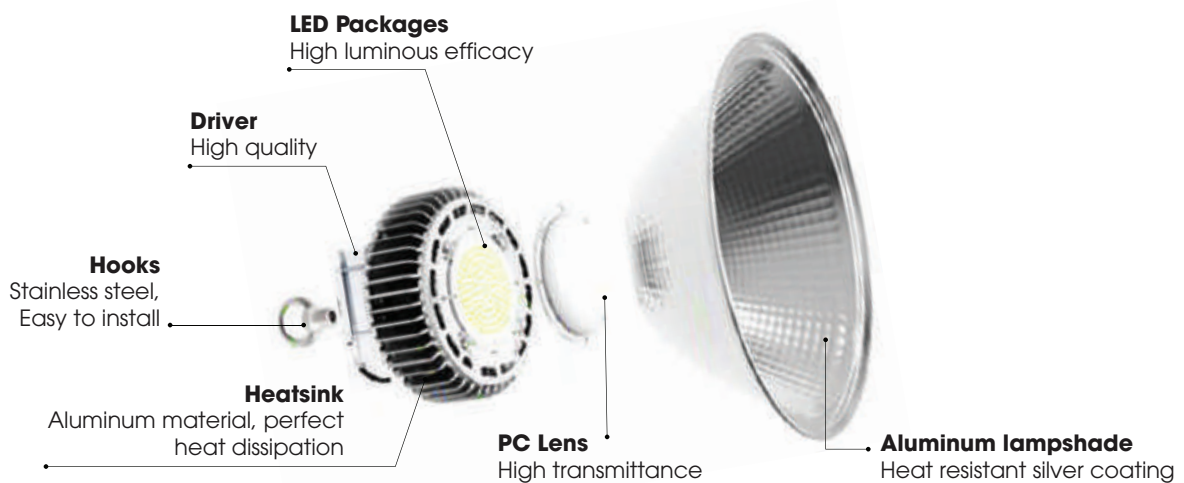
- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled and driver designed by Rang Dong with excellent performance
- High efficacy up to 140 lm/W
- CE, KC complied
- Long lifespan: 25,000 ÷ 50,000 hours, saving the maintenance cost
- Options:
 - + Voltage: 120/ 220÷240/ 100÷277V
 - + Driver: isolated/ non-isolated
 - + Pure aluminum/ Die-cast aluminum fin heatsink design with perfect heat dissipation

APPLICATIONS

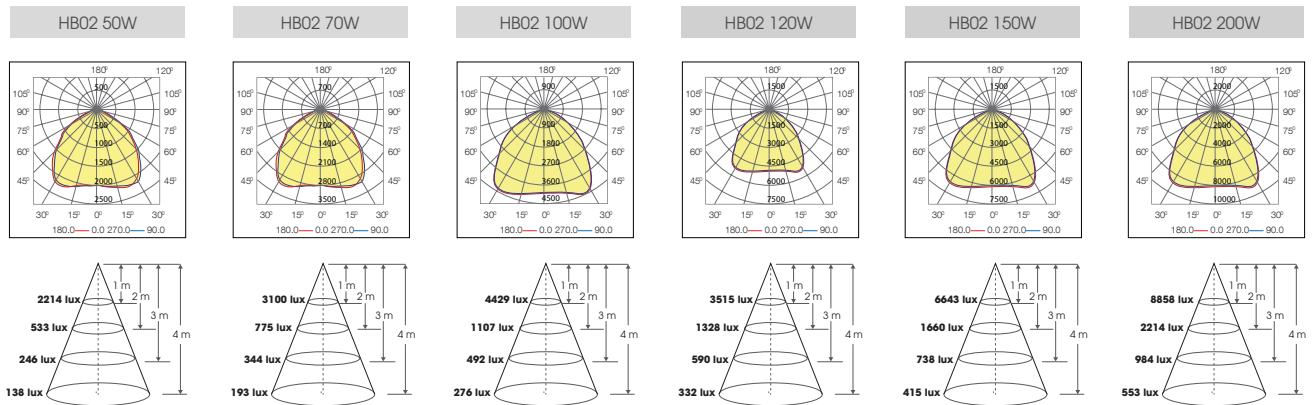
- Factories, storages, playgrounds, large precincts, etc.



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION

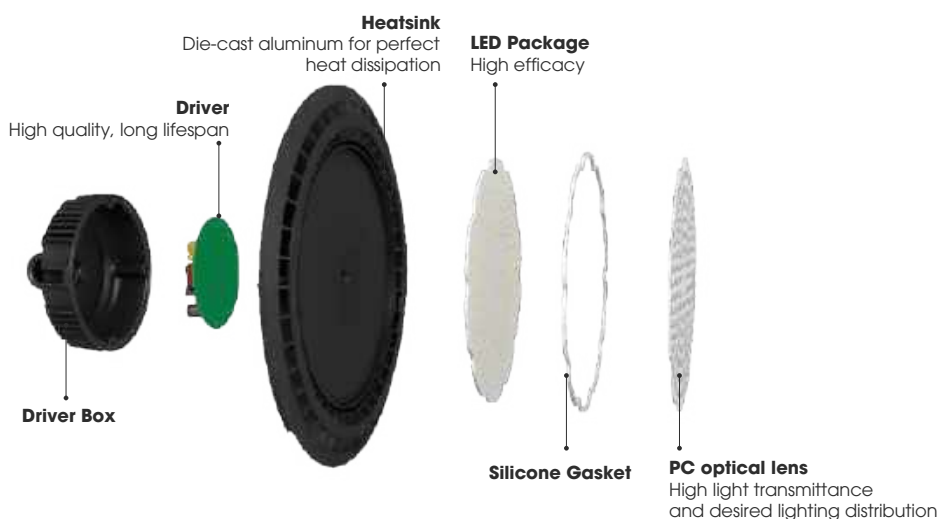


PRODUCT SPECIFICATIONS

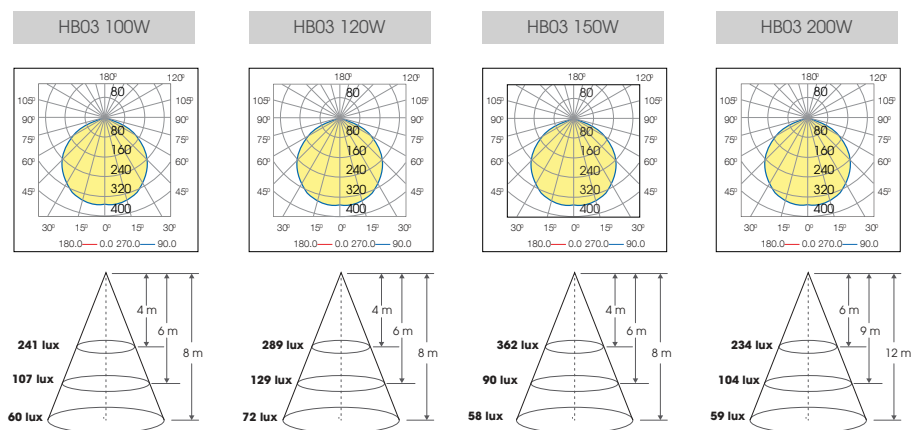
Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)
HB02 350/50W	350x240	50	120/ 220÷240/ 100÷277	0.9	5000/5250	100/ 105	3000/5000/6500	90	25,000
HB02 350/70W	350x240	70	120/ 220÷240/ 100÷277	0.9	7000/7350	100/ 105	3000/5000/6500	90	25,000
HB02 430/100W	450x280	100	120/ 220÷240/ 100÷277	0.9	10000/10500	100/ 105	3000/5000/6500	90	25,000
HB02 430/120W	450x280	120	120/ 220÷240/ 100÷277	0.9	12000/12600	100/ 105	3000/5000/6500	90	25,000
HB02 430/150W	450x280	150	120/ 220÷240/ 100÷277	0.9	15000/15750	100/ 105	3000/5000/6500	90	25,000
HB02 500/200W	490x350	200	120/ 220÷240/ 100÷277	0.95	20000/21000	100/ 105	3000/5000/6500	90	25,000



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

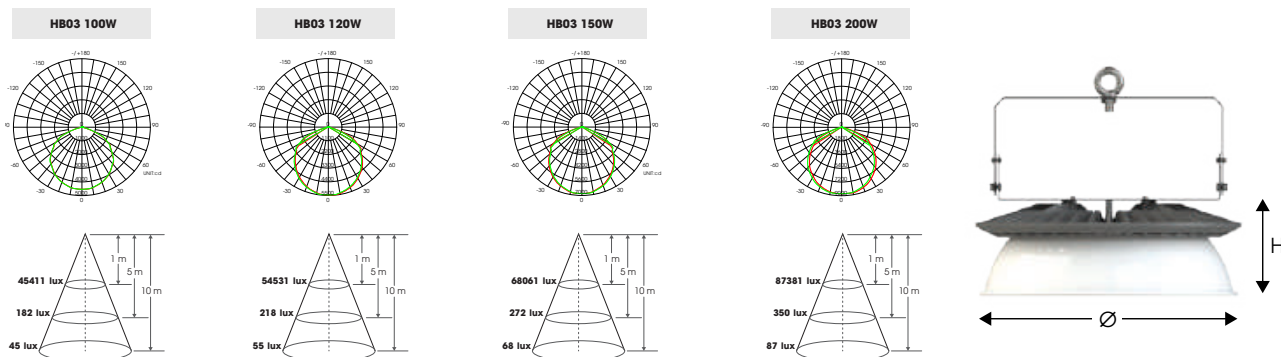
Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)
HB03 290/100W	290x160	100	120/ 220÷240/ 100÷277	0.9	12000/13000	120/130	3000/4000/6500	90	30,000/50,000
HB03 350/120W	345x160	120	120/ 220÷240/ 100÷277	0.9	14400/15600	120/130	3000/4000/6500	90	30,000/50,000
HB03 350/150W	345x160	150	120/ 220÷240/ 100÷277	0.9	18000/19500	120/130	3000/4000/6500	90	30,000/50,000
HB03 390/200W	390x160	200	120/ 220÷240/ 100÷277	0.9	24000/26000	120/130	3000/4000/6500	90	30,000/50,000
HB03 390/250W	395x160	250	120/ 220÷240/ 100÷277	0.95	30000/32500	120/130	3000/4000/6500	90	30,000/50,000



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Lifespan (hrs)	Driver	Market
HB03 280/100W.AC	285x90	100	120/ 220÷240/ 100÷277	0.9	11500	115	5700	90/110	30000	DOB	
HB03 330/120W.AC	335x120	120	120/ 220÷240/ 100÷277	0.9	13800	115	5700	90/110	30000	DOB	
HB03 330/150W.AC	335x120	150	120/ 220÷240/ 100÷277	0.9	17250	115	5700	90/110	30000	DOB	
HB03 400/200W.AC	430x160	200	120/ 220÷240/ 100÷277	0.9	23000	115	5700	90/110	30000	DOB	
HB03 280/100W	285x90	100	120/ 220÷240/ 100÷277	0.9	14000	140	5700	90/110	30000	External	
HB03 330/150W	335x120	150	120/ 220÷240/ 100÷277	0.9	21000	140	5700	90/110	30000	External	
HB03 400/200W	430x160	200	120/ 220÷240/ 100÷277	0.9	28000	140	5700	90/110	30000	External	



Not Chemicals



Environmentally
Friendly and Safe

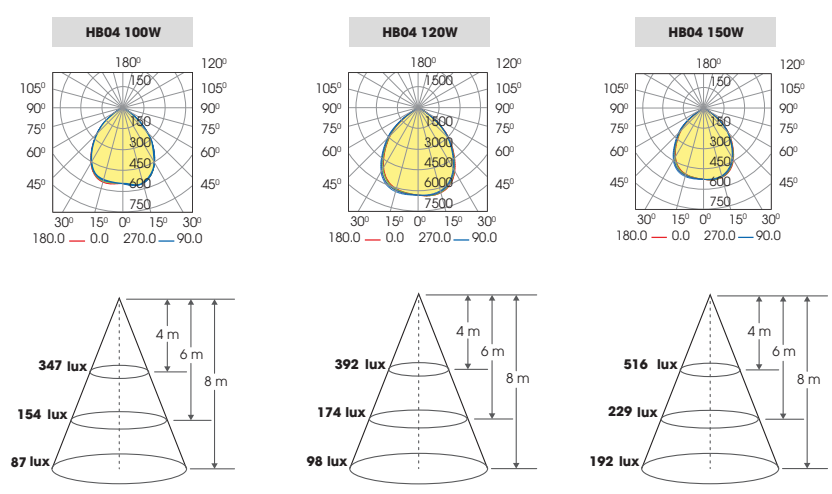




PRODUCT DETAILS

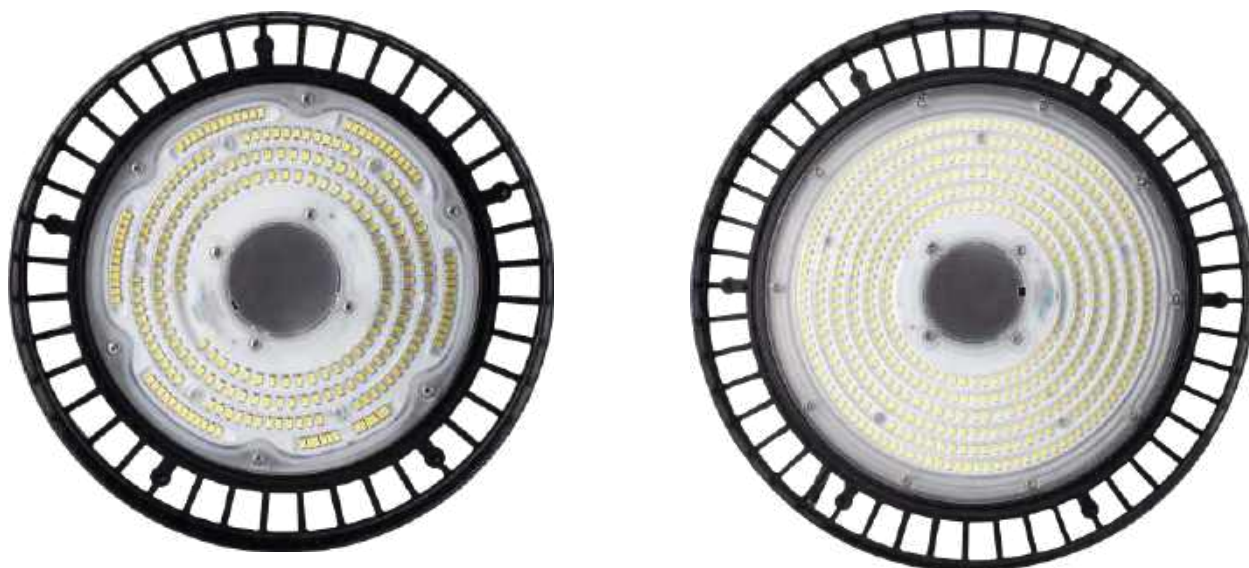


LUMINOUS INTENSITY DISTRIBUTION

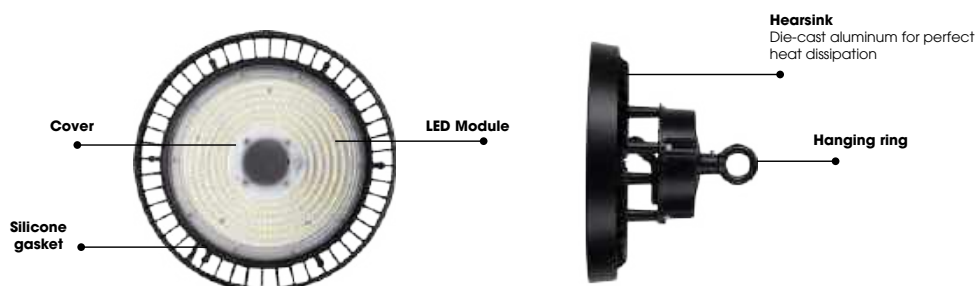


PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI	Lifespan (hrs)
HB04 300/100W	300x30	100	120/ 220±240/ 100±277	0.5/0.9	9500/10000	95/100	3000/4000/6500	80	25,000
HB04 360/120W	360x30	120	120/ 220±240/ 100±277	0.5/0.9	11400/12000	95/100	3000/4000/6500	80	25,000
HB04 360/150W	360x30	150	120/ 220±240/ 100±277	0.5/0.9	14250/15000	95/100	3000/4000/6500	80	25,000

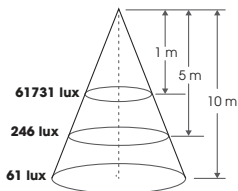
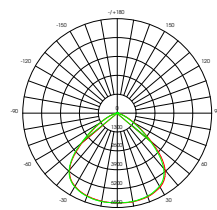


PRODUCT DETAILS

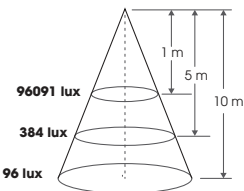
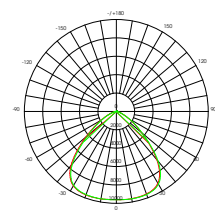


LUMINOUS INTENSITY DISTRIBUTION

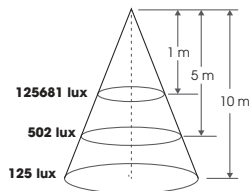
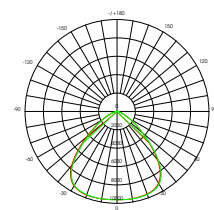
HB06 100W



HB06 150W



HB06 200W



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Lifespan (hrs)
HB06 255/100W.PLUS	255x180	100	120/ 220÷240/ 100÷277	0.95	14500/15000	145/ 150	3000/4000/6500	50,000
HB06 300/150W.PLUS	300x180	150	120/ 220÷240/ 100÷277	0.95	21750/22500	145/ 150	3000/4000/6500	50,000
HB06 300/200W.PLUS	300x180	200	120/ 220÷240/ 100÷277	0.95	29000/30000	145/ 150	3000/4000/6500	50,000



LED DOWNLIGHT

PRODUCT FEATURE

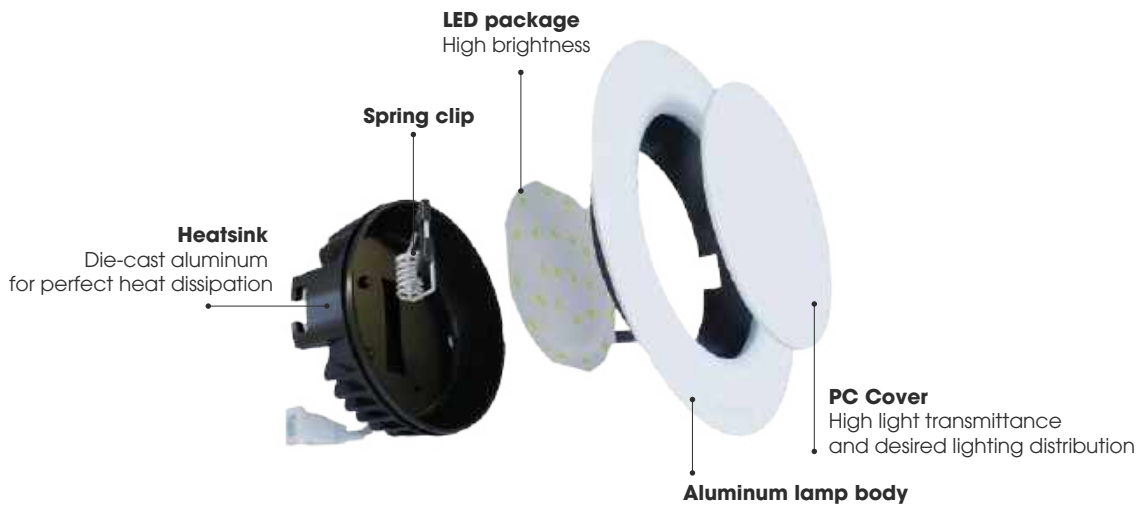
- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled with excellent performance
- High luminous efficacy up to 115 lm/W
- High CRI of 80/90 for high color accuracy
- PC cover with high lighting transmittance and desired lighting distribution
- CE, KC complied
- Long lifespan: 30,000 hours, saving the maintenance cost
- Options:
 - + Voltage: 120/ 220÷240/ 100÷277V
 - + 1-CCT/ 3-CCT changeable (adjust by wall switch or switch on driver)
 - + Die-cast aluminum housing/ Metal housing with powder coating finish/ Heat-conductive PBT over moulded aluminium housing with perfect heat dissipation

APPLICATIONS

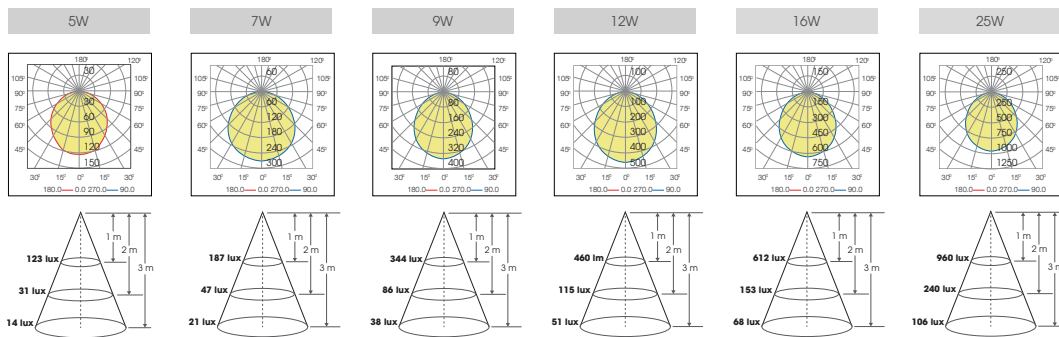
- Suitable for Homes, offices, restaurants, hotels, supermarkets, commercial centers, showrooms, etc.



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

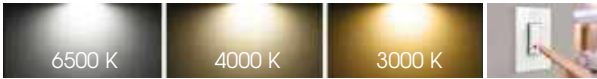
Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Cut out Øc (mm)	Lifespan (hrs)
AT04 90/5W	118x40	5	120/ 220÷240/ 100÷277	0.5/0.9	500	100	3000/4000/5000/5700/6500	105	90	30,000
AT04 90/7W	118x40	7	120/ 220÷240/ 100÷277	0.5/0.9	700	100	3000/4000/5000/5700/6500	105	90	30,000
AT04 110/7W	138x50	7	120/ 220÷240/ 100÷277	0.5/0.9	700	100	3000/4000/5000/5700/6500	105	110	30,000
AT04 90/9W	118x40	9	120/ 220÷240/ 100÷277	0.5/0.9	900	100	3000/4000/5000/5700/6500	105	90	30,000
AT04 110/9W	138x50	9	120/ 220÷240/ 100÷277	0.5/0.9	900	100	3000/4000/5000/5700/6500	105	110	30,000
AT04 110/12W	138x50	12	120/ 220÷240/ 100÷277	0.5/0.9	1200	100	3000/4000/5000/5700/6500	105	110	30,000
AT04 155/16W	180x44	16	120/ 220÷240/ 100÷277	0.5/0.9	1600	100	3000/4000/5000/5700/6500	105	155	30,000
AT04 155/25W	180x44	25	120/ 220÷240/ 100÷277	0.5/0.9	2500	100	3000/4000/5000/5700/6500	105	155	30,000



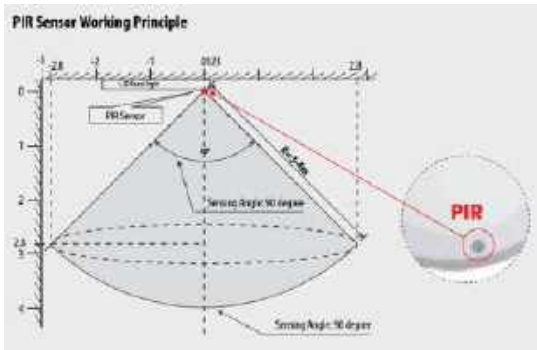
1-CCT



3-CCT changeable



PIR / LIGHT SENSOR



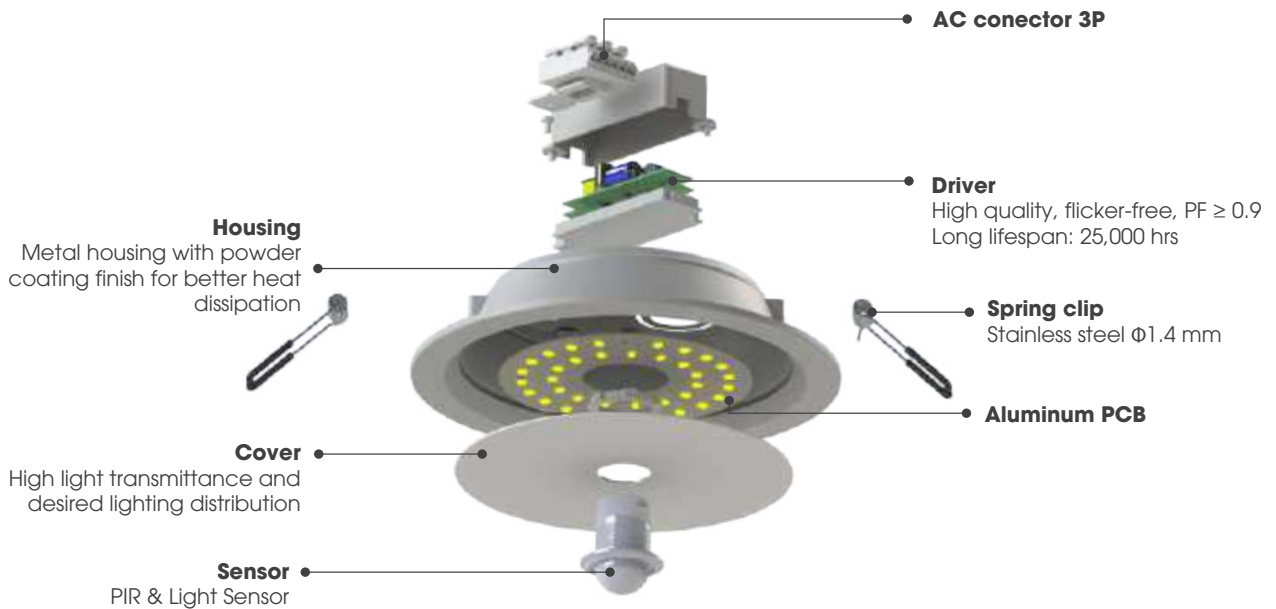
3-STEP DIMMING (100% - 50% - 20%)



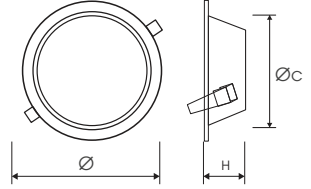
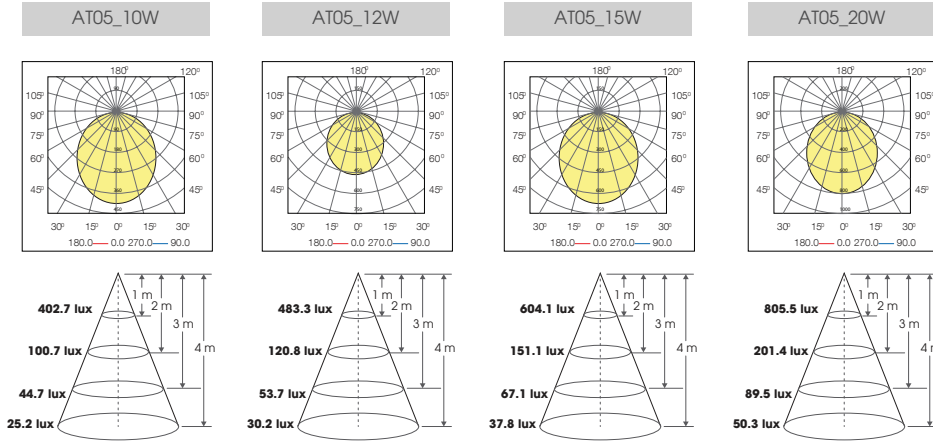
Type of lamp:

- + Type 1: AC direct
- + Type 2: High efficacy
- + Type 3: 3-CCT Changeable - High efficacy
- + Type 4: 3-CCT Changeable - AC direct
- + Type 5: 3-Step dimming
- + Type 6: PIR sensor / Light sensor

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Type	Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Cut out Øc (mm)	Lifespan (hrs)	Market
1	AT05.V3-AC-3IN-7W	98x26	7	120/220÷240/100÷277	0.9	630	90	3000/4000/5000/5700/6500	110	70	25,000	🇰🇷
1	AT05.V3-AC-4IN-10W	120x29	10	120/220÷240/100÷277	0.9	900	90	3000/4000/5000/5700/6500	110	90	25,000	🇰🇷
1	AT05.V3-AC-5IN-12W	146x35	12	120/220÷240/100÷277	0.9	1080	90	3000/4000/5000/5700/6500	110	110	25,000	🇰🇷
1	AT05.V3-AC-6IN-15W	180x41	15	120/220÷240/100÷277	0.9	1350	90	3000/4000/5000/5700/6500	110	155	25,000	🇰🇷
1	AT05.V3-AC-6IN-15W.HE	180x41	15	120/220÷240/100÷277	0.9	1575	105	3000/4000/5000/5700/6500	110	155	25,000	🇰🇷
1	AT05.V3-AC-6IN-20W	180x41	20	120/220÷240/100÷277	0.9	1800	90	3000/4000/5000/5700/6500	110	155	25,000	🇰🇷
1	AT05.V3-AC-8IN-30W	220x35	30	120/220÷240/100÷277	0.9	2700	90	3000/4000/5000/5700/6500	110	170	25,000	🇰🇷
2	AT05.V3-3IN-7W.HE	90x26	7	120/220÷240/100÷277	0.9	735	105	3000/4000/5000/5700/6500	110	70	25,000	🇰🇷
2	AT05.V3-4IN-10W.HE	120x29	10	120/220÷240/100÷277	0.9	1050	105	3000/4000/5000/5700/6500	110	90	25,000	🇰🇷
2	AT05.V3-5IN-12W.HE	146x35	12	120/220÷240/100÷277	0.9	1260	105	3000/4000/5000/5700/6500	110	110	25,000	🇰🇷
2	AT05.V3-6IN-15W.HE	180x61	15	120/220÷240/100÷277	0.9	2575	105	3000/4000/5000/5700/6500	110	155	25,000	🇰🇷
2	AT05.V3-6IN-20W.HE	180x61	20	120/220÷240/100÷277	0.9	2100	105	3000/4000/5000/5700/6500	110	155	25,000	🇰🇷
2	AT05.V3-8IN-30W.HE	220x73	30	120/220÷240/100÷277	0.9	3300	110	3000/4000/5000/5700/6500	110	170	25,000	🇰🇷
3	AT05.V3-AC-4IN-10W.CCT	120x29	10	120/220÷240/100÷277	0.9	900	90	3000-4000-6500	110	90	25,000	🇰🇷
3	AT05.V3-AC-5IN-12W.CCT	146x35	12	120/220÷240/100÷277	0.9	1080	90	3000-4000-6500	110	110	25,000	🇰🇷
3	AT05.V3-AC-6IN-15W.CCT	180x61	15	120/220÷240/100÷277	0.9	1350	90	3000-4000-6500	110	155	25,000	🇰🇷
3	AT05.V3-AC-6IN-20W.CCT	180x61	20	120/220÷240/100÷277	0.9	1800	90	3000-4000-6500	110	155	25,000	🇰🇷
3	AT05.V3-AC-8IN-30W.CCT	220x73	30	120/220÷240/100÷277	0.9	2700	90	3000-4000-6500	110	170	25,000	🇰🇷
4	AT05.V3-4IN-10W.HE.CCT	120x29	10	120/220÷240/100÷277	0.9	1050	105	3000-4000-6500	110	90	25,000	🇰🇷
4	AT05.V3-5IN-12W.HE.CCT	146x35	12	120/220÷240/100÷277	0.9	1260	105	3000-4000-6500	110	110	25,000	🇰🇷
4	AT05.V3-6IN-15W.HE.CCT	180x61	15	120/220÷240/100÷277	0.9	1575	105	3000-4000-6500	110	155	25,000	🇰🇷
4	AT05.V3-6IN-20W.HE.CCT	180x61	20	120/220÷240/100÷277	0.9	2100	105	3000-4000-6500	110	155	25,000	🇰🇷
4	AT05.V3-8IN-30W.HE.CCT	220x73	30	120/220÷240/100÷277	0.9	3300	110	3000-4000-6500	110	170	25,000	🇰🇷
5	AT05.V3-AC-4IN-10W.DIM	120x29	10	120/220÷240/100÷277	0.9	900	90	3000/4000/5000/5700/6500	110	90	25,000	🇰🇷
5	AT05.V3-AC-5IN-12W.DIM	146x35	12	120/220÷240/100÷277	0.9	1080	90	3000/4000/5000/5700/6500	110	110	25,000	🇰🇷
5	AT05.V3-AC-6IN-15W.DIM	180x61	15	120/220÷240/100÷277	0.9	1350	90	3000/4000/5000/5700/6500	110	155	25,000	🇰🇷
5	AT05.V3-AC-6IN-20W.DIM	180x61	20	120/220÷240/100÷277	0.9	1800	90	3000/4000/5000/5700/6500	110	155	25,000	🇰🇷
5	AT05.V3-AC-8IN-30W.DIM	220x73	30	120/220÷240/100÷277	0.9	2700	90	3000/4000/5000/5700/6500	110	170	25,000	🇰🇷
6	AT05.V3-6IN-15W.HE.PIR	180x41	15	120/220÷240/100÷277	0.9	1575	105	3000/4000/5000/5700/6500	110	155	25,000	🇰🇷
6	AT05.V3-6IN-20W.HE.PIR	180x41	20	120/220÷240/100÷277	0.9	2100	105	3000/4000/5000/5700/6500	110	155	25,000	🇰🇷
6	AT05.V3-8IN-30W.HE.PIR	220x73	30	120/220÷240/100÷277	0.9	3300	110	3000/4000/5000/5700/6500	110	170	25,000	🇰🇷



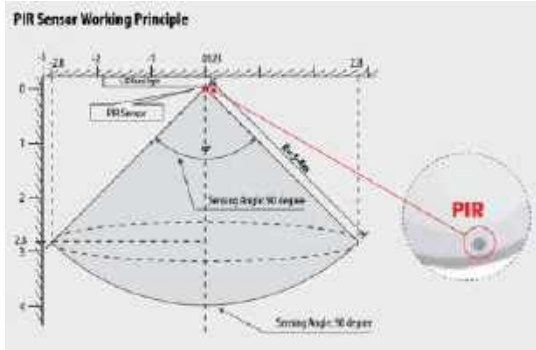
1-CCT



3-CCT changeable



PIR / LIGHT SENSOR



3-STEP DIMMING (100% - 50% - 20%)



Type of lamp:

- + Type 1: AC direct
- + Type 2: High efficacy
- + Type 3: 3-CCT Changeable - High efficacy
- + Type 4: 3-CCT Changeable - AC direct
- + Type 5: 3-Step dimming
- + Type 6: PIR sensor / Light sensor

PRODUCT DETAILS

Driver
High quality, flicker-free, PF ≥ 0.9
Long lifespan: 25,000 hrs

AC conector 3P

Housing
Metal housing with powder coating finish for better heat dissipation

Spring clip
Stainless steel $\Phi 1.4$ mm

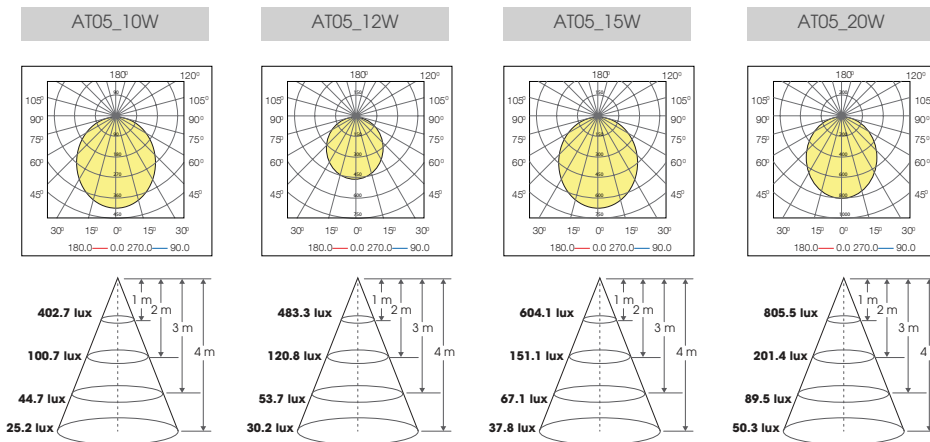
Cover
High light transmittance and desired lighting distribution

Aluminum PCB





































Sensor
PIR & Light Sensor

Driver box
ABS plastic, UL94-V2

LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Type	Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Cut out Φc (mm)	Lifespan (hrs)	Market
1	AT05.V4-AC-3IN-7W	98x26	7	120/220÷240/ 100÷277	0.9	630	90	3000/4000/5000/ 5700/6500	110	70	25,000	
1	AT05.V4-AC-4IN-10W	120x26	10	120/220÷240/ 100÷277	0.9	900	90	3000/4000/5000/ 5700/6500	110	90	25,000	
1	AT05.V4-AC-5IN-12W	146x28	12	120/220÷240/ 100÷277	0.9	1080	90	3000/4000/5000/ 5700/6500	110	110	25,000	
1	AT05.V4-AC-6IN-15W	180x28	15	120/220÷240/ 100÷277	0.9	1350	90	3000/4000/5000/ 5700/6500	110	155	25,000	
1	AT05.V4-AC-6IN-15W.HE	180x28	15	120/220÷240/ 100÷277	0.9	1575	105	3000/4000/5000/ 5700/6500	110	155	25,000	
1	AT05.V4-AC-6IN-20W	180x28	20	120/220÷240/ 100÷277	0.9	1800	90	3000/4000/5000/ 5700/6500	110	155	25,000	
1	AT05.V4-AC-8IN-30W	220x32	30	120/220÷240/ 100÷277	0.9	2700	90	3000/4000/5000/ 5700/6500	110	200	25,000	
1	AT05.V4-AC-8IN-30W.HE	220x32	30	120/220÷240/ 100÷277	0.9	3300	110	3000/4000/5000/ 5700/6500	110	200	25,000	
2	AT05.V4-3IN-7W.HE	98x26	7	120/220÷240/ 100÷277	0.9	735	105	3000/4000/5000/ 5700/6500	110	70	25,000	
2	AT05.V4-4IN-10W.HE	120x26	10	120/220÷240/ 100÷277	0.9	1050	105	3000/4000/5000/ 5700/6500	110	90	25,000	
2	AT05.V4-5IN-12W.HE	146x28	12	120/220÷240/ 100÷277	0.9	1260	105	3000/4000/5000/ 5700/6500	110	110	25,000	
2	AT05.V4-6IN-10W.HE	180x52	10	120/220÷240/ 100÷277	0.9	1050	105	3000/4000/5000/ 5700/6500	110	155	25,000	
2	AT05.V4-6IN-12W.HE	180x52	12	120/220÷240/ 100÷277	0.9	1260	105	3000/4000/5000/ 5700/6500	110	155	25,000	
2	AT05.V4-6IN-15W.HE	180x52	15	120/220÷240/ 100÷277	0.9	1575	105	3000/4000/5000/ 5700/6500	110	155	25,000	
2	AT05.V4-6IN-20W.HE	180x52	20	120/220÷240/ 100÷277	0.9	2100	105	3000/4000/5000/ 5700/6500	110	155	25,000	
2	AT05.V4-8IN-30W.HE	220x56	30	120/220÷240/ 100÷277	0.9	3300	110	3000/4000/5000/ 5700/6500	110	200	25,000	
3	AT05.V4-AC-6IN-10W.CCT	180x28	10	120/220÷240/ 100÷277	0.9	900	90	3000-4000-6500	110	155	25,000	
3	AT05.V4-AC-6IN-12W.CCT	180x28	12	120/220÷240/ 100÷277	0.9	1080	90	3000-4000-6500	110	155	25,000	
3	AT05.V4-AC-6IN-15W.CCT	180x28	15	120/220÷240/ 100÷277	0.9	1350	90	3000-4000-6500	110	155	25,000	
3	AT05.V4-AC-6IN-20W.CCT	180x28	20	120/220÷240/ 100÷277	0.9	1800	90	3000-4000-6500	110	155	25,000	
3	AT05.V4-AC-8IN-30W.CCT	220x32	30	120/220÷240/ 100÷277	0.9	2700	90	3000-4000-6500	110	200	25,000	
4	AT05.V4-3IN-7W.HE.CCT	98x26	7	120/220÷240/ 100÷277	0.9	735	105	3000-4000-6500	110	70	25,000	
4	AT05.V4-4IN-10W.HE.CCT	120x26	10	120/220÷240/ 100÷277	0.9	1050	105	3000-4000-6500	110	90	25,000	
4	AT05.V4-5IN-12W.HE.CCT	146x28	12	120/220÷240/ 100÷277	0.9	1260	105	3000-4000-6500	110	110	25,000	
4	AT05.V4-6IN-10W.HE.CCT	180x52	10	120/220÷240/ 100÷277	0.9	1050	105	3000-4000-6500	110	155	25,000	
4	AT05.V4-6IN-12W.HE.CCT	180x52	12	120/220÷240/ 100÷277	0.9	1260	105	3000-4000-6500	110	155	25,000	
4	AT05.V4-6IN-15W.HE.CCT	180x52	15	120/220÷240/ 100÷277	0.9	1575	105	3000-4000-6500	110	155	25,000	
4	AT05.V4-6IN-20W.HE.CCT	180x52	20	120/220÷240/ 100÷277	0.9	2100	105	3000-4000-6500	110	155	25,000	
4	AT05.V4-8IN-30W.HE.CCT	220x56	30	120/220÷240/ 100÷277	0.9	3300	110	3000-4000-6500	110	200	25,000	
5	AT05.V4-AC-6IN-10W.DIM	180x28	10	120/220÷240/ 100÷277	0.9	900	90	3000/4000/5000/ 5700/6500	110	155	25,000	
5	AT05.V4-AC-6IN-12W.DIM	180x28	12	120/220÷240/ 100÷277	0.9	1080	90	3000/4000/5000/ 5700/6500	110	155	25,000	
5	AT05.V4-AC-6IN-15W.DIM	180x28	15	120/220÷240/ 100÷277	0.9	1350	90	3000/4000/5000/ 5700/6500	110	155	25,000	
5	AT05.V4-AC-6IN-20W.DIM	180x28	20	120/220÷240/ 100÷277	0.9	1800	90	3000/4000/5000/ 5700/6500	110	155	25,000	
5	AT05.V4-AC-8IN-30W.DIM	220x32	30	120/220÷240/ 100÷277	0.9	2700	90	3000/4000/5000/ 5700/6500	110	200	25,000	
6	AT05.V4-6IN-15W.HE.PIR	180x28	15	120/220÷240/ 100÷277	0.9	1575	105	3000/4000/5000/ 5700/6500	110	155	25,000	
6	AT05.V4-6IN-20W.HE.PIR	180x28	20	120/220÷240/ 100÷277	0.9	2100	105	3000/4000/5000/ 5700/6500	110	155	25,000	



Not Chemicals



Environmentally Friendly and Safe





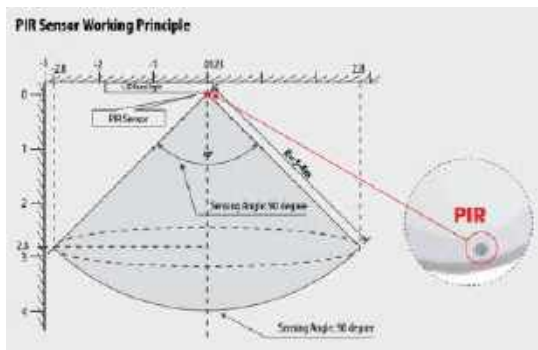
1-CCT



3-CCT changeable



PIR/ LIGHT SENSOR



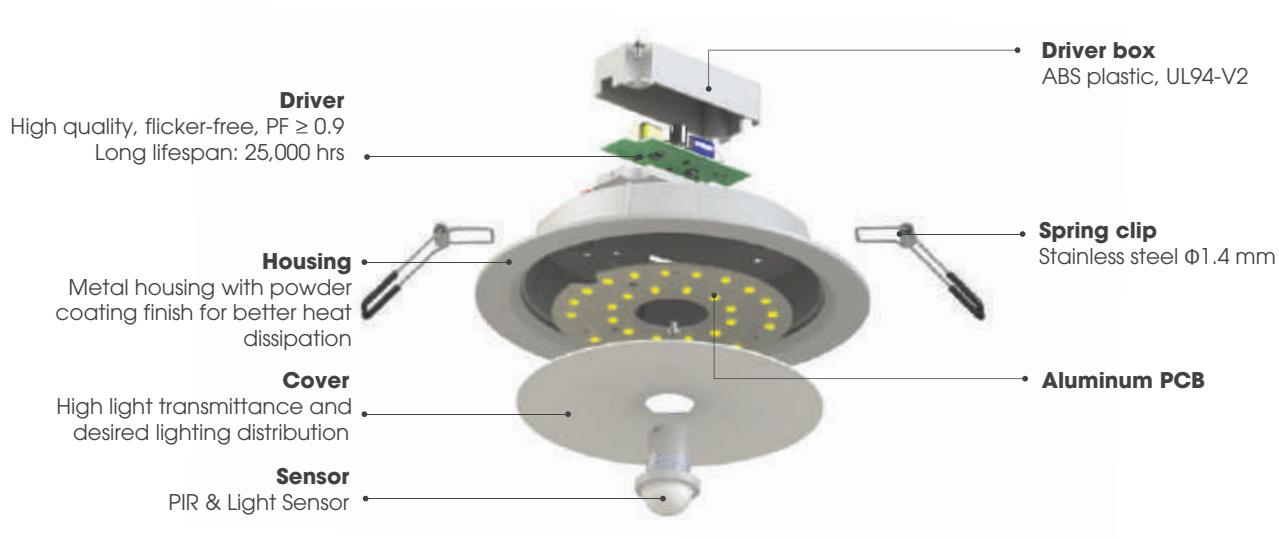
3-STEP DIMMING (100% - 50% - 20%)



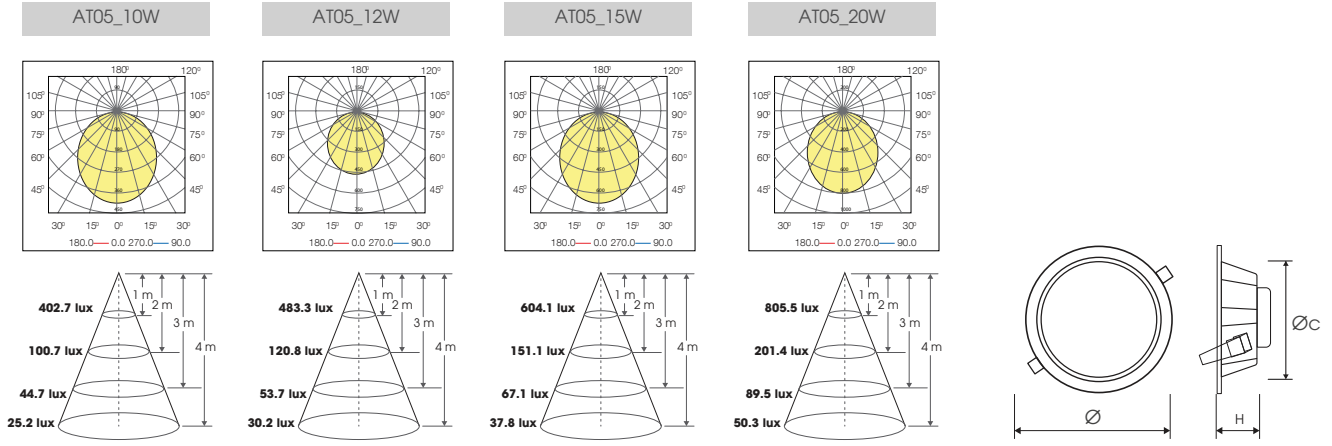
Type of lamp:

- + Type 1: AC direct
- + Type 2: High efficacy
- + Type 3: 3-CCT Changeable - High efficacy
- + Type 4: 3-CCT Changeable - AC direct
- + Type 5: 3-Step dimming
- + Type 6: PIR sensor/ Light sensor

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION

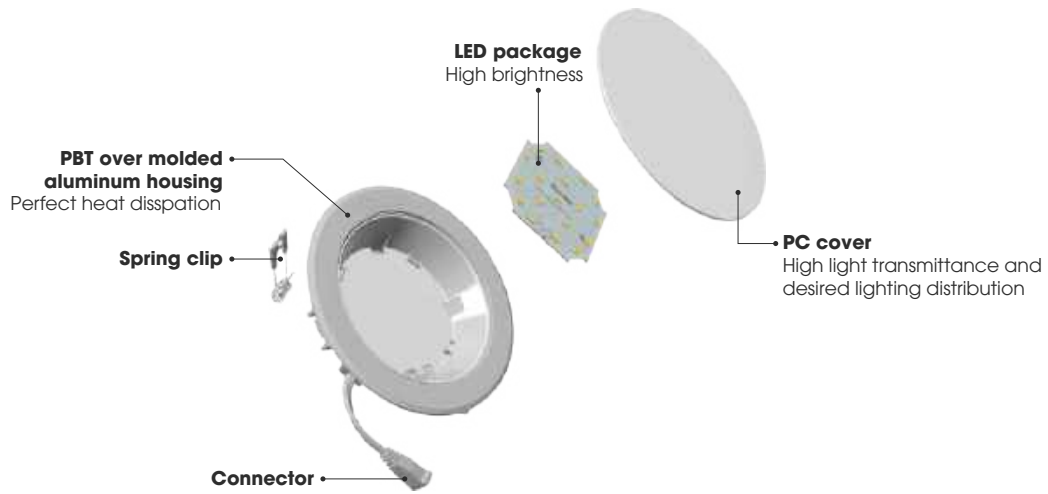


PRODUCT SPECIFICATIONS

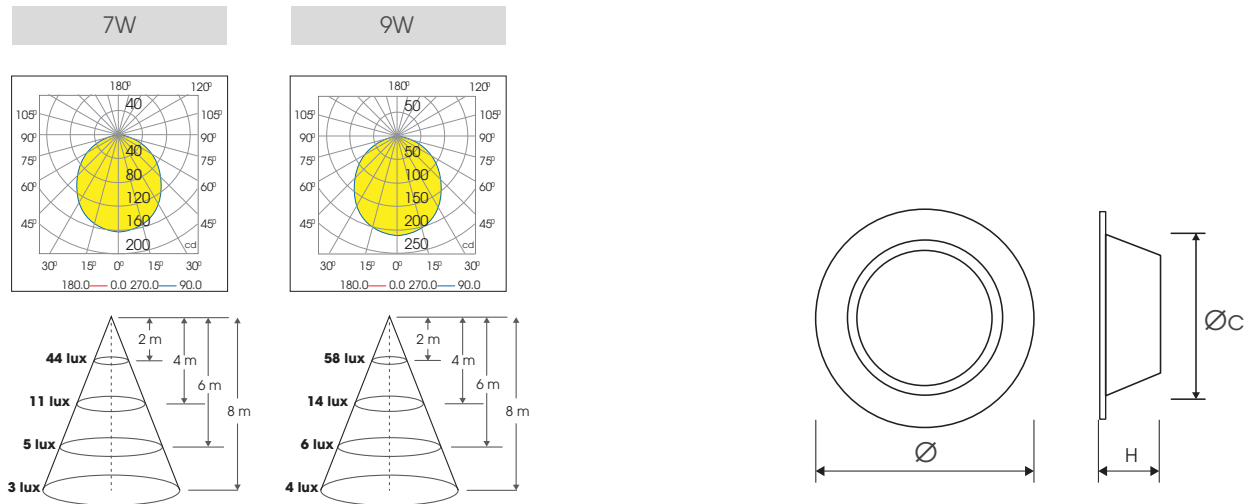
Type	Model	Dimension (ØxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Cut out Φc (mm)	Lifespan (hrs)	Market
1	AT05.V5-AC-4IN-10W	120x28	10	120/220÷240/ 100÷277	0.9	900	90	3000/4000/5000/ 5700/6500	110	90	25,000	South Korea
1	AT05.V5-AC-6IN-12W	180x34	12	120/220÷240/ 100÷277	0.9	1080	90	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
1	AT05.V5-AC-6IN-15W	180x34	15	120/220÷240/ 100÷277	0.9	1350	90	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
1	AT05.V5-AC-6IN-15W.HE	180x34	15	120/220÷240/ 100÷277	0.9	1575	105	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
1	AT05.V5-AC-6IN-20W	180x34	20	120/220÷240/ 100÷277	0.9	1800	90	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
1	AT05.V5-AC-8IN-30W	225x34	30	120/220÷240/ 100÷277	0.9	2700	90	3000/4000/5000/ 5700/6500	110	200	25,000	South Korea
1	AT05.V5-AC-8IN-30W.HE	225x34	30	120/220÷240/ 100÷277	0.9	3300	110	3000/4000/5000/ 5700/6500	110	200	25,000	South Korea
2	AT05.V5-4IN-10W.HE	120x28	10	120/220÷240/ 100÷277	0.9	1050	105	3000/4000/5000/ 5700/6500	110	90	25,000	South Korea
2	AT05.V5-6IN-10W.HE	180x57	10	120/220÷240/ 100÷277	0.9	1050	105	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
2	AT05.V5-6IN-12W.HE	180x57	12	120/220÷240/ 100÷277	0.9	1260	105	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
2	AT05.V5-6IN-15W.HE	180x57	15	120/220÷240/ 100÷277	0.9	1575	105	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
2	AT05.V5-6IN-20W.HE	180x57	20	120/220÷240/ 100÷277	0.9	2100	105	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
2	AT05.V5-8IN-30W.HE	225x57	30	120/220÷240/ 100÷277	0.9	3300	110	3000/4000/5000/ 5700/6500	110	200	25,000	South Korea
3	AT05.V5-AC-6IN-10W.CCT	180x34	10	120/220÷240/ 100÷277	0.9	900	90	3000-4000-6500	110	155	25,000	South Korea
3	AT05.V5-AC-6IN-12W.CCT	180x34	12	120/220÷240/ 100÷277	0.9	1080	90	3000-4000-6500	110	155	25,000	South Korea
3	AT05.V5-AC-6IN-15W.CCT	180x34	15	120/220÷240/ 100÷277	0.9	1350	90	3000-4000-6500	110	155	25,000	South Korea
3	AT05.V5-AC-6IN-20W.CCT	180x34	20	120/220÷240/ 100÷277	0.9	1800	90	3000-4000-6500	110	155	25,000	South Korea
3	AT05.V5-AC-8IN-30W.CCT	225x34	30	120/220÷240/ 100÷277	0.9	2700	90	3000-4000-6500	110	200	25,000	South Korea
4	AT05.V5-4IN-10W.HE.CCT	120x28	10	120/220÷240/ 100÷277	0.9	1050	105	3000-4000-6500	110	90	25,000	South Korea
4	AT05.V5-6IN-10W.HE.CCT	180x57	10	120/220÷240/ 100÷277	0.9	1050	105	3000-4000-6500	110	155	25,000	South Korea
4	AT05.V5-6IN-12W.HE.CCT	180x57	12	120/220÷240/ 100÷277	0.9	1260	105	3000-4000-6500	110	155	25,000	South Korea
4	AT05.V5-6IN-15W.HE.CCT	180x57	15	120/220÷240/ 100÷277	0.9	1575	105	3000-4000-6500	110	155	25,000	South Korea
4	AT05.V5-6IN-20W.HE.CCT	180x57	20	120/220÷240/ 100÷277	0.9	2100	105	3000-4000-6500	110	155	25,000	South Korea
4	AT05.V5-8IN-30W.HE.CCT	225x57	30	120/220÷240/ 100÷277	0.9	3300	110	3000-4000-6500	110	200	25,000	South Korea
5	AT05.V5-AC-6IN-10W.DIM	180x34	10	120/220÷240/ 100÷277	0.9	900	90	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
5	AT05.V5-AC-6IN-12W.DIM	180x34	12	120/220÷240/ 100÷277	0.9	1080	90	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
5	AT05.V5-AC-6IN-15W.DIM	180x34	15	120/220÷240/ 100÷277	0.9	1350	90	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
5	AT05.V5-AC-6IN-20W.DIM	180x34	20	120/220÷240/ 100÷277	0.9	1800	90	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
5	AT05.V5-AC-8IN-30W.DIM	225x34	30	120/220÷240/ 100÷277	0.9	2700	90	3000/4000/5000/ 5700/6500	110	200	25,000	South Korea
6	AT05.V5-6IN-15W.HE.PIR	180x57	15	120/220÷240/ 100÷277	0.9	1575	105	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea
6	AT05.V5-6IN-20W.HE.PIR	180x57	20	120/220÷240/ 100÷277	0.9	2100	105	3000/4000/5000/ 5700/6500	110	155	25,000	South Korea



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Cut out Øc (mm)	Lifespan (hrs)
AT06.V2 90/7W	114x44	7	120/ 220÷240/ 100÷277	0.5/0.9	700	100	3000/4000/5000/ 5700/6500	110	90	25,000
AT06.V2 90/9W	114x44	9	120/ 220÷240/ 100÷277	0.5/0.9	900	100	3000/4000/5000/ 5700/6500	110	110	25,000
AT06.V2 110/9W	134x44	9	120/ 220÷240/ 100÷277	0.5/0.9	900	100	3000/4000/5000/ 5700/6500	110	110	25,000



1-CCT



3-CCT changeable

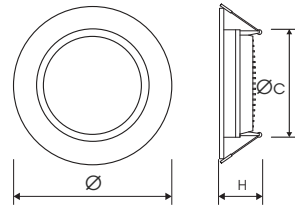
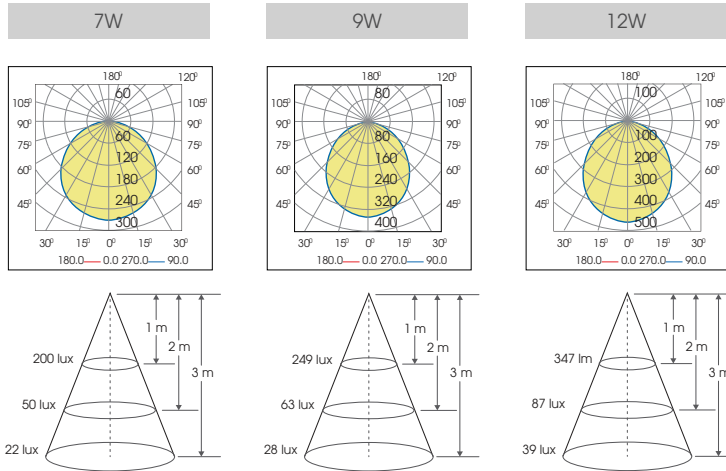


AT10 DOWNLIGHT

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

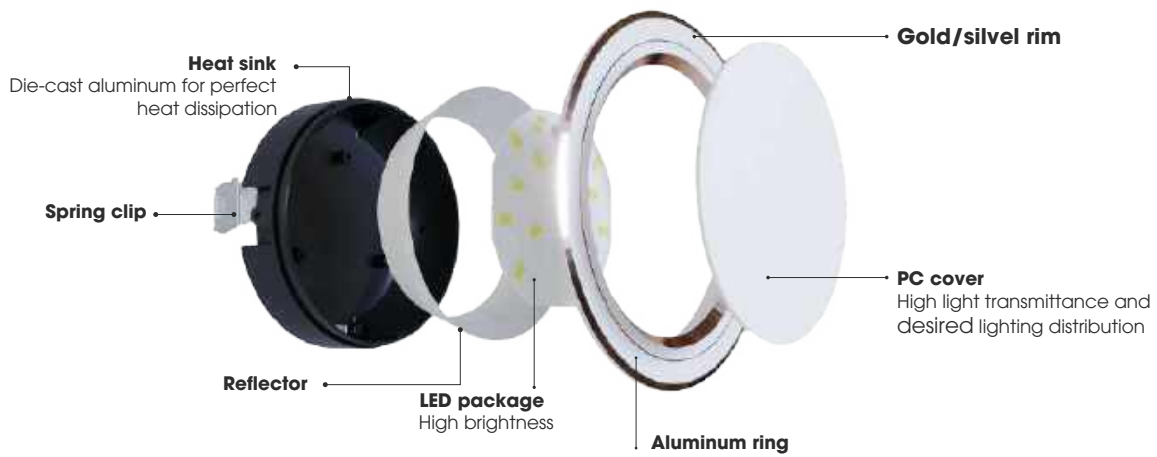
Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Cut out Øc (mm)	Lifespan (hrs)
AT10 90/7W	118x33	7	120/ 220÷240/ 100÷277	0.5/0.9	700	100	3000/4000/5000/ 5700/6500	110	90	25,000
AT10 110/9W	138x36	9	120/ 220÷240/ 100÷277	0.5/0.9	900	100	3000/4000/5000/ 5700/6500	110	110	25,000
AT10 110/12W	138x36	12	120/ 220÷240/ 100÷277	0.5/0.9	1200	100	3000/4000/5000/ 5700/6500	110	110	25,000



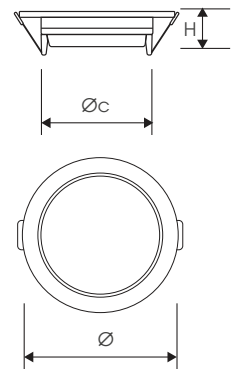
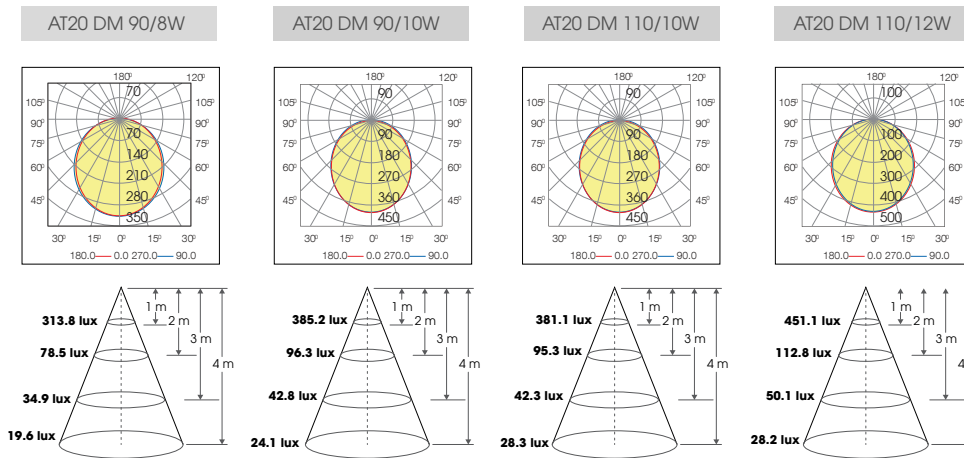
 3-CCT changeable



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

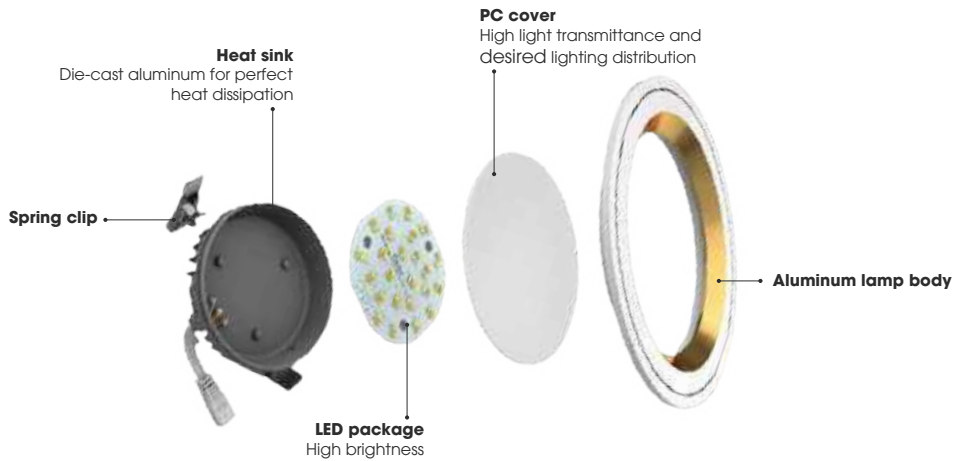
Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Cut out Øc (mm)	Lifespan (hrs)
AT20 DM 90/8W	103x45	8	120/ 220÷240/ 100÷277	0.5/0.9	800	100	3000-4000-6500	110	90	30,000
AT20 DM 90/ 10W	103x45	10	120/ 220÷240/ 100÷277	0.5/0.9	1000	100	3000-4000-6500	110	90	30,000
AT20 DM 110/ 10W	123x45	10	120/ 220÷240/ 100÷277	0.5/0.9	1000	100	3000-4000-6500	110	110	30,000
AT20 DM 110/ 12W	123x45	12	120/ 220÷240/ 100÷277	0.5/0.9	1200	100	3000-4000-6500	110	110	30,000

1-CCT

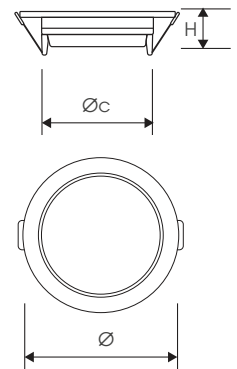
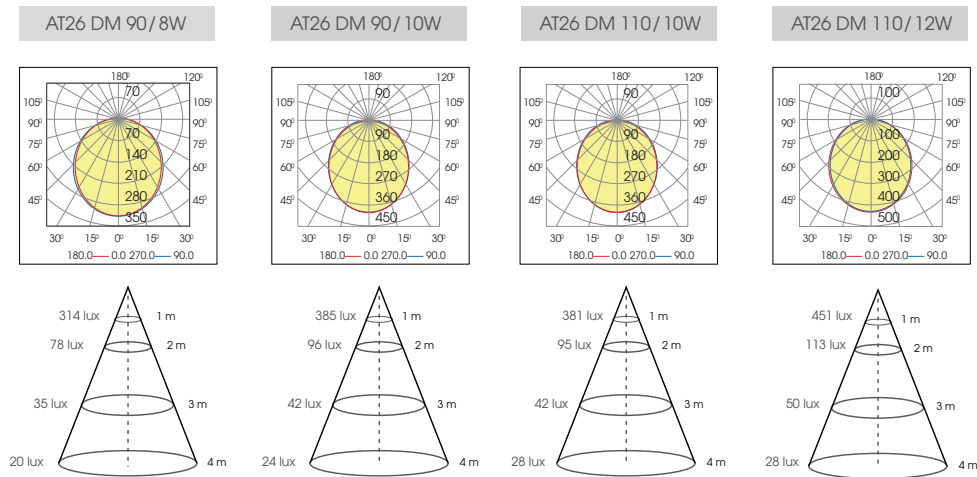
3-CCT changeable



PRODUCT DETAILS



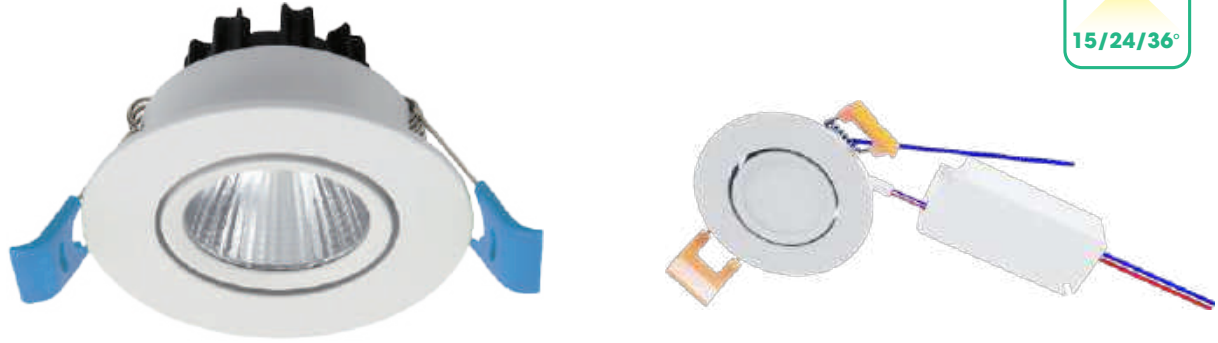
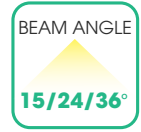
LUMINOUS INTENSITY DISTRIBUTION



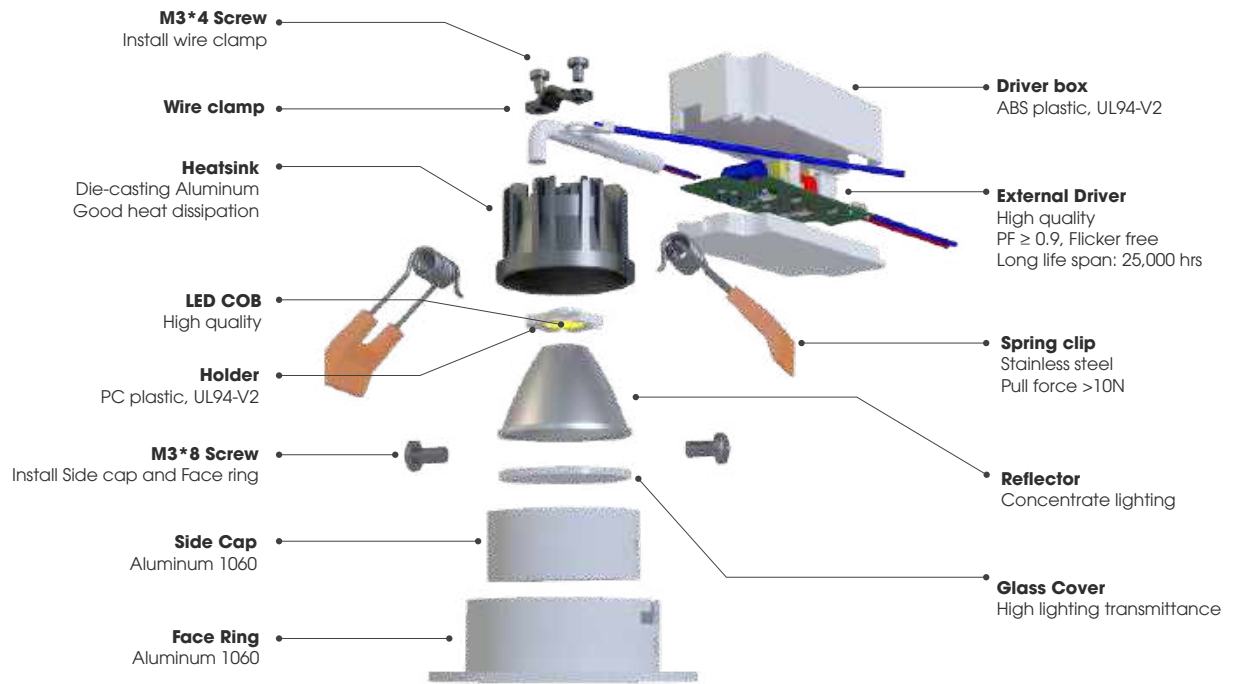
PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Cut out Øc (mm)	Lifespan (hrs)
AT26 DM 90/8W	118x36	8	120/ 220÷240/ 100÷277	0.5/0.9	800	100	3000-4000-6500	110	90	30,000
AT26 DM 90/10W	118x36	10	120/ 220÷240/ 100÷277	0.5/0.9	1000	100	3000-4000-6500	110	90	30,000
AT26 DM 110/10W	138x36	10	120/ 220÷240/ 100÷277	0.5/0.9	1000	100	3000-4000-6500	110	110	30,000
AT26 DM 110/12W	138x36	12	120/ 220÷240/ 100÷277	0.5/0.9	1200	100	3000-4000-6500	110	110	30,000





PRODUCT DETAILS



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Cut out Φc (mm)	Lifespan (hrs)
AT27 55/6W	68x40	6	120/ 220±240/ 100±277	0.9	450	80	3000/4000/6500	55	25,000
AT27 70/8W	88x40	8	120/ 220±240/ 100±277	0.9	640	80	3000/4000/6500	70	25,000



Not Chemicals



Environmentally Friendly and Safe





1-CCT

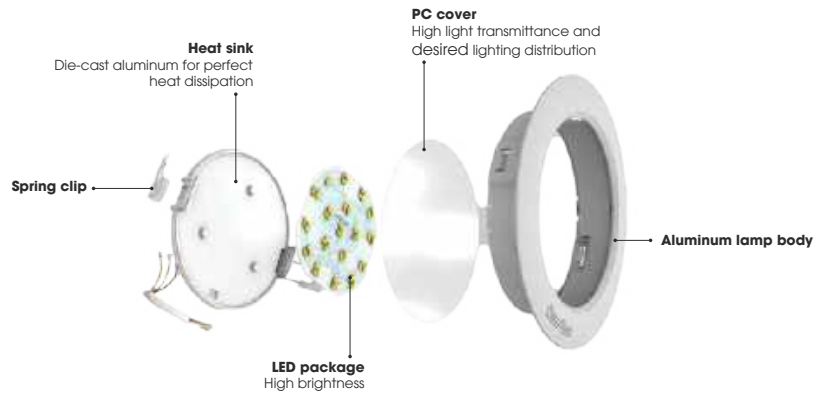


3-CCT changeable

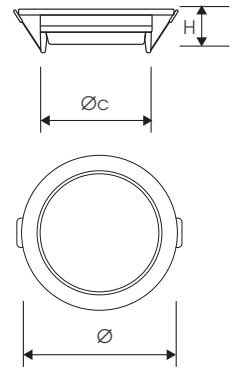
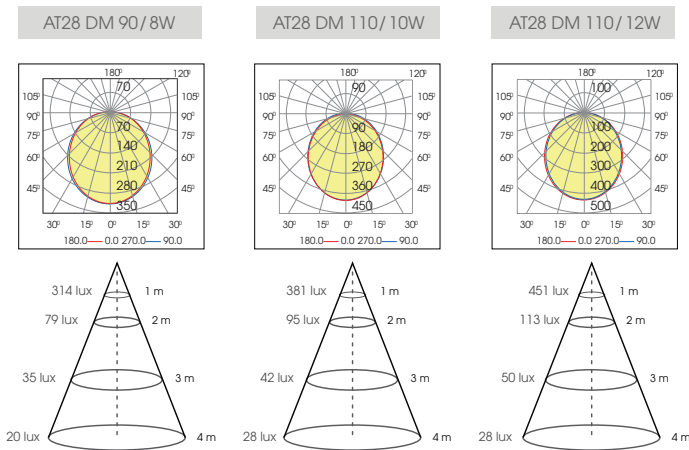


AT28 DOWNLIGHT

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



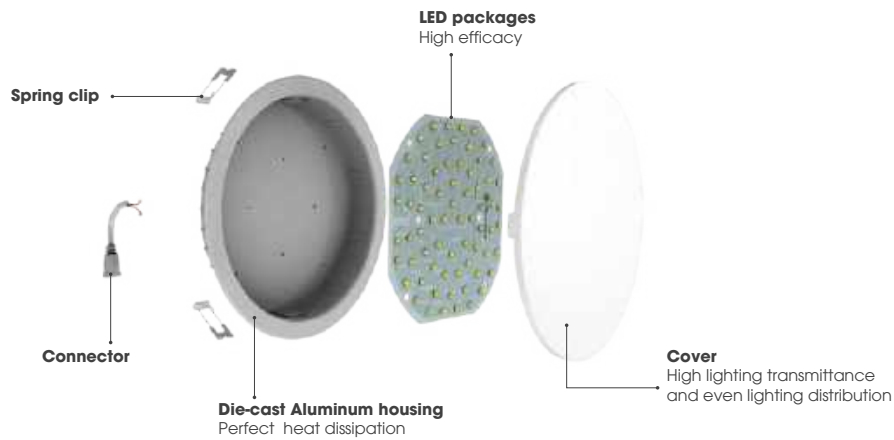
PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Beam angle (°)	Cut out Øc (mm)	Lifespan (hrs)
AT28 DM 90/8W	118x36	8	120/ 220÷240/ 100÷277	0.5/0.9	800	100	3000-4000-6500	110	90	30,000
AT28 DM 110/10W	138x36	10	120/ 220÷240/ 100÷277	0.5/0.9	1000	100	3000-4000-6500	110	110	30,000
AT28 DM 110/12W	138x36	12	120/ 220÷240/ 100÷277	0.5/0.9	1200	100	3000-4000-6500	110	110	30,000
AT28 90/8W	118x36	8	120/ 220÷240/ 100÷277	0.5/0.9	800	100	3000/4000/6500	110	90	30,000
AT28 90/10W	118x36	10	120/ 220÷240/ 100÷277	0.5/0.9	1000	100	3000/4000/6500	110	90	30,000
AT28 110/10W	138x36	10	120/ 220÷240/ 100÷277	0.5/0.9	1000	100	3000/4000/6500	110	110	30,000
AT28 110/12W	138x36	12	120/ 220÷240/ 100÷277	0.5/0.9	1200	100	3000/4000/6500	110	110	30,000



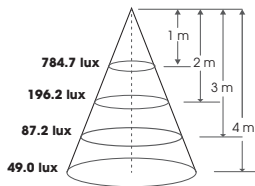
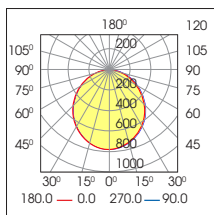


PRODUCT DETAILS

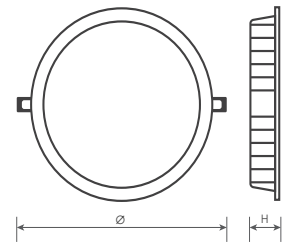
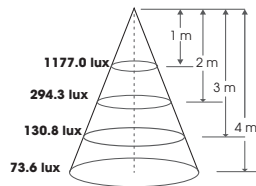
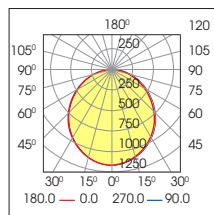


LUMINOUS INTENSITY DISTRIBUTION

AT30 155-20W



AT30 195-30W

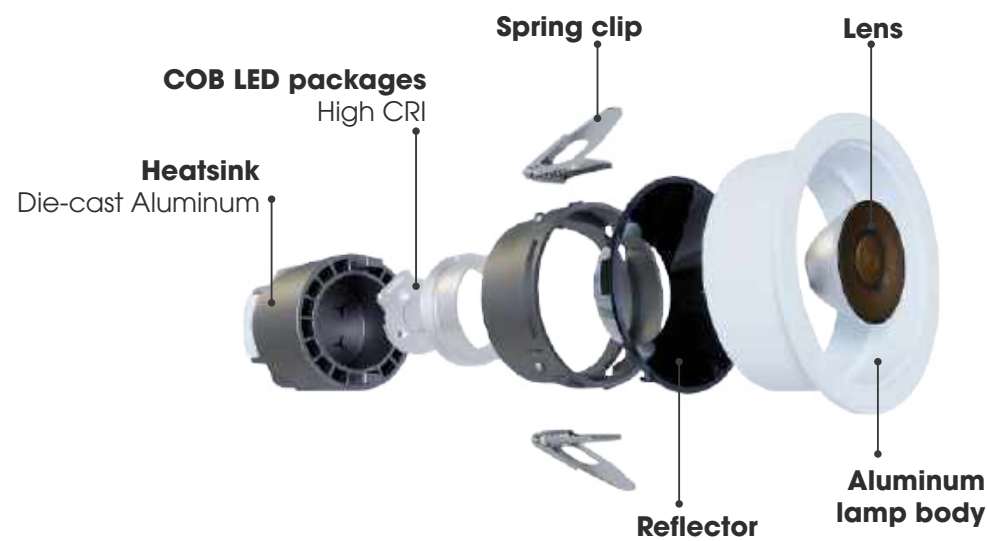


PRODUCT SPECIFICATIONS

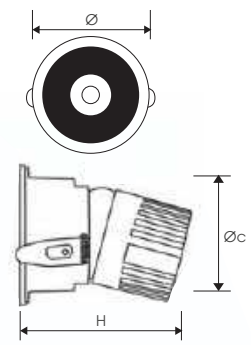
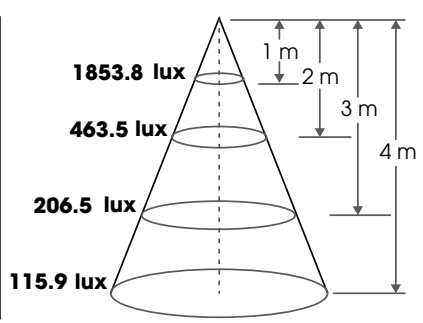
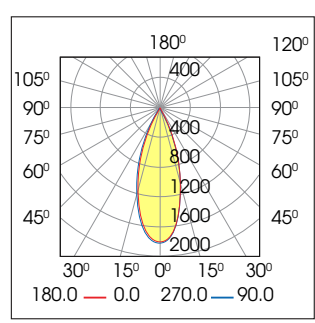
Model	Dimension (ØxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Cut out Øc (mm)	Lifespan (hrs)
AT30 155/20W	180X40	20	220	0.5/0.9	2100	105	3000/4000/5000/5700/6500	80	155	30000
AT30 195/30W	220X45	30	220	0.5/0.9	3150	105	3000/4000/5000/5700/6500	80	195	30000



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

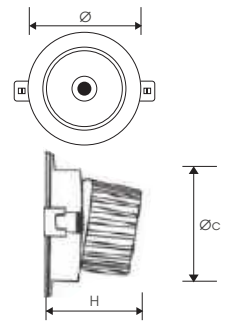
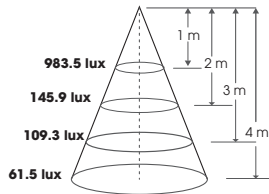
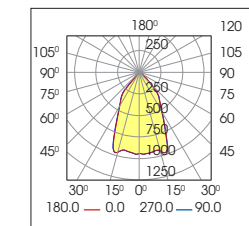
Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Cut out øc (mm)	Lifespan (hrs)
AT39 76 / 12W	84x92	12	120 / 220÷240 / 100÷277	0.5 / 0.9	720	60	3000 / 4000 / 5000 5700 / 6500	90	24	76	30,000



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION

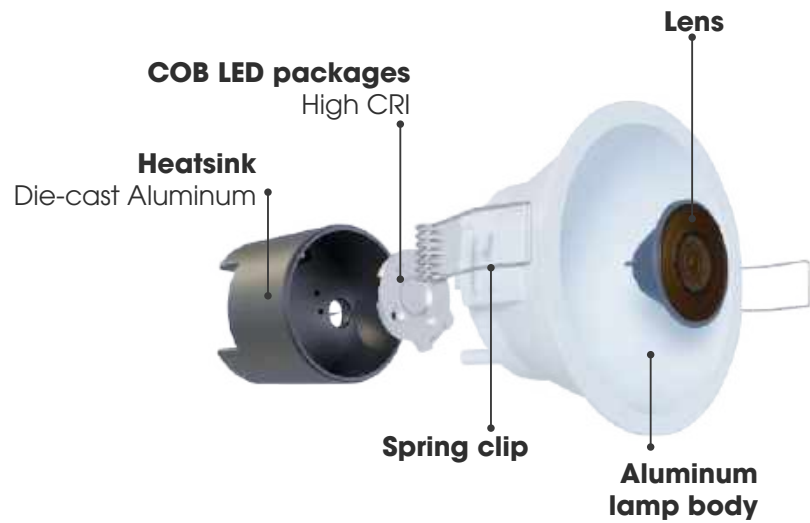


PRODUCT SPECIFICATIONS

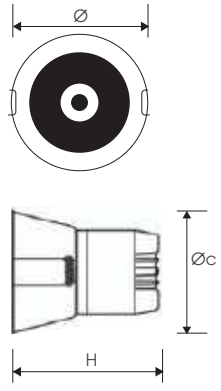
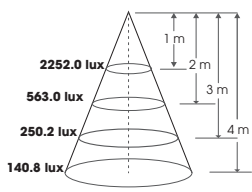
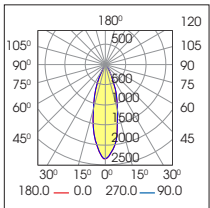
Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Cut out Øc (mm)	Lifespan (hrs)
AT40 95/ 7W.H	108x65	7	120/ 220÷240/ 100÷277	0.5/ 0.9	770	100	3000/ 4000/ 5000 5700/ 6500	90	50	95	30,000
AT40 95/ 12W	108x65	12	120/ 220÷240/ 100÷277	0.5/ 0.9	1020	85	3000/ 4000/ 5000 5700/ 6500	90	50	95	30,000



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Cut out Øc (mm)	Lifespan (hrs)
AT41 86/12W	93x95	12	120/220÷240/100÷277	0.5/0.9	720	60	3000/4000/5000 5700/6500	90	24	86	30,000



LED TRACKLIGHT

PRODUCT FEATURE

- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled with excellent performance
- High color rendering index up to 90 Ra
- High luminous efficacy up to 110 lm/W
- Die cast aluminum housing for perfect heat dissipation
- PC cover with high light transmittance and desired lighting distribution
- 360 degrees horizontally and 90 degrees vertically rotating
- CE, KC complied
- Long lifespan: 25,000 hours, saving the maintenance cost

APPLICATIONS

- Buildings, showrooms, restaurants, supermarkets, commercial centers, etc..

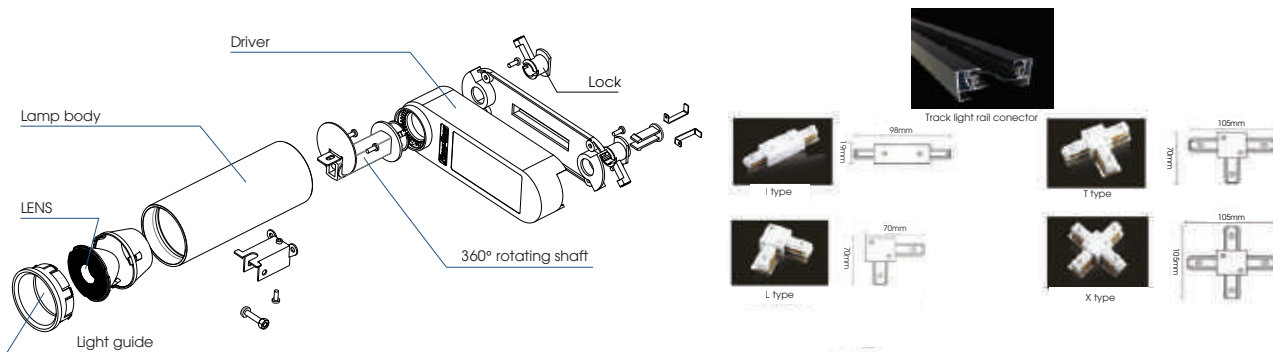


TRL08

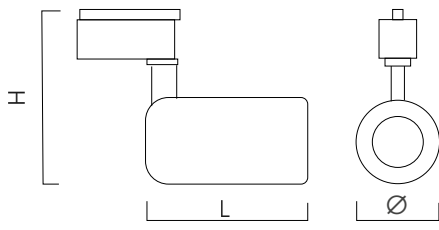
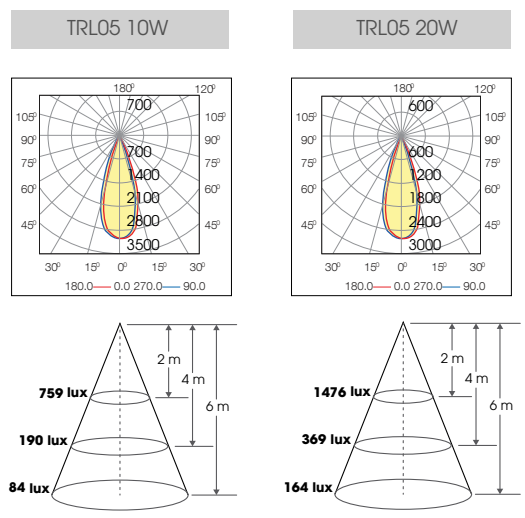


TRL05

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
TRL05 10W	60x110x145	10	120/ 220÷240/ 100÷277	0.5	900/1000/1100	90/100/110	3000/4000/5000/ 5700/6500	80/90	24	25,000
TRL05 15W	60x110x145	15	120/ 220÷240/ 100÷277	0.5	1350/1500/1650	90/100/110	3000/4000/5000/ 5700/6500	80/90	24	25,000
TRL05 20W	50x135x140	20	120/ 220÷240/ 100÷277	0.5	1800/2000/2200	90/100/110	3000/4000/5000/ 5700/6500	80/90	24	25,000
TRL05 30W	60x170x145	30	120/ 220÷240/ 100÷277	0.5	2700/3000/3300	90/100/110	3000/4000/5000/ 5700/6500	80/90	24	25,000
TRL08 10W	45x82x170	10	120/ 220÷240/ 100÷277	0.5	900/1000/1100	90/100/110	3000/4000/5000/ 5700/6500	80/90	24	25,000
TRL08 20W	45x95x330	20	120/ 220÷240/ 100÷277	0.5	1800/2000/2200	90/100/110	3000/4000/5000/ 5700/6500	80/90	24	25,000





LED DESK LIGHT

PRODUCT FEATURE

- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled with excellent performance
- High CRI of 80/ 90/ Sunlike for high color accuracy
- Integrated with world-recognized Sunlike LED technology to express the natural color of objects, increase learning performance, prevent myopia in growing children and create comfortable ambient for better eyes
- Dimming range: 5%-100%
- Long lifespan up to 25,000 hours, saving the maintenance cost

APPLICATIONS

- Studies, libraries, schools



RD-RL-20.V2



RD-RL-21



RD-RL-22



RD-RL-36



RD-RL-38.PLUS



RD-RL-46



RD-RL-60



RD-RL-68.WF

TOUCH DESK LIGHT
DIMMING AND COLORS CHANGEABLE

PRODUCT SPECIFICATIONS

Model	Power (W)	Illuminance (lux)	CCT (K)	CRI (Ra)	Feature	Lifespan (hrs)
RD-RL-20.V2	6	600	3000-4000-5000-6500	80	3-Level dimming (30%-50%-100%)	25000
RD-RL-21	6	700	3000-4000-5000-6500	80	3-Level dimming (10%-40%-100%)	25000
RD-RL-22	6	700	3000-4000-5000-6500	80	Dimming range 5%-100%	25000
RD-RL-36	6	700	3000-4000-5000-6500	80	3-Level dimming (30%-50%-100%)	25000
RD-RL-38.PLUS	6	500	4000 / 6500	97	3-Level dimming (10%-50%-100%)	25000
RD-RL-46	6	700	3000-4000-5000-6500	80	3-level dimming (10%-40%-100%)	25000
RD-RL-60	8	700	3000-4000-5000-6500	97	3-Level dimming (10%-40%-100%)	25000
RD-RL-68.WF	12	900	2700 ÷ 6500	97	Dimming range 10%-100% Wifi, HCL	25000



Not Chemicals



Environmentally Friendly and Safe





LED WALL LIGHT

PRODUCT FEATURE

- LED light source: high efficiency, long life span
- Unique, modern design, creating a sophisticated space of urban living
- Built-in PIR sensor
- Save up to 50÷80% of the electricity, compared to the use of conventional lights
- Long lifespan: 25,000 hours, 3÷4 times longer than compact lamp

APPLICATIONS

- Suitable for living rooms, bedrooms, hallways, stairs, etc.

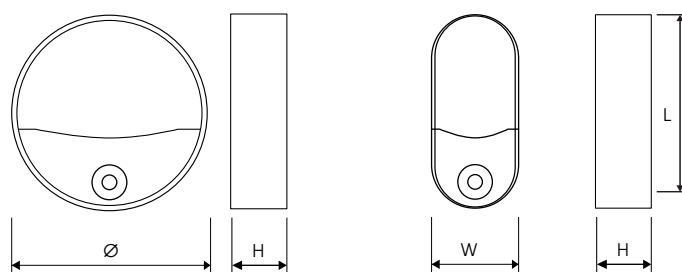
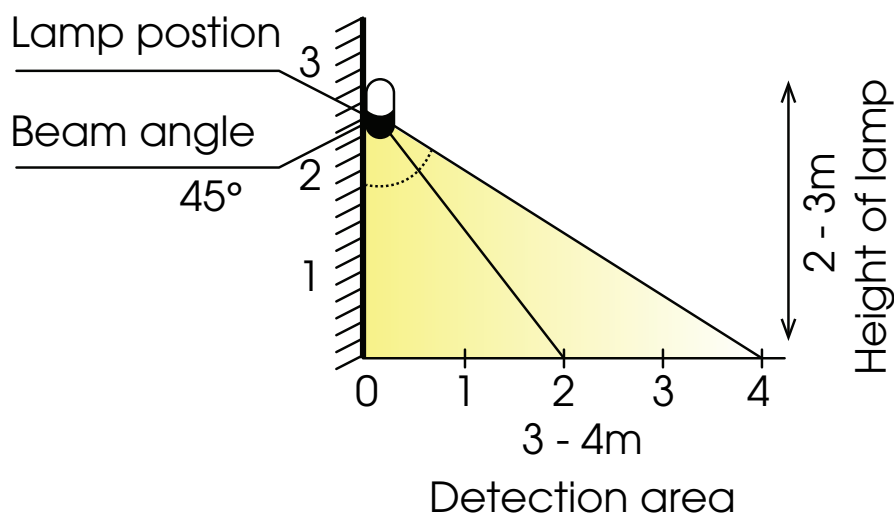


GT16.PIR 220x100/15W



GT16.PIR 180/15W

THE RANGE OF SENSOR'S ACTIVE AREA

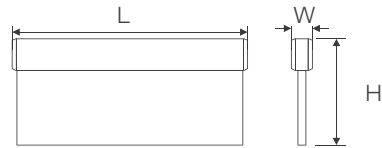
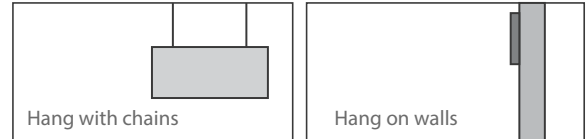


PRODUCT SPECIFICATIONS

Model	Dimension (∅xH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Lifespan (hrs)
GT16.PIR.180/15W	180x55	15	120/ 220÷240/ 100÷277	0.5	950	63	3000/6500	80	25,000
GT16.PIR.220X100/15W	220x100x55	15	120/ 220÷240/ 100÷277	0.5	950	63	3000/6500	80	25,000



INSTALLATION INSTRUCTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Battery capacity (mAh)	Emergency light time (h)	Full charging time	Lifespan (hrs)
CD01 40x20/2.2W (one side)	370x25x202	2.2	400	3	20	15,000
CD01 40x20/2.2W (two side)	370x25x202	2.2	400	3	20	15,000



KC01/2W

KC04/6W
KC03/8W

KC02/10W

PRODUCT SPECIFICATIONS

Model	Power (W)	Dimension (LxWxH) (mm)	Battery capacity (mAh)	CCT	Emergency light time (h)	Full charging time	Lifespan (hrs)
KC01/2W	2	258x265x50	800	Daylight	3	24	15,000
KC04/6W	6	223x195x55	2200	Daylight	6	24	15,000
KC03/8W	8	265x60x260	4000	Daylight	6	24	15,000
KC02/10W	10	-	4000	Daylight	6	24	15,000



Not Chemicals

Environmentally
Friendly and Safe

LAMPS AND TUBES

PRODUCT FEATURES:

- Voltage: 110/220/100 ÷ 277V
- Frequency: 50/60 Hz
- Power factor: 0.5 ÷ 0.9
- CCT: 3000K/4000K/5000K/5700K/6500K
- Customization available





LED TUBE

PRODUCT FEATURE

- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumileds with excellent performance
- High CRI of 80/90/Sunlike
- High efficacy up to 150 lm/W
- CE, KC, UL complied
- Long lifespan: 30,000 hours, saving the maintenance cost
- Options:
 - + Glass Tube with film/ Glass tube with powder coating/ AL-PC Tube/ PC Tube
 - + Single end powered/ Double end powered
 - + Internal/ External Driver



1-CCT



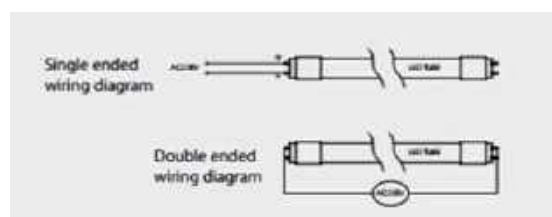
3-color changeable CCT (adjust by wall switch)



Integrated with a Radar sensor

APPLICATIONS

- Home, offices, showrooms, restaurants, supermarkets, etc.



1-CCT: 3000/4000/5000/6500K

3-CCT changeable (adjust by wall switch)



Integrated with a Radar sensor



AL-PC TUBE

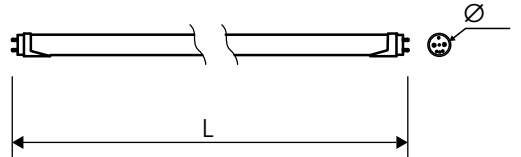
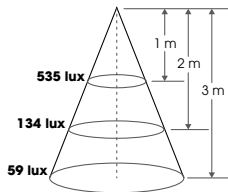
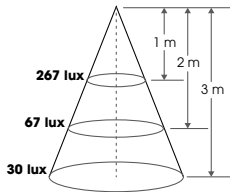
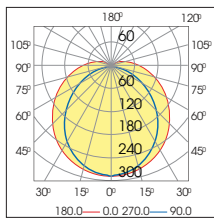
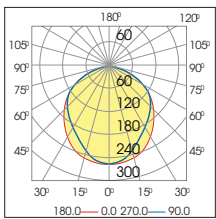
PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION

T8 600/10W

T8 1200/20W



PRODUCT SPECIFICATIONS

Model	Dimension (øxL) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
T8 600/10W	28x604	10	120/ 220±240/ 100±277	0.5/0.9	1000/1150	100/115	3000/4000/5000/6500	80/90/Sunlike	140	30,000
T8 1200/20W	28x1213	20	120/ 220±240/ 100±277	0.5/0.9	2300/3000	115/150	3000/4000/5000/6500	80/90/Sunlike	140	30,000





PRODUCT DETAILS

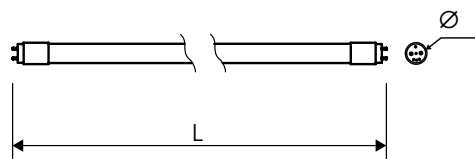
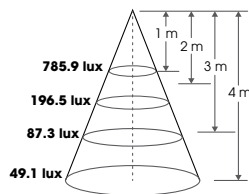
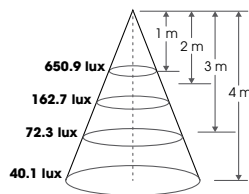
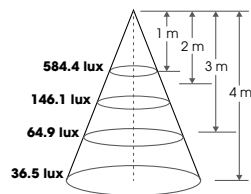
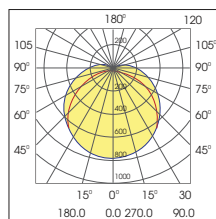
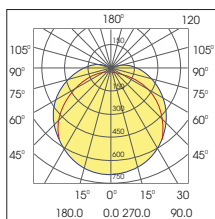
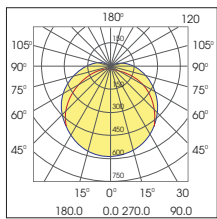


LUMINOUS INTENSITY DISTRIBUTION

T8 1200/15.5W.PC

T8 1200/17W.PC

T8 1200/20.5W.PC



PRODUCT SPECIFICATIONS

Model	Dimension (øxL) (mm)	Power (W)	Voltage (VDC)	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)	Market
T8 1200 / 15.5W.PC	26X1213	15.5	27	2170/2300	140/150	3000/4000/5000/ 5700/6500	80/90/Sunlike	180	25,000	
T8 1200 / 17W.PC	26X1213	17	30	2380/2550	140/150	3000/4000/5000/ 5700/6500	80/90/Sunlike	180	25,000	
T8 1200 / 20.5W.PC	26X1213	20.5	36	2900/3075	140/150	3000/4000/5000/ 5700/6500	80/90/Sunlike	180	25,000	



Not Chemicals

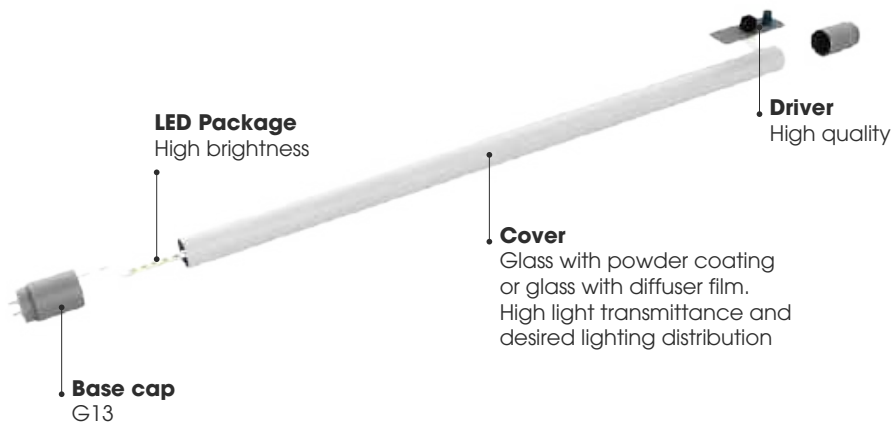


Environmentally Friendly and Safe



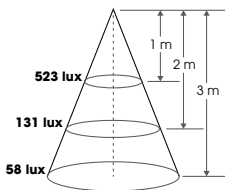
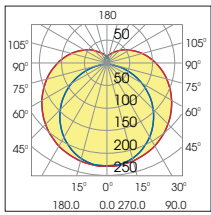


PRODUCT DETAILS

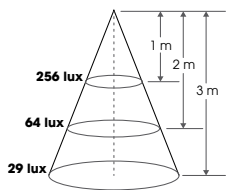
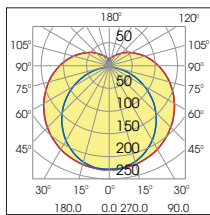


LUMINOUS INTENSITY DISTRIBUTION

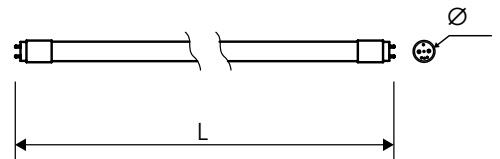
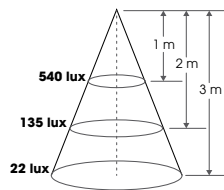
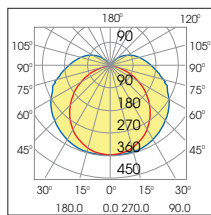
T8 N02 1200/20W



T8 TT01 600/10W



T8 TT01 1200/20W



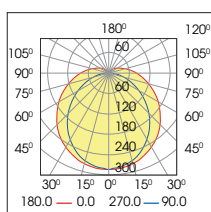
PRODUCT SPECIFICATIONS

Model	Dimension (øxL) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
T8 N02 1200/20W	27x1213	20	120/ 220÷240/ 100÷277V	0.5/0.9	2400/2600/ 3000	120/ 130/ 150	3000/ 4000/ 5000/ 6500/ 8000	80/90/ Sunlike	180	30,000
T8 TT01 600/10W	27x604	10	120/ 220÷240/ 100÷277V	0.5/0.9	1000/1100	100/ 110	3000/ 4000/ 5000/ 6500/ 8000	80/90/ Sunlike	180	30,000
T8 TT01 1200/20W	27x1213	20	120/ 220÷240/ 100÷277V	0.5/0.9	2400/2600	120/ 130	3000/ 4000/ 5000/ 6500/ 8000	80/90/ Sunlike	180	30,000
T8 TT01 1200/20W.H	27x1213	20	120/ 220÷240/ 100÷277V	0.5/0.9	2800/3000	140/ 150	3000/ 4000/ 5000/ 6500/ 8000	80/90/ Sunlike	180	30,000

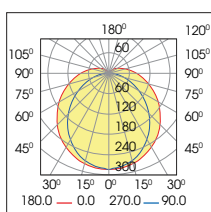


LUMINOUS INTENSITY DISTRIBUTION

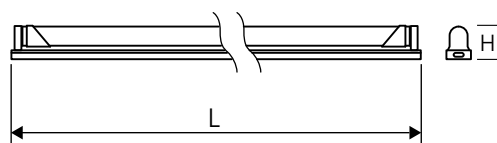
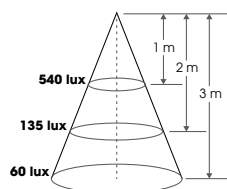
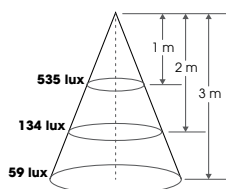
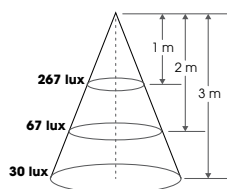
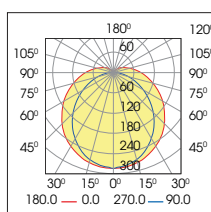
T8 M11/10W



T8 M11/20W



T8 N02 M11/20W



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
T8 M11/10Wx1	628x48x68	10	120/ 220÷240/ 100÷277V	0.5/0.9	1000/1100	100/110	3000/4000/5000/6500	80/90/Sunlike	140	30,000
T8 M11/20Wx1	1238x48x68	20	120/ 220÷240/ 100÷277V	0.5/0.9	2300/3000	115/150	3000/4000/5000/6500	80/90/Sunlike	140	30,000
T8 N02 M11/20Wx1	1238x48x62	20	120/ 220÷240/ 100÷277V	0.5/0.9	2400/2600/3000	120/130/150	3000/4000/5000/6500/8000	80/90/Sunlike	180	30,000



Not Chemicals



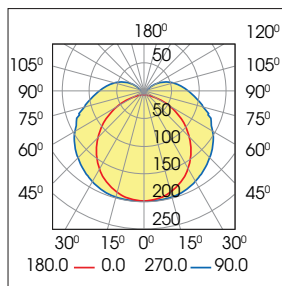
Environmentally Friendly and Safe



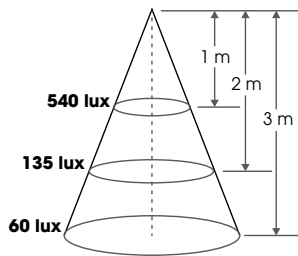
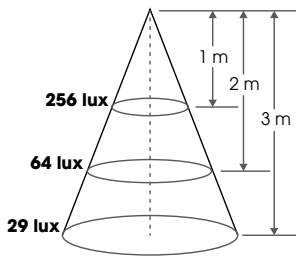
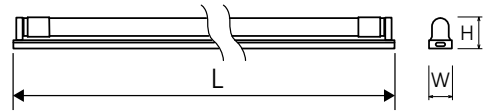
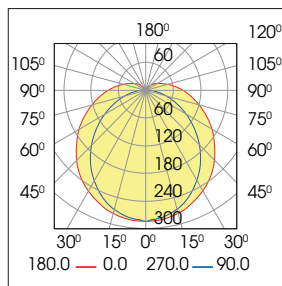


LUMINOUS INTENSITY DISTRIBUTION

T8 TT01 M21.1/10W



T8 TT01 M21.1/20W



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
T8 TT01 M21.1/10Wx1	614x34x49	10	120/ 220÷240/ 100÷277V	0.5/0.9	1000/1100	100/110	3000/4000/5000/6500	80/90/Sunlike	180	30,000
T8 TT01 M21.1/20Wx1	1221x33x45	20	120/ 220÷240/ 100÷277V	0.5/0.9	2400/2600	120/130	3000/4000/5000/6500	80/90/Sunlike	180	30,000



Not Chemicals

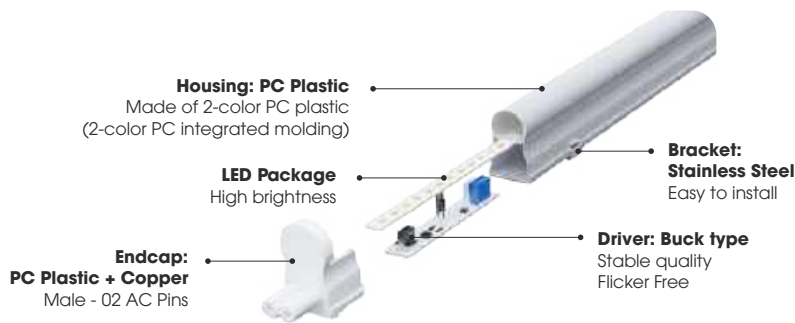


Environmentally Friendly and Safe

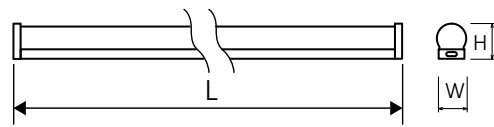
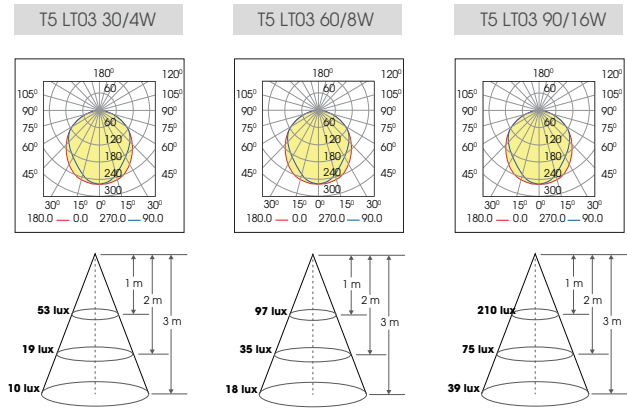




PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Lifespan (hrs)
T5 LT03 300/4W	310x22x35	4	220÷240	0.5/0.9	360	90	3000/4000/5000/6500	80	15,000
T5 LT03 600/8W	570x22x35	8	220÷240	0.5/0.9	700	87	3000/4000/5000/6500	80	15,000
T5 LT03 1200/16W	1180x22x35	16	220÷240	0.5/0.9	1300	87	3000/4000/5000/6500	80	15,000
T5 LT04 300/5W	323x23x34	5	220÷240	0.5/0.9	400/525	80/105	3000/4000/5700/6500	80	25,000
T5 LT04 600/9W	583x23x34	9	220÷240	0.5/0.9	720/945	80/105	3000/4000/5700/6500	80	25,000
T5 LT04 900/12W	884x23x34	12	220÷240	0.5/0.9	1120/1470	80/105	3000/4000/5700/6500	80	25,000
T5 LT04 1200/18W	1182x23x34	18	220÷240	0.5/0.9	1440/1890	80/105	3000/4000/5700/6500	80	25,000



LED BULB

PRODUCT FEATURE

- Wide range of power capability from 7W to 60W
- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled with excellent performance
- Integration of Sunlike LEDs for accurate and vivid color expression
- High luminous efficacy up to 120 lm/W
- PC cover with high light transmittance and desired lighting distribution
- CE, KC, UL complied
- Long lifespan: up to 30,000 hours, saving the maintenance cost
- Options:
 - + Housing: Heat-conductive PBT over moulded aluminium/ Die-cast aluminium
 - + Shape: A Bulb/ T Bulb

 1-CCT

 3-CCT changeable



 RADAR SENSOR

APPLICATIONS

- Homes, halls, stores, warehouses, factories and etc.

1-CCT

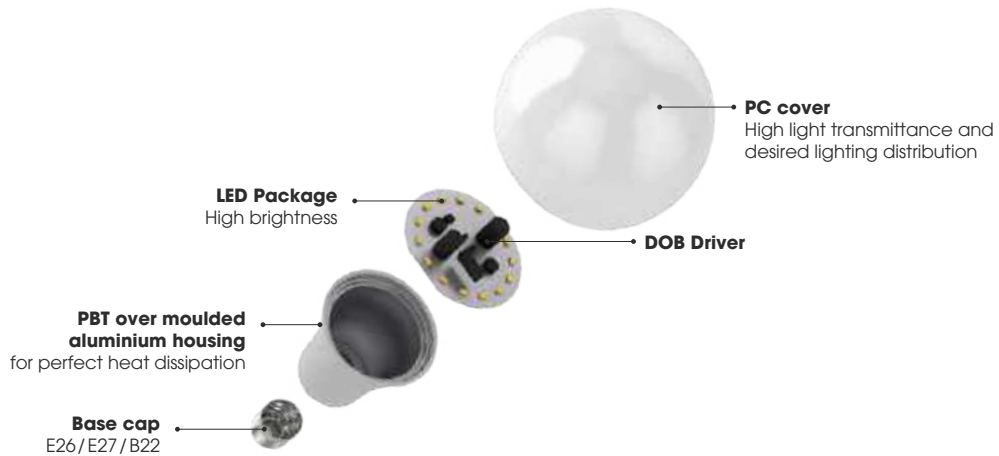
3-CCT changeable



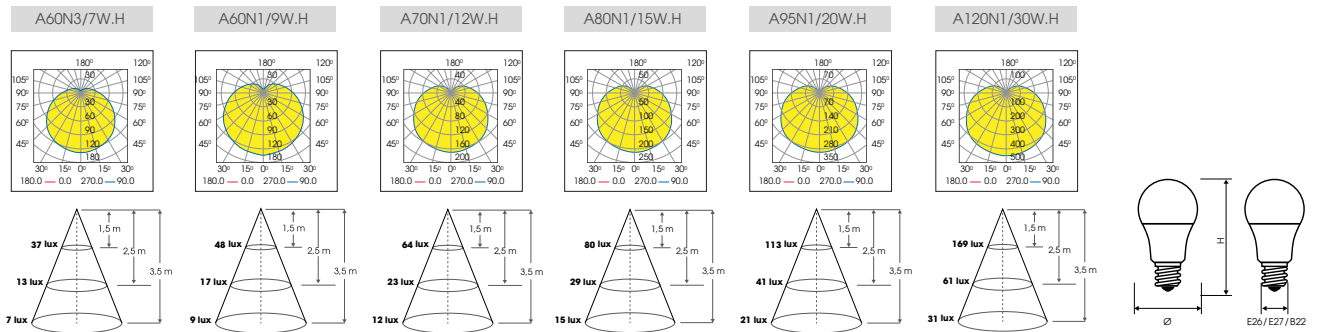
RADAR SENSOR



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION

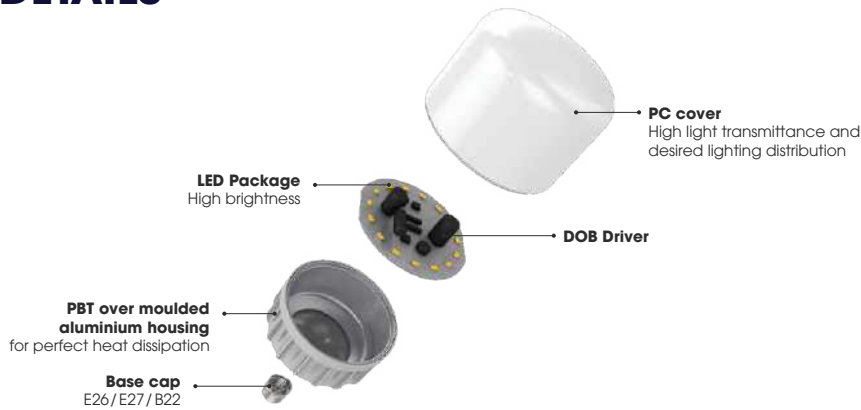


PRODUCT SPECIFICATIONS

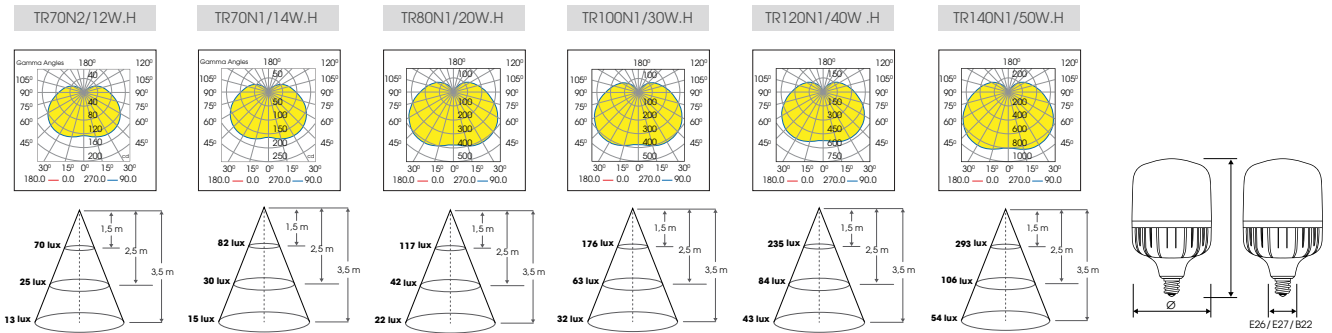
Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)	Market
A 60/8W	60x110	8	220÷240	0.5	720/760	90/95	3000/4000/5000/5700/6500	80/90/Sunlike	180	15000	
A 60/10W	60x110	10	220÷240	0.5	900/950	90/95	3000/4000/5000/6500/8000	80/90/Sunlike	180	15000	
A 60/12W	60x123	12	220÷240	0.5	1080/1140	90/95	3000/4000/5000/6500/8000	80/90/Sunlike	180	15000	
A60N3/7W.H	60x108	7	120/ 220÷240/ 100÷277V	0.5/0.7/0.9	560/630	80/90	3000/4000/5000/6500/8000	80/90/Sunlike	180	20000	
A60N1/9W.H	60x108	9	120/ 220÷240/ 100÷277V	0.5/0.7/0.9	720/810	80/90	3000/4000/5000/5700/6500	80/90/Sunlike	180	20000	
A70N1/12W.H	70x138	12	120/ 220÷240/ 100÷277V	0.5/0.7/0.9	1020/1080	85/90	3000/4000/5000/6500/8000	80/90/Sunlike	180	20000	
A80N1/15W.H	80x155	15	120/ 220÷240/ 100÷277V	0.5/0.7/0.9	1270/1350	85/90	3000/4000/5000/6500/8000	80/90/Sunlike	180	20000	
A95N1/20W.H	95x187	20	120/ 220÷240/ 100÷277V	0.5/0.7/0.9	1800/1900	90/95	3000/4000/5000/6500/8000	80/90/Sunlike	180	20000	
A120N1/30W.H	120x220	30	120/ 220÷240/ 100÷277V	0.5/0.7/0.9	2550/2850	85/90	3000/4000/5000/6500/8000	80/90/Sunlike	180	20000	



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)	Market
TR100N2/27W	100x185	27	220÷240	0.9	2300/2500	85/92	3000/6500	80	180	25,000	South Korea
TR100/30W	100x185	30	220÷240	0.5	2700/2850	90/95	3000/6500	80	180	15,000	South Korea
TR120N2/36W	120x208	36	220÷240	0.9	3200/3600	88/100	3000/6500	80	180	25,000	South Korea
TR120/40W	120x205	40	220÷240	0.5	3600/3800	90/95	3000/6500	80	180	15,000	South Korea
TR70N2/ 12WH	70x128	12	120/ 220÷240/ 100÷277V	0.5/0.7/ 0.9	1020/ 1080/ 1140/ 1200	85/ 90/ 95/ 100	3000/ 4000/ 5000/ 5700/ 6500	80/ 90/ Sunlike	180	20,000	
TR70N1/ 14WH	70x128	14	120/ 220÷240/ 100÷277V	0.5/0.7/ 0.9	1190/ 1260/ 1330/ 1400	85/ 90/ 95/ 100	3000/ 4000/ 5000/ 5700/ 6500	80/ 90/ Sunlike	180	20,000	
TR80N1/ 20WH	80x143	20	120/ 220÷240/ 100÷277V	0.5/0.7/ 0.9	1700/ 1800/ 1900/ 2000	85/ 90/ 95/ 100	3000/ 4000/ 5000/ 5700/ 6500	80/ 90/ Sunlike	180	20,000	
TR100N1/ 30WH	100x185	30	120/ 220÷240/ 100÷277V	0.5/0.7/ 0.9	2550/ 2700/ 2850/ 3000	85/ 90/ 95/ 100	3000/ 4000/ 5000/ 5700/ 6500	80/ 90/ Sunlike	180	20,000	
TR120N1/ 40WH	120x208	40	120/ 220÷240/ 100÷277V	0.5/0.7/ 0.9	3400/ 3600/ 3800/ 4000	85/ 90/ 95/ 100	3000/ 4000/ 5000/ 5700/ 6500	80/ 90/ Sunlike	180	20,000	
TR140N1/ 50WH	140x225	50	120/ 220÷240/ 100÷277V	0.5/0.7/ 0.9	4250/ 4500/ 4750/ 5000	85/ 90/ 95/ 100	3000/ 4000/ 5000/ 5700/ 6500	80/ 90/ Sunlike	180	20,000	
TR160N1/ 60WH	160x242	60	120/ 220÷240/ 100÷277V	0.5/0.7/ 0.9	5100/ 5400/ 5700/ 6000	85/ 90/ 95/ 100	3000/ 4000/ 5000/ 5700/ 6500	80/ 90/ Sunlike	180	20,000	



Not Chemicals

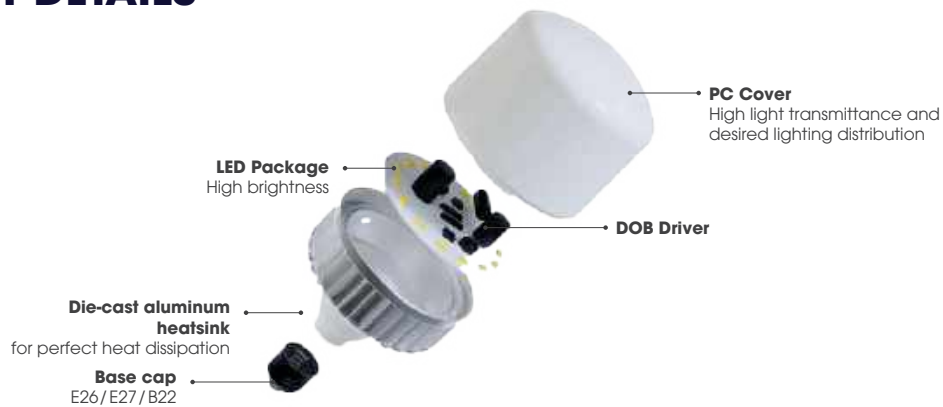


Environmentally Friendly and Safe



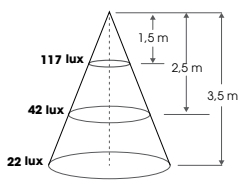
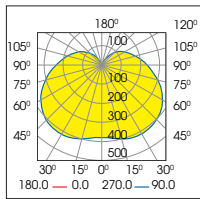


PRODUCT DETAILS

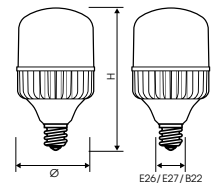
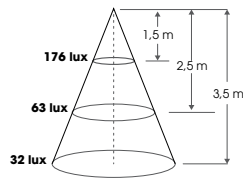
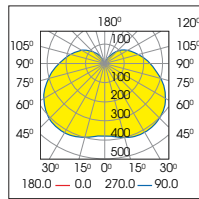


LUMINOUS INTENSITY DISTRIBUTION

TR80ND2/20W.H



TR100ND2/30W.H



PRODUCT SPECIFICATIONS

Model	Dimension (øxL) (mm)	Power (W)	Voltage (V)	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
TR80ND2/20W.H	80x146	20	0.5/0.7/0.9	1700/1900	85/95	3000/4000/5000/5700/6500	80/90/Sunlike	180	30,000
TR100ND2/30W.H	100x175	30	0.5/0.7/0.9	2550/2850	85/95	3000/4000/5000/5700/6500	80/90/Sunlike	180	30,000
TR135ND1/60W.H	135x236	60	0.5/0.7/0.9	5100/5700	85/95	3000/4000/5000/5700/6500	80/90/Sunlike	180	30,000
TR135ND1/80W.H	135x250	80	0.5/0.7/0.9	7200/8000	90/100	3000/4000/5000/5700/6500	80/90/Sunlike	180	30,000



OUTDOOR LIGHTING

PRODUCT FEATURES:

- Voltage: 110/220/100 ÷ 277V
- Frequency: 50/60 Hz
- Power factor: 0.5 ÷ 0.9
- CCT: 3000K/4000K/5000K/5700K/6500K
- Customization available





LED FLOOD LIGHT

PRODUCT FEATURE

- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled and driver provided by Inventronics, MOSO, SOSEN or designed by Rang Dong with excellent performance
- High efficacy up to 150 lm/W
- Die-cast aluminum heatsink design for perfect heat dissipation
- IP65, IK08
- CE, KC complied
- Long lifespan: 50,000 hours, saving the maintenance cost
- Options:



120/ 220÷240/ 100÷277V



isolated / non-isolated



6 KV/ 10KV/ 20KV

APPLICATIONS

- Outdoor gardens, lawns, stadiums, open playgrounds, parks, billboards, etc.



isolated / non-isolated

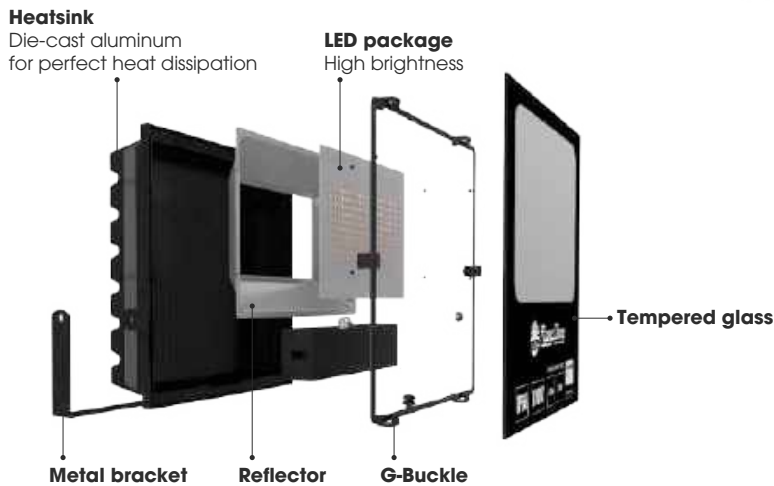


6 KV / 10KV / 20KV

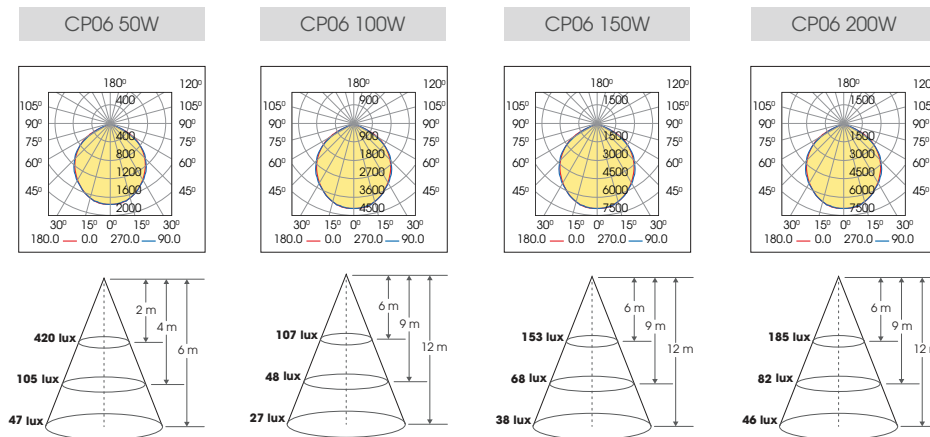
PRODUCT DETAILS



IP65



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
CP06 10W	136x116x40	10	120/ 220÷240/ 100÷277V	0.5/0.9	850	85	6500/5000/ 4000/3000	80	100	30,000
CP06 20W	136x116x40	20	120/ 220÷240/ 100÷277V	0.5/0.9	1550	78	6500/5000/ 4000/3000	80	100	30,000
CP06 30W	200x180x55	30	120/ 220÷240/ 100÷277V	0.5/0.9	2300	77	6500/5000/ 4000/3000	80	100	30,000
CP06 50W	220x197x55	50	120/ 220÷240/ 100÷277V	0.5/0.9	4150	83	6500/5000/ 4000/3000	80	100	30,000
CP06 100W	328x282x78	100	120/ 220÷240/ 100÷277V	0.5/0.9	9500	95	6500/5000/ 4000/3000	80	100	30,000
CP06 150W	405x335x85	150	120/ 220÷240/ 100÷277V	0.5/0.9	13500	90	6500/5000/ 4000/3000	80	100	30,000
CP06 200W	406x377x97	200	120/ 220÷240/ 100÷277V	0.5/0.9	20000	100	6500/5000/ 4000/3000	80	100	30,000



Not Chemicals



Environmentally Friendly and Safe



 30/60/90 degree

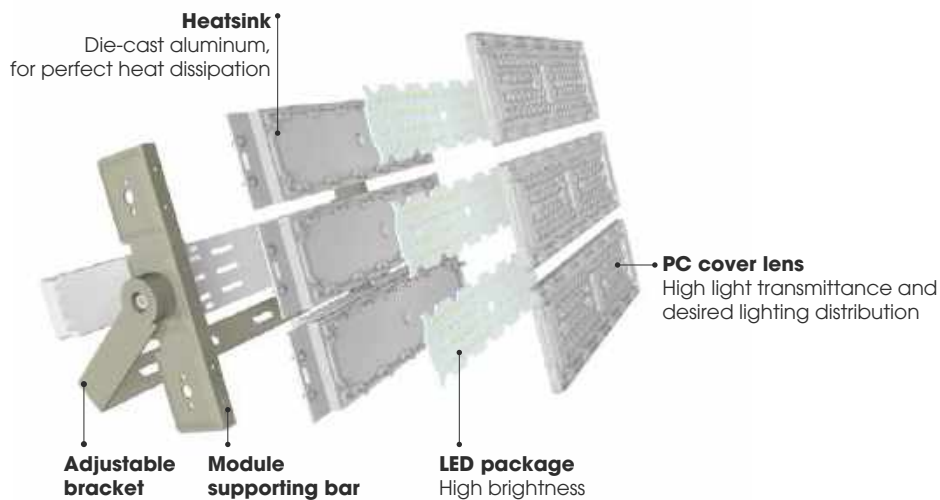
 120/220-240/ 100-277

 6KV/10KV/20KV

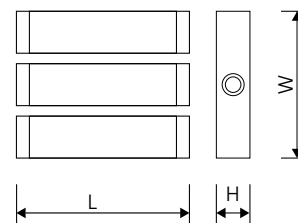
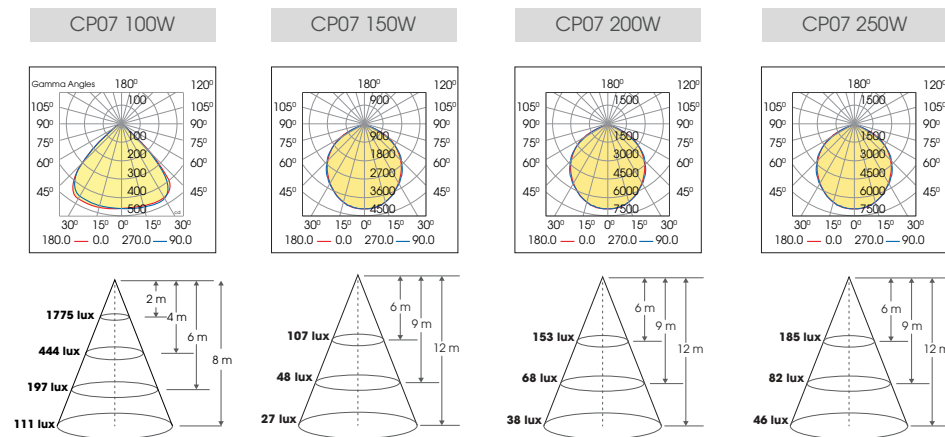


IP65

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



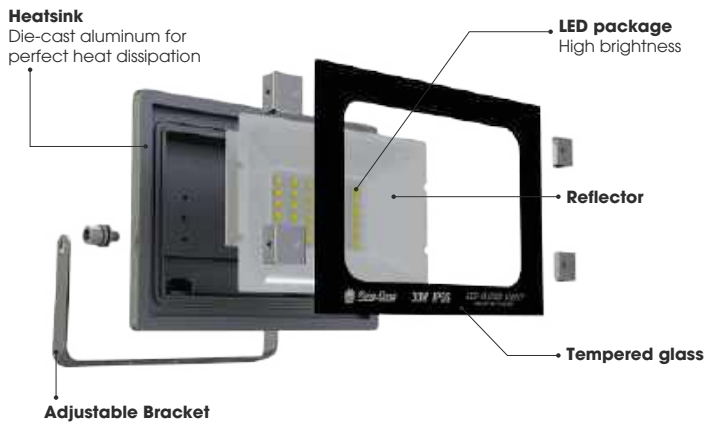
PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
CP07 100W	347x152x75	100	120/ 220÷240/ 100÷277V	0.95	13500	135	5000/ 4000	70	90	50,000
CP07 150W	347x232x75	150	120/ 220÷240/ 100÷277V	0.95	20250	135	5000/ 4000	70	90	50,000
CP07 200W	347x313x75	200	120/ 220÷240/ 100÷277V	0.95	27000	135	5000/ 4000	70	90	50,000
CP07 250W	347x394x75	250	120/ 220÷240/ 100÷277V	0.95	33750	135	5000/ 4000	70	90	50,000
CP07 400W	651x358x139	400	120/ 220÷240/ 100÷277V	0.95	54000	135	5000/ 4000	70	90	50,000

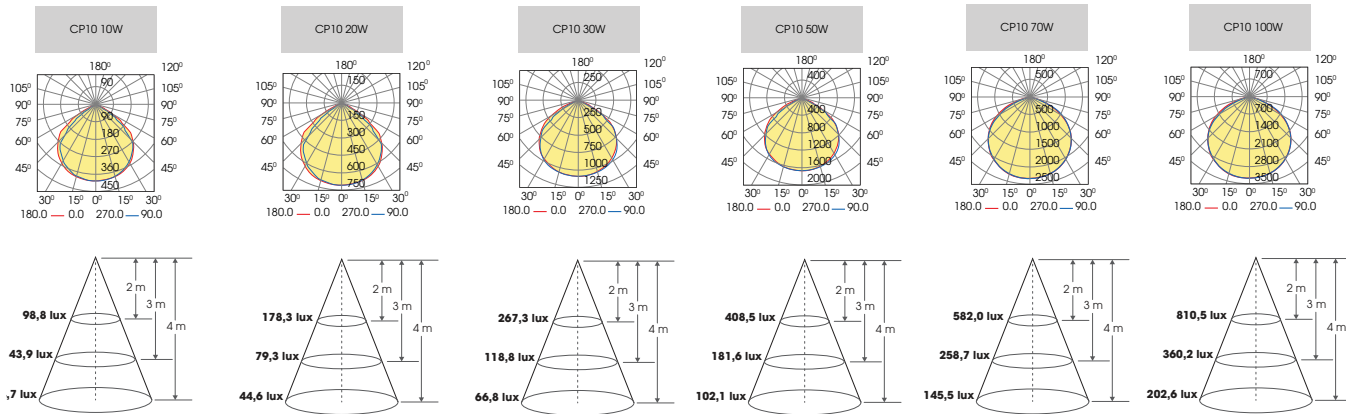


IP66

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI	Lifespan (hrs)
CP10 10W	100X94X30	10	120/ 220÷240/ 100÷277	0.5/0.9	950	95	3000/4000/6500	80	25,000
CP10 20W	130X110X32	20	120/ 220÷240/ 100÷277	0.5/0.9	1900	95	3000/4000/6500	80	25,000
CP10 30W	175x129x36	30	120/ 220÷240/ 100÷277	0.50/0.9	2850	95	3000/4000/6500	80	25,000
CP10 50W	213x144x38	50	120/ 220÷240/ 100÷277	0.50/0.9	4500	90	3000/4000/6500	80	25,000
CP10 70W	240X190X40	70	120/ 220÷240/ 100÷277	0.50/0.9	6650	95	3000/4000/6500	80	25,000
CP10 100W	275x208x40	100	120/ 220÷240/ 100÷277	0.50/0.9	9500	95	3000/4000/6500	80	25,000
CP10 150W	360X230X50	150	120/ 220÷240/ 100÷277	0.50/0.9	18750	125	3000/4000/6500	80	25,000
CP10 200W	405X288X50	200	120/ 220÷240/ 100÷277	0.50/0.9	25000	125	3000/4000/6500	80	25,000



LED STREET LIGHT

PRODUCT FEATURE

- High-quality LEDs provided by Samsung/ Seoul Semiconductor/ Nichia/ Lumiled and driver provided by Inventronics, MOSO, SOSEN or designed by Rang Dong with excellent performance
- High efficacy up to 150 lm/W
- Die-cast aluminum/ Pure extrusion aluminum heatsink design with perfect heat dissipation
- IP65, IK08/ IK09
- CE, KC complied
- Long lifespan: 50,000 hours, saving the maintenance cost
- Options:



120/ 220÷240/ 100÷277V



6 KV/ 10KV/ 20KV

+ Connect to lighting controller with standard Isolated 1-5V or 1-10V or 10VPWM or dimmer timer

APPLICATIONS

- Outdoor gardens, lawns, stadiums, open playgrounds, parks, billboards, etc.



120/220-240/ 100-277



10KV/20KV



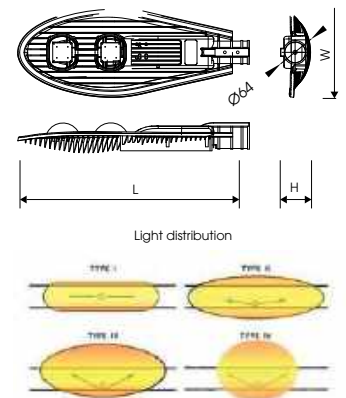
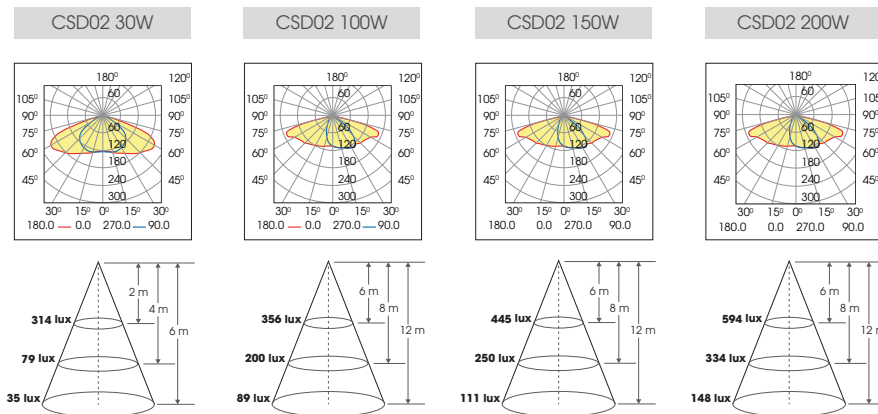
IP65

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION

Typical for type II



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Light distribution	Lifespan (hrs)
CSD02 30W	350x148x58	30	120/ 220÷240/ 100÷277V	0.5	3300	110	4000/ 5000	70	Type 2	30,000
CSD02 40W	620x260x100	40	120/ 220÷240/ 100÷277V	0.95	4400	110	4000/ 5000	70	Type 2	30,000
CSD02 60W	620x260x100	60	120/ 220÷240/ 100÷277V	0.95	6600	110	4000/ 5000	70	Type 2	30,000
CSD02 70W	620x260x100	70	120/ 220÷240/ 100÷277V	0.95	7700	110	4000/ 5000	70	Type 2	30,000
CSD02 100W	725x285x100	100	120/ 220÷240/ 100÷277V	0.95	12500	125	4000/ 5000	70	Type 2	30,000
CSD02 120W	725x285x100	120	120/ 220÷240/ 100÷277V	0.95	16200	135	4000/ 5000	70	Type 2	30,000
CSD02 150W	725x285x100	150	120/ 220÷240/ 100÷277V	0.95	19500	130	4000/ 5000	70	Type 2	30,000
CSD02 200W	830x340x100	200	120/ 220÷240/ 100÷277V	0.95	23000	115	4000/ 5000	70	Type 2	30,000



Not Chemicals



Environmentally Friendly and Safe





120 / 220-240 / 100-277



10KV / 20KV



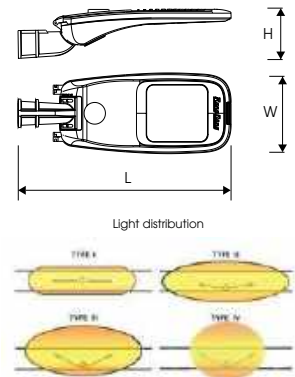
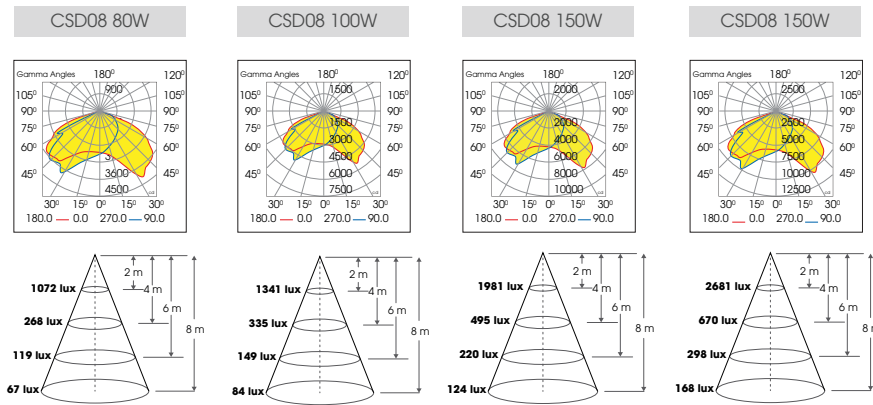
IP65

PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION

Typical for type II



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Light distribution	Lifespan (hrs)
CSD08 80W	666x250x150	80	120 / 220±240 / 100±277V	0,9	10400	130	4000 / 5000	70	Type 2	50,000
CSD08 100W	740x300x150	100	120 / 220±240 / 100±277V	0,95	13000	130	4000 / 5000	70	Type 2	50,000
CSD08 120W	740x300x150	120	120 / 220±240 / 100±277V	0,95	15600	130	4000 / 5000	70	Type 2	50,000
CSD08 150W	740x300x150	150	120 / 220±240 / 100±277V	0,95	19500	130	4000 / 5000	70	Type 2	50,000
CSD08 200W	805x350x150	200	120 / 220±240 / 100±277V	0,95	26000	130	4000 / 5000	70	Type 2	50,000



Not Chemicals



Environmentally Friendly and Safe





120/220-240/ 100-277



6KV/10KV



IP65

CSD09 STREET LIGHT

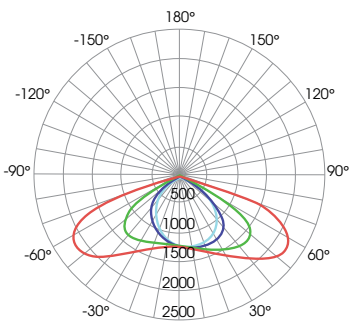
PRODUCT DETAILS



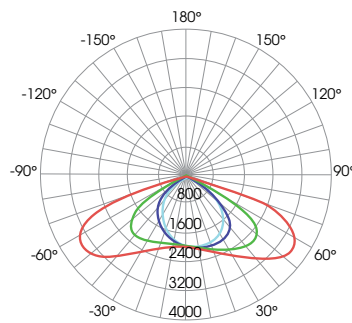
LUMINOUS INTENSITY DISTRIBUTION

Typical for type II

CSD09 30W.PLUS



CSD09 50W.PLUS



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Light distribution	Lifespan (hrs)
CSD09 30W.PLUS	322x124x60	30	120/ 220÷240/ 100÷277V	0,9	3750	125	4000/ 5000	70	Type 2	50,000
CSD09 50W.PLUS	399x139x70	50	120/ 220÷240/ 100÷277V	0,9	6500	130	4000/ 5000	70	Type 2	50,000



Not Chemicals



Environmentally Friendly and Safe

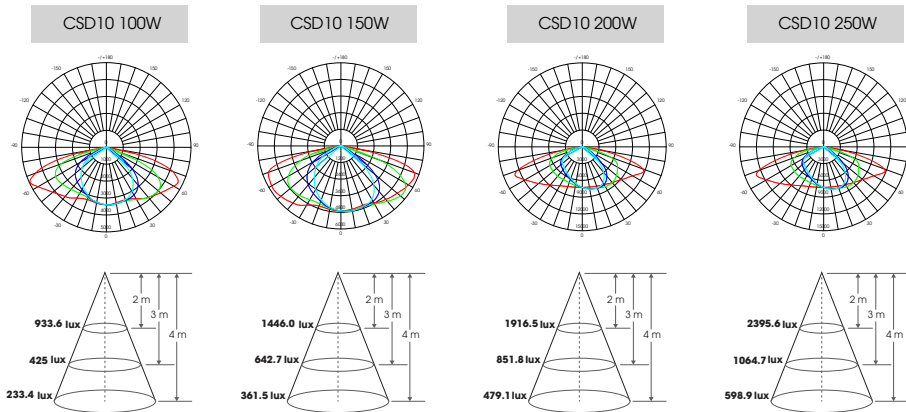




PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Power factor	Luminous flux (lm)	Luminous efficacy (lm/W)	CCT (K)	Lifespan (hrs)
CSD10 100W	577x232x103	100	120/ 220÷240/ 100÷277V	0.95	14000	140	4000/ 5000	50,000
CSD10 150W	627x272x103	150	120/ 220÷240/ 100÷277V	0.95	22500	150	4000/ 5000	50,000
CSD10 200W	768x301x103	200	120/ 220÷240/ 100÷277V	0.95	30000	150	4000/ 5000	50,000
CSD10 250W	768x301x103	250	120/ 220÷240/ 100÷277V	0.95	37500	150	4000/ 5000	50,000

LIGHTING SOLUTION

PRODUCT FEATURES:

- Voltage: 110/220/100 ÷ 277V
- Frequency: 50/60 Hz
- Power factor: 0.5 ÷ 0.9
- CCT: 3000K/4000K/5000K/5700K/6500K
- Customization available





LED SOLAR LIGHT



SOLAR STREET LIGHTS - SEPARATE SOLAR PANEL



PRODUCT FEATURE

- Using Samsung LED specialized for outdoor lighting, high efficiency, exclusive in Vietnam.
- Light distribution design suitable for street lighting.
- Rugged housing and mounting structure, waterproof (IP66) and safe to install.
- Highly-efficient Lithium LiFePO4 battery and solar panels with long lifespan and low replacement costs.
- Energy-efficient, eco-friendly, no electric wires during installation to preserve the landscapes.
- Remote control with 5 brightness modes.
- Lights on/off according to ambient light sensor

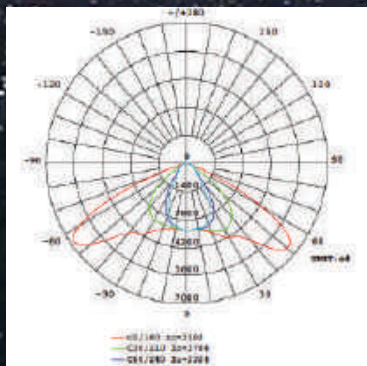
APPLICATIONS

- Streets, school yards, factories, public areas, areas with low light or no electricity, borders, parks, hospitals.
- Internal roads of industrial zones and urban areas.

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel				Wire length (m)	Pole diameter (mm)
					Technology	Voltage / Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)		
CSD01.SL.RF 25W	25	2100	5000/ 6500	12	LITHIUM LiFePO4	3.2V / 20Ah	> 10	Polycrystalline 25W	6	>20	530x350x17	1.0	60
CSD01.SL.RF 35W	35	2700	5000/ 6500	12	LITHIUM LiFePO4	3.2V / 30Ah	> 10	Polycrystalline 35W	6	>20	670x350x17	1.0	60
CSD02.SL.RF 50W	50	3500	5000/ 6500	12	LITHIUM LiFePO4	3.2V / 40Ah	> 10	Polycrystalline 50W	6	>20	670x450x25	1.0	60
CSD01.SL.RF V2 30W	30	3200	5000/ 6500	12	LITHIUM LiFePO4	3.2V / 50Ah	> 10	Polycrystalline 65W	5	>20	670x532x30	2.0	60
CSD01.SL.RF V2 50W	50	4600	5000/ 6500	12	LITHIUM LiFePO4	3.2V / 65Ah	> 10	Polycrystalline 95W	5	>20	758x670x30	2.0	60





- 70W
- 100W
- 120W

PRODUCT FEATURE

- Highly - efficient Lithium LiFePO4 battery and solar panels with long lifespan and low replacement costs.
- Die-cast aluminum housing for high durability and heat resistance, good mechanical impact resistance.
- Customize brightness mode according to customer’s request
- Optical distribution suitable for road lighting
- Light sensor, remote control
- Light intensity adjustable
- 5 lighting modes with MPPT controller

APPLICATIONS

- Streets, school yards, factories, public areas, areas with low light or no electricity.
- Borders, parks, hospitals.
- Internal roads of industrial zones and urban areas.

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel				Wire length (m)	Pole diameter (mm)
					Technology	Voltage / Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)		
CSD02.SL 70W	70	8000	5000 / 6500	12	LITHIUM LiFePO4	12.8V / 42Ah	> 10	Monocrystalline 100W	18	>20	1225x520x30	3.5	60
CSD02.SL 100W	100	10500	5000 / 6500	12	LITHIUM LiFePO4	12.8V / 54Ah	> 10	Monocrystalline 130W	18	>20	1120x670x35	3.5	60
CSD02.SL 120W	120	12000	5000 / 6500	12	LITHIUM LiFePO4	12.8V / 54Ah	> 10	Monocrystalline 170W	18	>20	1480x670x35	3.5	60
CSD06.SL 100W	100	12000	5000 / 6500	12	LITHIUM LiFePO4	25.6V / 48Ah	> 10	Monocrystalline 210W	36	>20	1500x680x35	3.0	60



Not Chemicals



Environmentally Friendly and Safe





SOLAR STREET LIGHTS - SEPARATE SOLAR PANEL

500W
400W
300W

30W

PRODUCT FEATURE

- Solar lights work off-grid, no electricity costs, easy to install
- Optical distribution suitable for road lighting
- Using LENS PC / PMMA with high light transmission efficiency
- Remote control, built-in motion sensor
- Light intensity changeable

APPLICATIONS

- Streets, school yards, factories, public areas, areas with low light or no electricity.
- Borders, parks, hospitals, etc.
- Internal roads of industrial zones and urban areas.

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel			Pole diameter (mm)
					Technology	Voltage / Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	
CSD02.SL.RAD30W	30	2000	5000 / 6500	12	LITHIUM LiFePO4	3.2V / 25Ah	> 10	Monocrystalline 25W	6	>20	60
CSD03.SL.300W AIO	300	3000	6500	>18	LITHIUM LiFePO4	3.2V / 30Ah	> 10	Monocrystalline 40W	6	>20	48-60
CSD03.SL.400W AIO	400	4000	6500	>18	LITHIUM LiFePO4	3.2V / 40Ah	> 10	Monocrystalline 45W	6	>20	48-60
CSD03.SL.500W AIO	500	5000	6500	>18	LITHIUM LiFePO4	3.2V / 55Ah	> 10	Monocrystalline 55W	6	>20	48-60

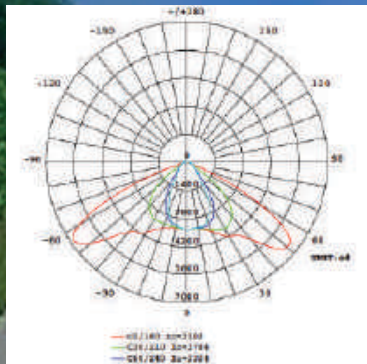


Not Chemicals



Environmentally Friendly and Safe





PRODUCT FEATURE

- The integrated light uses both solar energy and AC 220V grid electricity, suitable for installation in places with little sunshine or places where 100% lighting is required for 12 hours (all night) such as lighting urban roads, intra-provincial roads.
- Optical distribution suitable for road lighting
- Built-in light sensor that automatically turns on/ off during the day, set the maximum brightness mode or multi-level dimming (remote control).
- Lights automatically switch from solar to grid electricity when the battery is low.

APPLICATIONS

Streets, school yards, factories, public areas, areas with low light or no electricity.

- Borders, parks, hospitals, etc.
- Internal roads of industrial zones and urban areas.

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel				Wire length (m)	Pole diameter (mm)
					Tech-nology	Voltage / Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)		
CSD02.SL.HB 80W	80	8000	5000 / 6500	12	LITHIUM LiFePO4	12.8V / 42Ah	> 10	Monocrystalline 100W	18	>20	1225x520x30	3.5	60
CSD08.SL.HB 100W	100	10500	5000 / 6500	24	LITHIUM LiFePO4	25.6V / 30Ah	> 10	Monocrystalline 130W	36.5	>20	1160x590x30	3.5	60
CSD08.SL.HB 120W	120	12000	5000 / 6500	24	LITHIUM LiFePO4	25.6V / 30Ah	> 10	Monocrystalline 150W	36.5	>20	1380x590x30	3.5	60



Not Chemicals



Environmentally Friendly and Safe





SOLAR RADAR MOTION SENSOR STREET LIGHT

PRODUCT FEATURE

- Smart charge / discharge controller with battery protection function
- 5 lighting modes by Remote
- Control light on and off according to ambient light sensor or by Remote and motion sensor

APPLICATIONS

- Streets in small towns, villages, interchange roads

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel				Pole diameter (mm)
					Technology	Voltage / Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)	
CSD02.SL.RFRAD 200W	200	2000	5000 / 6500	>12	LITHIUM LiFePO4	3.2V / 20Ah	> 10	Polycrystalline 25W	6	>20	428x174x68	60
CSD02.SL.RFRAD 300W	300	3500	5000 / 6500	>12	LITHIUM LiFePO4	3.2V / 40Ah	> 10	Polycrystalline 60W	6	>20	556x212x79	60



PRODUCT FEATURE

- Using SAMSUNG LEDs Chip for high performance, high quality, suitable for outdoor lighting
- Die-cast aluminum housing, waterproof (IP65)
- The structure of the solar panel mount is firmer, safer than similar products on the market
- Light sensor, control lights on/ off both day and night (or by remote).
- Light intensity changeable

APPLICATIONS

- Solar flood lights are widely used for landscape lighting, gardens, warehouses, billboards, residential lighting, etc.

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel				Wire length (m)
					Tech-nology	Voltage/ Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)	
CP02.SL.RF.30W	30	1200	3000/6500	12	LITHIUM LiFePO4	3.2V/ 15Ah	>10	Polycrystalline 20W	6	>20	450x350x17	6.5
CP02.SL.RF.40W	40	1300	3000/6500	12	LITHIUM LiFePO4	3.2V/ 20Ah	>10	Polycrystalline 30W	6	>20	610x350x17	6.5
CP02.SL.RF.50W	50	1700	3000/6500	12	LITHIUM LiFePO4	3.2V/ 20Ah	>10	Polycrystalline 35W	6	>20	670x350x17	6.5
CP02.SL.RF.70W	70	2000	3000/6500	12	LITHIUM LiFePO4	3.2V/ 30Ah	>10	Polycrystalline 50W	6	>20	670x540x25	6.5
CP02.SL.RF.100W	100	3000	3000/6500	12	LITHIUM LiFePO4	3.2V/ 40Ah	>10	Polycrystalline 65W	6	>20	760x670x30	6.5
CP02.SL.RF.150W	150	4000	3000/6500	12	LITHIUM LiFePO4	3.2V/ 60Ah	>10	Polycrystalline 90W	6	>20	890x670x30	4.5



Not Chemicals



Environmentally Friendly and Safe





PRODUCT FEATURE

- Smart battery charge/discharge controller, with battery protection function and 5 brightness modes allowing the light to work for a long time and light flexibly
- Has battery status indicator light
- Convenient installation, no need for grid electricity
- Light intensity changeable
- Control lights on and off according to ambient light sensors or hand-held controls (Remote)
- RADAR sensor for motion

APPLICATIONS

- Solar flood lights are widely used for landscape lighting, gardens, warehouses, billboards, residential lighting, etc.

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel				Wire length (m)
					Technology	Voltage/ Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)	
CP03.SL 200W	200	1200	6500	13	LITHIUM LiFePO4	3.2V/ 15Ah	> 10	Polycrystalline 18W	6	>20	400x350x17	5
CP03.SL 300W	300	1800	6500	13	LITHIUM LiFePO4	3.2V/ 27.5Ah	> 10	Polycrystalline 30W	6	>20	600x350x17	5



PRODUCT FEATURE

- Using SAMSUNG LEDs for high performance, high quality, suitable for outdoor lighting
- Die-cast aluminum housing, waterproof (IP65)
- The structure of the solar panel mount is firmer, safer than similar products on the market
- Light sensor, control lights on / off both day and night (or by remote).
- Light intensity changeable

APPLICATIONS

- Solar flood lights are widely used for landscape lighting, gardens, warehouses, billboards, residential lighting, etc.

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel				Wire length (m)
					Technology	Voltage / Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)	
CP05.SL.RF 350W	350	3500	3000 / 6500	12	LITHIUM LiFePO4	3.2V / 35Ah	> 10	Polycrystalline 30W	6	>20	670x600x25	6.5



30W

50W

PRODUCT FEATURE

- Anti-corrosive, suitable for salt and marine environment.
- Using Samsung LEDs chip for strong, clear, stable light.
- Rugged construction, vibration and ingress resistance (IP65)
- Do not interfere with communication devices.
- RADAR sensor for motion
- Light sensor, control lights on/ off both day and night (or by remote).
- 5-levels dimming of brightness intensity.

APPLICATIONS

- The light is specialized for use in harsh environmental conditions (salt environment, marine, islands, on boats, etc.)
- Ships, landscape lighting, tourist areas, areas near the sea

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel				Wire length (m)
					Technology	Voltage/ Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)	
CP02.SL.RF.30W.TC	30	1200	3000/6500	12	LITHIUM LiFePO4	3.2V/ 15Ah	> 10	Polycrystalline 20W, anti-corrosion paint	6	>20	450x350x17	6.5
CP02.SL.RF.50W.TC	50	1700	3000/6500	12	LITHIUM LiFePO4	3.2V/ 20Ah	> 10	Polycrystalline 35W, anti-corrosion paint	6	>20	670x350x17	6.5



PRODUCT FEATURE

- Using Samsung LEDs for high luminous efficiency, long lifespan
- Brighter than normal products on the market
- Solid structure, optimal design between brightness/ battery/ solar panels
- Light sensor, control lights on / off both day and night (or by remote).
- Light intensity changeable

APPLICATIONS

- Lighting in warehouses, factories, shops, booths

SPECIFICATIONS

Model	Power (W)	Luminous flux (lm)	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel				Wire length (m)
					Tech-nology	Voltage/ Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)	
UFC01.SL.RF 150W	150	1500	6500	12	LITHIUM ION	3.2V/ 20Ah	> 10	Poly Crystalline 30W	6	20	600x350x17	Light Sensor
UFC01.SL.RF.DM 150W	150	1500	3000/ 4000/ 6500	12	LITHIUM ION	3.2V/ 20Ah	> 10	Poly Crystalline 30W	6	20	600x350x17	Light Sensor



PRODUCT FEATURE

- Smart charge/ discharge control helps protect the battery and adjusts the light for longer lighting time.
- Control off, turn on according to the light sensor or the lights change brightness / color according to the sound sensor when someone is near.
- Using Samsung LEDs for high performance, high quality.

APPLICATIONS

- Lighting garden, villas, apartment buildings, resorts, hotels.
- Lighting parks, walkways, landscapes, historical sites, cemeteries, pedestrian bridges, memorials, etc.

SPECIFICATIONS

Model	Power (W)	Beam angle	CCT (K)	Lighting duration (hrs)	UPS battery			Solar panel			Dimension (mm)
					Technology	Voltage/ Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	
DSV01.SL.2W	2	Beam angle	3000/6500	12	LITHIUM LiFePO4	3.2V/ 2Ah	> 10	Monocrystalline 2W	5	>20	185x550
DSV01.SL.3W	3	90	3000/6500	24	LITHIUM LiFePO4	3.7V/ 2.6Ah	> 10	Monocrystalline 3W	5	>20	60x100x600
RD-DSV2204	3	Beam angle	3000/6500	12	LITHIUM LiFePO4	3.2V/ 8Ah	> 10	Monocrystalline 4.5W	5	>20	260x250



Not Chemicals



Environmentally Friendly and Safe





PRODUCT FEATURE

- Products with IP box, integrated protection mode: IP 66, short circuit, connection to IP box, 2 aptomat, IP wire.
- High reliability: with thermal protection, overcharge, over discharge, short circuit, open circuit protection.
- Mode setting via function key.
- High efficiency intelligent 3-stage PWM full charge management.
- With IP66 case against water and sea salt corrosion, aptomat ensures electrical safety.

APPLICATIONS

- Used to charge batteries for household and business use, and to charge batteries for fishing boats

PRODUCT SPECIFICATIONS

Model	Battery voltage	Charging mode	Rated charging current (A)	Rated discharge current (A)	USB Output	Protective Aptomat (pcs)	Charger dimension (mm)	Solar panel dimension (mm)	Protective plastic box	Wire length (m)	Solar panel
SA01.SL 200W	12/24 (automatic recognition)	For water battery, dry battery	20	20	5V/2A	2	187x90x47	1580x670x35	None	7	32V / 200W - Monocrystalline
SA01.SL 200WH	12/24 (automatic recognition)	dry battery, lithium battery	20	20	5V/2A	2	187x90x47	1580x670x35	With IP plastic box, anti-termite	7	32V / 200W - Monocrystalline



PRODUCT FEATURE

- The product is used in places where there is often a lack of electricity or there is no electricity from the electricity grid.
- Integrated USB output (phone charger, etc) and DC 5V or 12V output (fan, etc).
- Convert sunlight into electrical energy for off-grid lighting

APPLICATIONS

- Camping, outdoor activities, stalls, night markets
- Use in cases of working early in the morning or late at night
- Use in cases of power failure

SPECIFICATIONS

Model	Power (W)	CCT (K)	Lighting duration (hrs)	UPS Battery			Solar panel				Wire length (m)
				Technology	Voltage/ Battery capacity	Lifespan (year)	Technology	Voltage (V)	Lifespan (year)	Dimension (mm)	
LD01.SL/5W	5	6500	>16	LITHIUM LiFePO4	3.2V/ 132Ah	>10	Polycrystalline	5	>20	195x175x17	3
LD01.SL/160Wh	160Wh	6500	12	LITHIUM LiFePO4	12.8V/ 12Ah	>10	Polycrystalline	18	>20	470x350x20	6



Not Chemicals



Environmentally Friendly and Safe





LED LIGHT FOR HI-TECH AGRICULTURE

PRODUCT FEATURE

- Color mixing light (white, blue, red) suitable for plant growing;
- light spectrum coincides with photosynthesis spectrum of plant.
- Red and far red light for plant flowering control.
- Photo period changing for plant flowering control
- Monochromatic (red) light for poultry farming (chick growing)

APPLICATIONS

- Tissue culture
- Plant growing
- Plant flowering
- Poultry farming



IP65

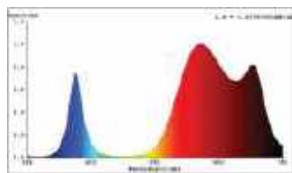
LED GROW LIGHT FOR DRAGON FRUIT

PRODUCT DETAILS

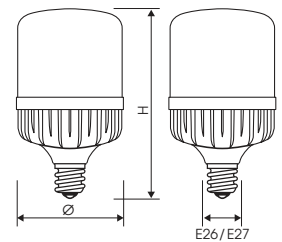


SPECTRUM

T60.TL XW / 5W



LED.TL-T60WFR / 9W



PRODUCT SPECIFICATIONS

Model	Dimension (ØxH) (mm)	Power (W)	Voltage (V)	Frequency (Hz)	PF	Photosynthetic Photon Flux (µmol/s)	Photosynthetic Photon Efficacy (µmol/J)	IP	Beam angle (°)	Lifespan (hrs)
T60.TL XW / 5W	60x106	5	220	50 / 60	0.5	8.2	1.65	65	360	20,000
LED.TL-T60WFR / 9W	60x114	9	220	50 / 60	0.5	12	1.35	65	360	15,000



Not Chemicals

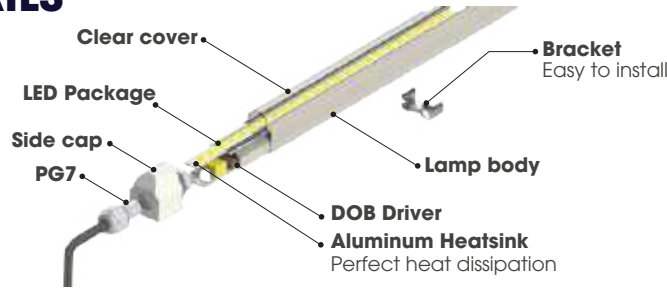


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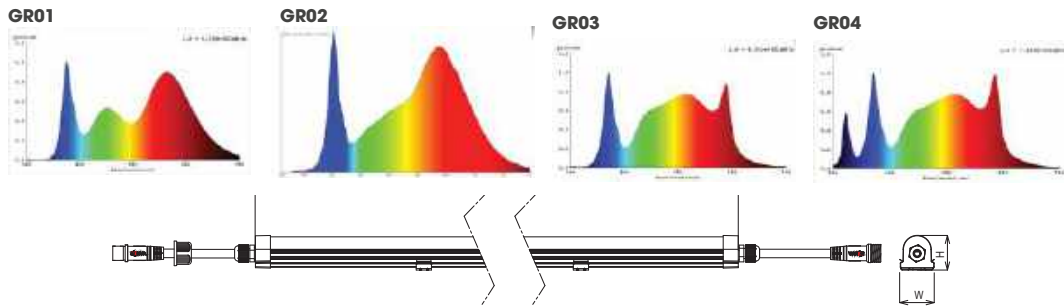




PRODUCT DETAILS



SPECTRUM

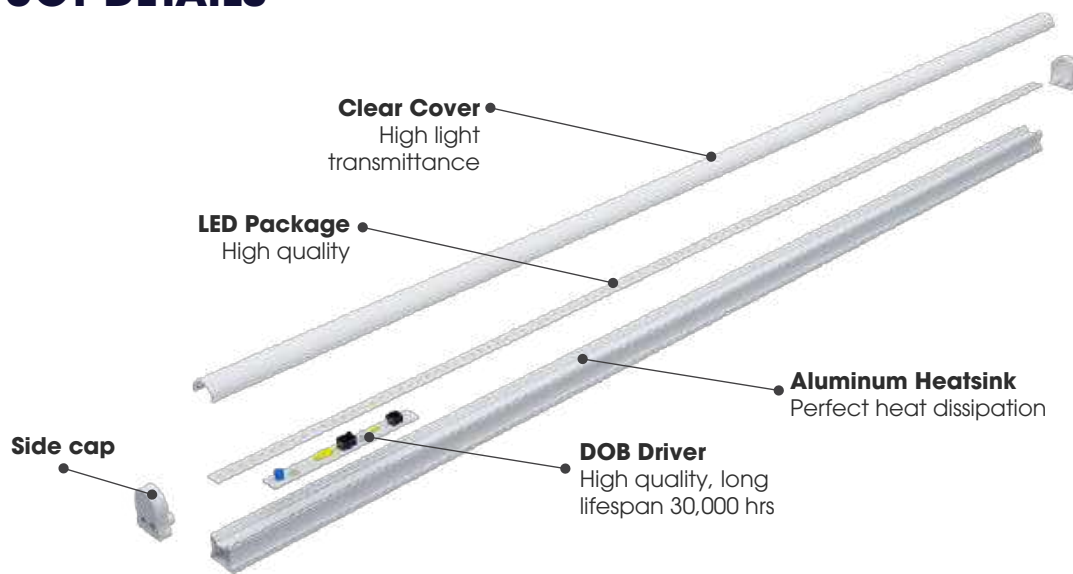


PRODUCT SPECIFICATIONS

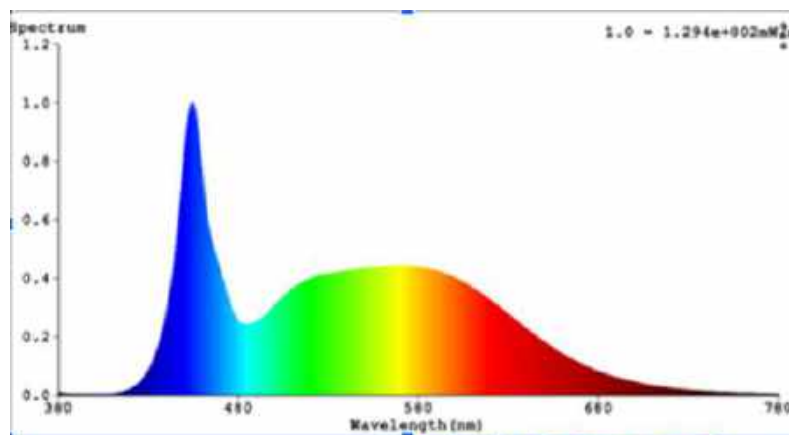
Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Frequency (Hz)	PF	Photosynthetic Photon Flux (μmol/s)	Photosynthetic Photon Efficacy (μmol/J)	IP	Beam angle (°)	Lifespan (hrs)	Market
T8 LT.GR01 1200/30W	1197x34	30	220	60	0,9	45	1.5	65	120	30,000	
T8 LT.GR01 1200/25W	1197x34	25	220	60	0,9	38	1.5	65	120	30,000	
T5 LT.GR01 1200/25W	1197x28.5	25	220	60	0,9	38	1.5	65	120	30,000	
T5 LT.GR01 1200/22W	1197x28.5	22	220	60	0,9	33	1.5	65	120	30,000	
T8 LT. GR02 1200/30W	1197x34	30	220	60	0,9	48	1.6	65	120	30,000	
T8 LT.GR02 1200/25W	1197x34	25	220	60	0,9	40	1.6	65	120	30,000	
T5 LT.GR02 1200/25W	1197x28.5	25	220	60	0,9	40	1.6	65	120	30,000	
T5 LT.GR02 1200/22W	1197x28.5	22	220	60	0,9	35	1.6	65	120	30,000	
T8 LT. GR03 1200/30W	1197x34	30	220	60	0,9	55	2.0	65	120	30,000	
T8 LT.GR03 1200/25W	1197x34	25	220	60	0,9	50	2.0	65	120	30,000	
T5 LT.GR03 1200/25W	1197x28.5	25	220	60	0,9	50	2.0	65	120	30,000	
T5 LT.GR03 1200/22W	1197x28.5	22	220	60	0,9	45	2.0	65	120	30,000	
T8 LT. GR04 1200/30W	1197x34	30	220	60	0,9	50	1.8	65	120	30,000	
T8 LT.GR04 1200/25W	1197x34	25	220	60	0,9	45	1.8	65	120	30,000	
T5 LT.GR04 1200/25W	1197x28.5	25	220	60	0,9	45	1.8	65	120	30,000	
T5 LT.GR04 1200/22W	1197x28.5	22	220	60	0,9	40	1.8	65	120	30,000	



PRODUCT DETAILS



SPECTRUM



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Frequency (Hz)	PF	Photosynthetic Photon Flux (μmol/s)	Photosynthetic Photon Efficacy (μmol/J)	IP	Beam angle (°)	Lifespan (hrs)	Market
T8.LT.GR02 1200/18W	1200x30.5	18	220	60	0.9	40	2.2	20	120	30,000	



Not Chemicals



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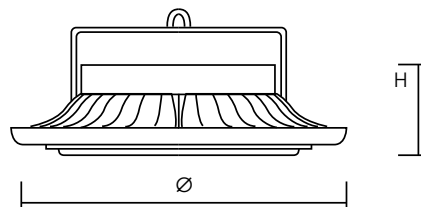
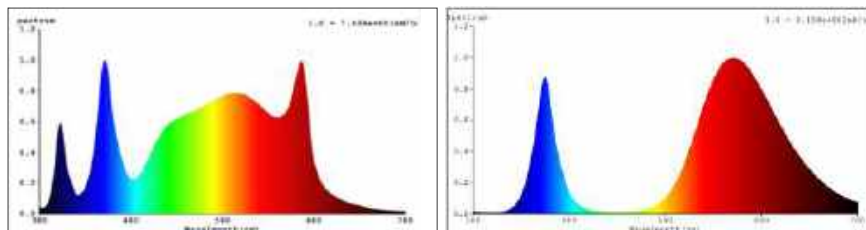
PRODUCT DETAILS



SPECTRUM

HB.GR04

HB.GR05



PRODUCT SPECIFICATIONS

Model	Dimension (ØxH) (mm)	Power (W)	Voltage (V)	Frequency (Hz)	PF	Photosynthetic Photon Flux (µmol/s)	Photosynthetic Photon Efficacy (µmol/J)	IP	Dimmable	Lifespan (hrs)	Market
HB.GR04 250/105W	250x150	105	220	60	0.9	190	1.8	65	0-10V	30,000	
HB.GR04 310/150W	310x185	150	220	60	0.9	270	1.8	65	0-10V	30,000	
HB.GR04 360/200W	360x185	200	220	60	0.9	360	1.8	65	0-10V	30,000	
HB.GR05 250/105W	250x150	105	220	60	0.9	145	1.4	65	0-10V	30,000	
HB.GR05 310/150W	310x185	150	220	60	0.9	210	1.4	65	0-10V	30,000	
HB.GR05 360/200W	360x185	200	220	60	0.9	275	1.4	65	0-10V	30,000	



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PRODUCT DETAILS



Accessories

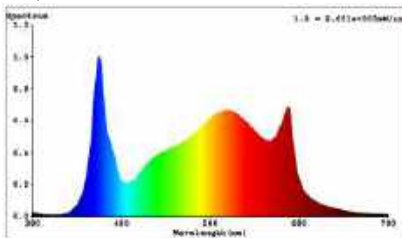


Plug (Option)

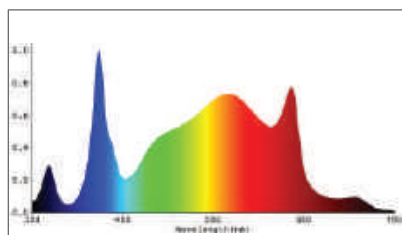
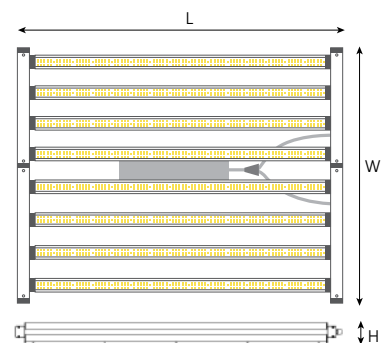
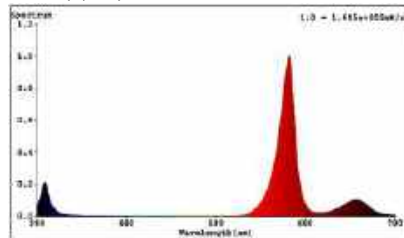


SPECTRUM

Full Spectrum



U-VR-FR (Option)











PRODUCT SPECIFICATIONS

Model	Dimension (LXWxH) (mm)	Power (W)	Voltage (V)	Spectrum	PF	Photosynthetic Photon Flux (μmol/s)	Photosynthetic Photon Efficacy (μmol/J)	IP	Beam angle (°)	Dimmable	Lifespan (hrs)	Market
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GEN 1

RD-600-HE G1	800x1212x110	600	120 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	1650	Up to 2.7	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-720-HE G1	1080x1212x110	720	120 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	1980	Up to 2.7	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-800-HE G1	1080x1212x110	800	120 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	2200	Up to 2.7	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	




GEN2: UVFR - Series Product Specification

RD-600.UF-HE G2	805x1212x85	600	120 ÷ 277	Full spectrum + UV + R + FR	0.95	1740	Up to 2.9	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-720.UF-SE G2	1088x1212x85	720	120 ÷ 277	Full spectrum + UV + R + FR	0.95	2088	Up to 2.9	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-1000.UF-SE G2	1368x1212x85	1000	180 ÷ 277	Full spectrum + UV + R + FR	0.95	2900	Up to 2.9	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	




GEN2: High Efficiency - Series Product Specification

RD-600-SE G2	805x1212x85	600	120 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	1740	Up to 2.9	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-720-SE G2	1088x1212x85	720	120 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	2088	Up to 2.9	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-1000-SE G2	1368x1212x85	1000	180 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	2900	Up to 2.9	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	

GEN 2: Standard - Series Product Specification

RD-600-ST G2	805x1212x85	600	120 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	1440	Up to 2.4	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-720-ST G2	1088x1212x85	720	120 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	1720	Up to 2.4	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-1000-ST G2	1368x1212x85	1000	180 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	2400	Up to 2.4	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	

GEN 3

RD-600-SE G3	805x1212x80	600	120 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	1710	Up to 2.9	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-720-SE G3	1088x1212x80	720	120 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	2050	Up to 2.9	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	
RD-1000-SE G3	1707x1212x80	1000	180 ÷ 277	Full spectrum (UV, Far Red are options)	0.95	2850	Up to 2.9	65	120	0-10 Dimming 25%-50%-75%-100% Knob +RJ14 Port	54,000	



LED LIGHT FOR FISHERY

PRODUCT FEATURE

- Distinguished light spectrum for different types of fishes.
- Good performance and reliable.
- Resistant to harsh condition (salt environment, vibration, etc.).
- Protection class: IP66
- High luminous efficacy (up to 130 lm/W).
- Various beam angles (with specialized lens).



IP66

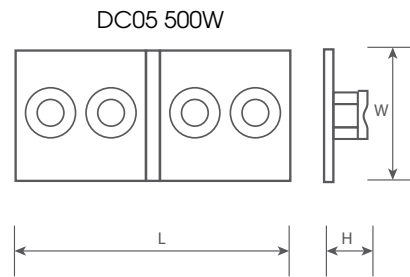
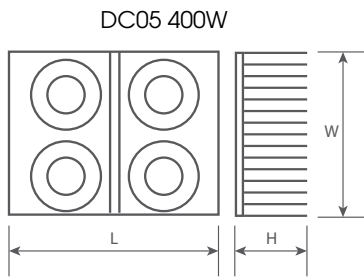
PRODUCT DETAILS

Optical Lens
Tempered glass, good transparency, anti-dust and water proof

Die-cast aluminum Housing
Surface finishing, good dissipation, waterproof, anti-corrosion, cold resistance, high temperature resistance

High brightness COB LED
High efficacy, energy saving

Gasket



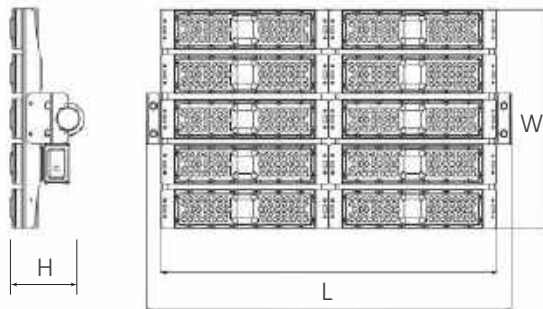
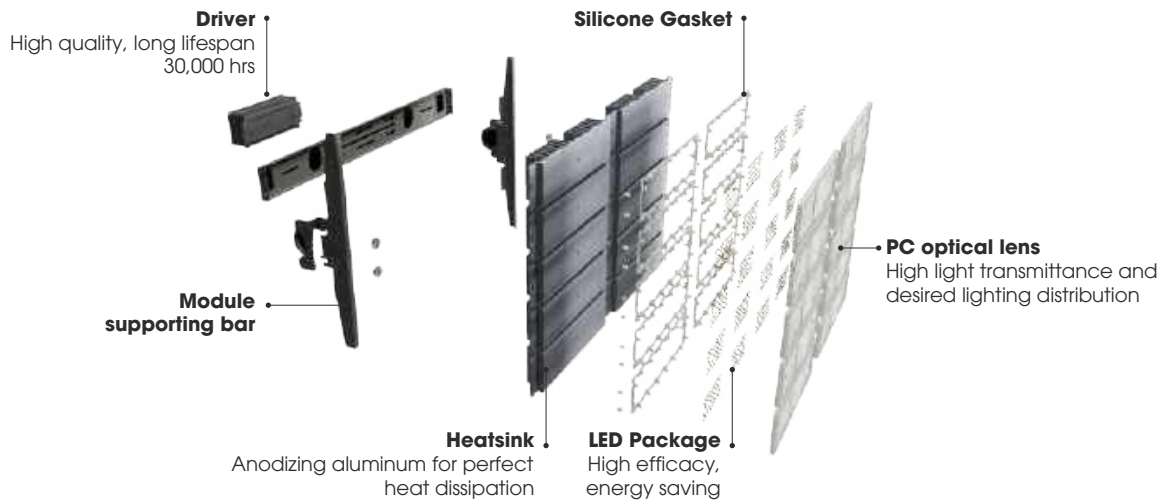
PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Frequency (Hz)	PF	Luminous Flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
DC05-400W	380x220x185	400	100±277	50/60	0.9	52000	130	3000/4000/5000	70	35/90/120	30,000
DC05-500W	450x220x145	500	100±277	50/60	0.9	65000	130	3000/4000/5000	70	35/90/120	30,000



IP66

PRODUCT DETAILS



PRODUCT SPECIFICATIONS

Model	Dimension (LxWxH) (mm)	Power (W)	Voltage (V)	Frequency (Hz)	PF	Luminous Flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
DC06.V2 250W	430x281x115	250	170-300	50/60	0.5	27500	110	4000	70	30/90	50,000
DC06.V2 500W	535x430x115	500	170-300	50/60	0.5	55000	110	4000	70	30/90	50,000



Not Chemicals



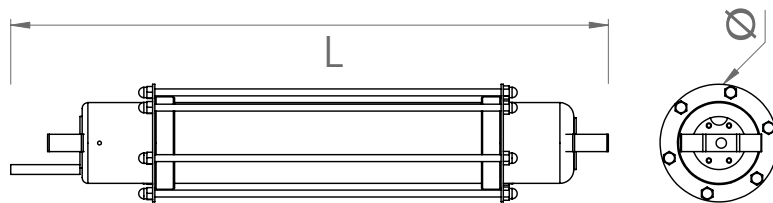
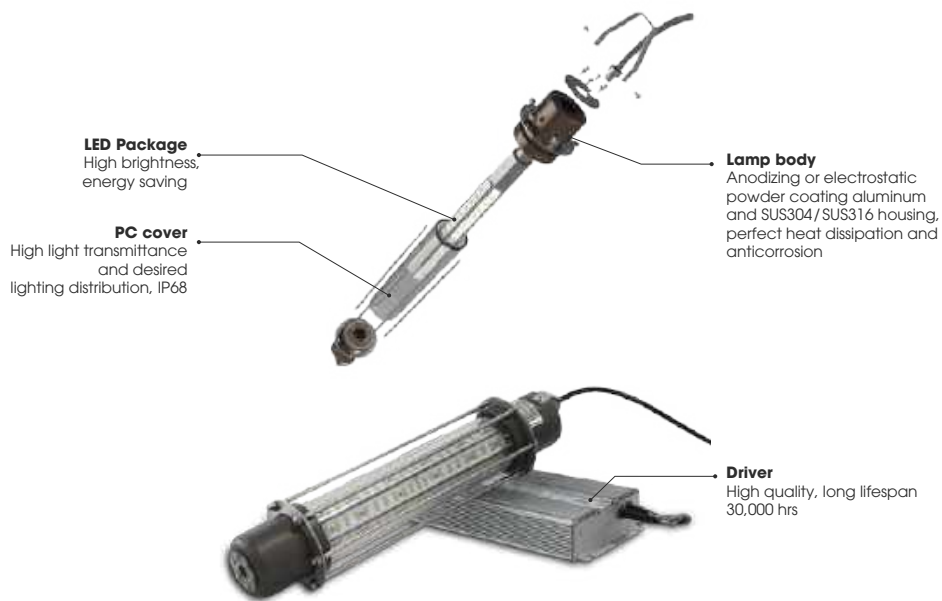
Environmentally Friendly and Safe





IP68

PRODUCT DETAILS

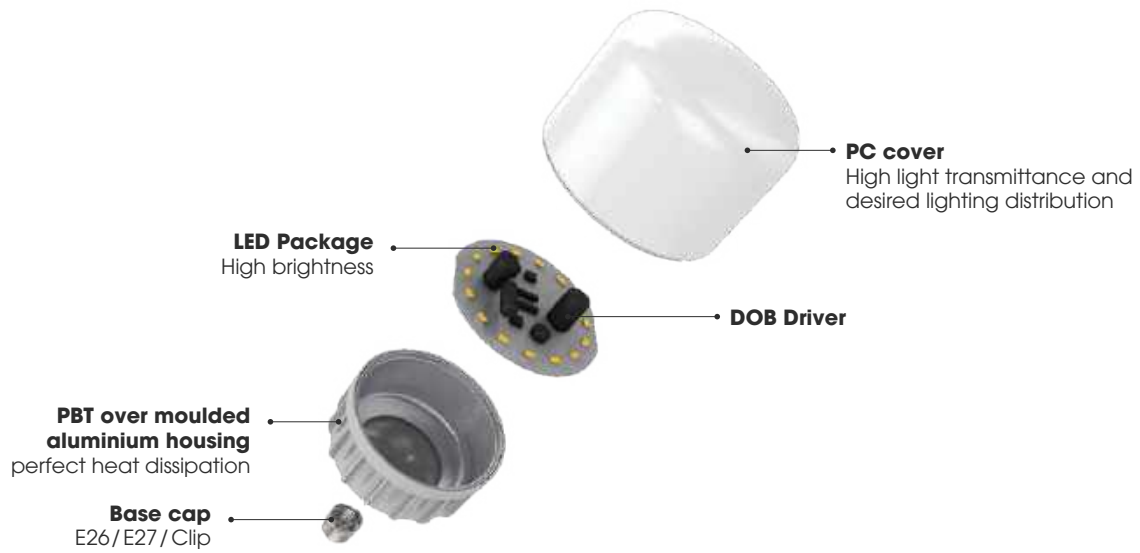


PRODUCT SPECIFICATIONS

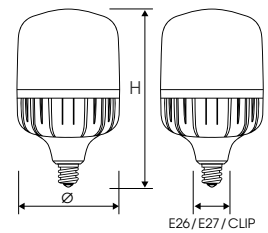
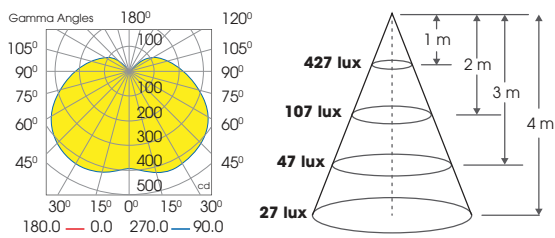
Model	Dimension (ØxL) (mm)	Power (W)	Voltage (V)	Frequency (Hz)	PF	Luminous Flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
TC01/200W	440x202	200	100±277	50/60	0.95	17000	85	Green/4000	70	360	30,000
TC01/600W	450x102	600	100±277	50/60	0.95	48000	80	Green/4000	70	360	30,000



PRODUCT DETAILS



LUMINOUS INTENSITY DISTRIBUTION



PRODUCT SPECIFICATIONS

Model	Dimension (øxH) (mm)	Power (W)	Voltage (VDC)	Luminous Flux (lm)	Luminous efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam angle (°)	Lifespan (hrs)
TR100.DC/30W	100x170	30	12 & 24	2700	90	6500	80	180	15,000

CERTIFICATES & PERMITS







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