

CATALOGUE

LED

20²⁰₂₁



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GENERAL MARKETS

LIGHT

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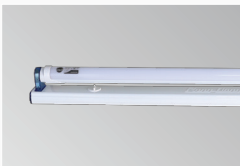


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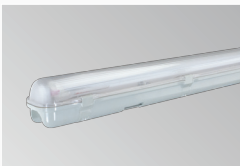


LUMINAIRE

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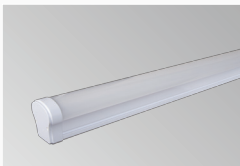
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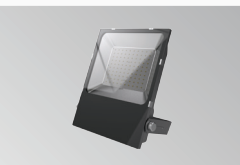
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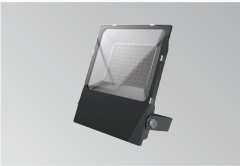


LIGHTS FOR AMERICAN MARKET

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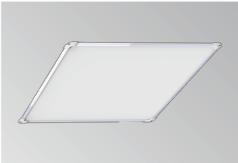


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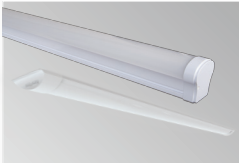
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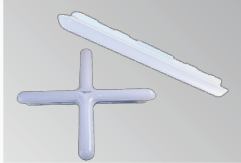
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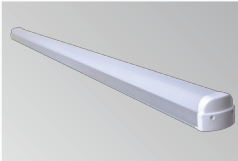
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LIGHTING SOLUTION

SMART LIGHTING

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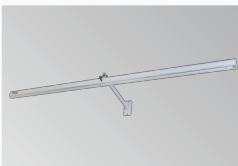


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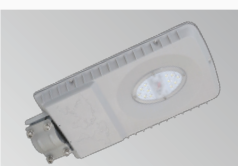
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AGRICULTURE LIGHT



SOLAR LIGHT

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p99 | SOLAR FLOOD LIGHT



ABOUT US

Business Description

Rang Dong provides commercial and residential lighting systems, consulting, design, repair and installation services.

Rang Dong has achieved remarkable growth for 30 consecutive years, strived to become the leading Vietnamese manufacturer and distributor of lighting products and solutions.



HISTORY

1958

Started construction of Rang Dong light Source and Vacuum Flask Factory in Hanoi.

1961

Rang Dong Light Source and Vacuum Flask Factory was established, the first of its kind in Vietnam.



1988 - 1998

Restructuring: The company reorganized production process, reorganized labor and renewed the management system.



2004

Rang Dong turned from a State - owned company to the Joint Stock business model.



2006

Rang Dong’s second factory was built in Bac Ninh Province.



2009

Rang Dong produced the first LED product.



2011

Established Lighting Research & Development Center (LRDC RAL) in March with association of more than 40 scientists and professors.



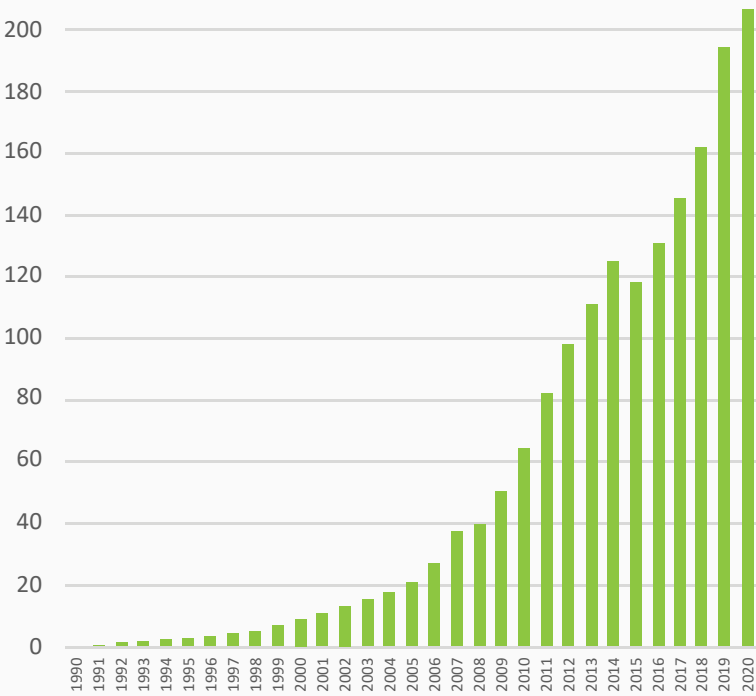
NOW

Rang Dong has experienced a consistent period of growth of tax income, revenue and profit for 30 consecutive years.



BUSINESS PERFORMANCE

SALES REVENUE 2020: 215 MILLION USD



Rang Dong is a leading company in the field of lighting in Vietnam

- Ranked in TOP 100 Famous Brands of ASEAN
- Ranked in TOP 500 Largest companies in Vietnam (9 consecutive years)
- Ranked in TOP 500 Largest private companies in Vietnam (9 consecutive years)
- Ranked in TOP 500 Most Profitable companies in Vietnam
- Ranked in TOP 500 fastest growing companies in Vietnam
- Ranked in TOP 10 Vietnam golden brands



**RESEARCH
& DEVELOPMENT**

 9001:2015	 Certification	 50001	
 Certification (EU market)	 Certification (Korea market)	 Certification (USA market)	 Certification (USA market)
 Eye protection (Standard: IEC 62471)	 Environmentally Friendly and Safe	 Not Chemicals	 Color Rendering Index
			
 LED package	 No flash (Non Flicker)	 Ingress protection	
 Dimmable	 Non Dimmable	 Warranty	

LIGHTS FOR GENERAL MARKETS

Product features:

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



BULB

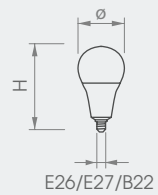
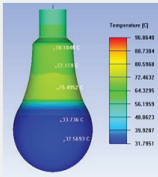
FEATURES

- Replacement of incandescent and compact fluorescent lamp.
- 70% energy savings compared to existing incandescent bulbs.
- Wide-angle light distribution

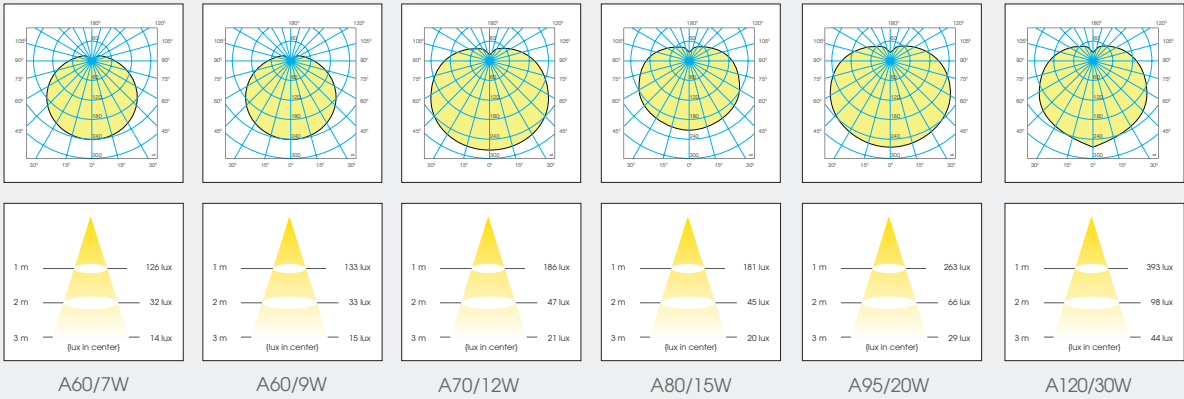
APPLICATIONS

- Office, shop, residence
- Parking lot, industrial facilities, subway, etc.

BULB



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Material	Dimension (ΦxH) (mm)
A60/7W	7	630	20000	AL+PC	60x111
A60/9W	9	810	20000	AL+PC	60x111
A70/12W	12	1200	20000	AL+PC	70x138
A80/15W	15	1500	20000	AL+PC	80x155
A95/20W	20	2000	20000	AL+PC	95x187
A120/30W	30	3000	20000	AL+PC	120x220



Environmentally
Friendly and Safe



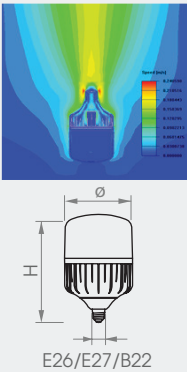
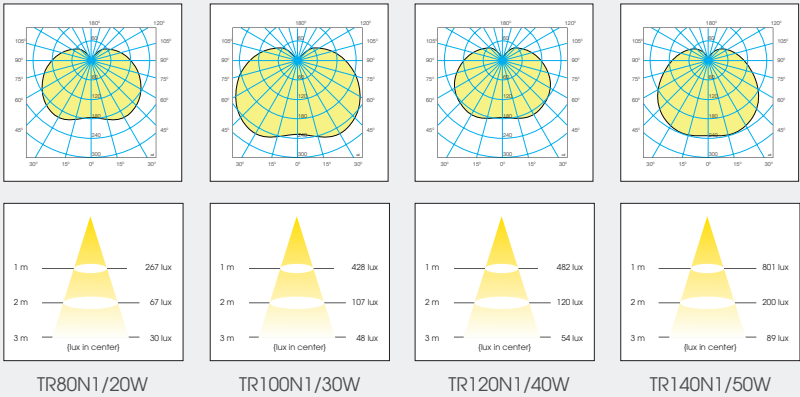
Not Chemicals



T-BULB
PC-AL



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Material	Dimension (ΦxH)
TR80N1/20W	20	2000	20000	AL+PC	81x143
TR100N1/30W	30	3000	20000	AL+PC	100x185
TR120N1/40W	40	3800	20000	AL+PC	120x208
TR140N1/50W	50	4750	20000	AL+PC	140x225



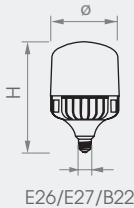
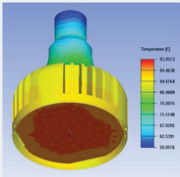
Environmentally
Friendly and Safe



Not Chemicals



T-BULB DIE - CASTING

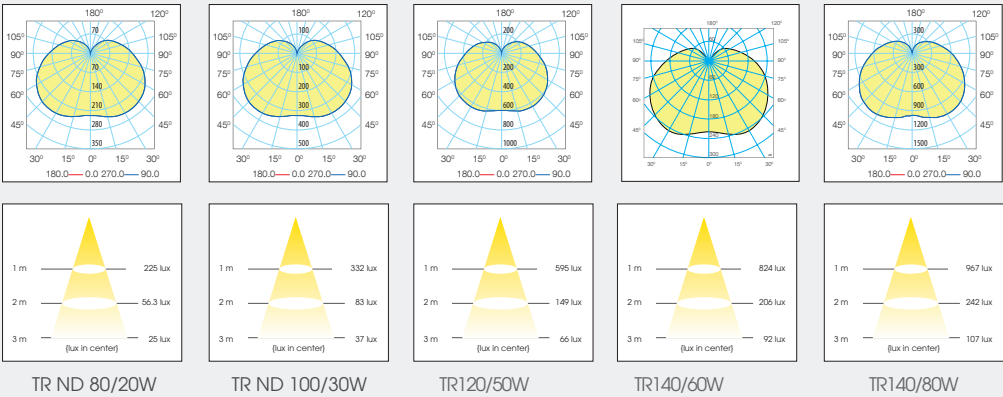


TR ND 20W/30W



TR 40W/50W/60W/80W

LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Material	Dimension (ΦxH) (mm)
TR ND 80/20W	20	2000	25000	AL	80x146
TR ND 100/30W	30	3000	25000	AL	100x175
TR100/40W	40	3800	25000	AL	100x185
TR120/50W	50	4800	25000	AL	120x210
TR140/60W	60	6000	25000	AL	140x231
TR140/80W	80	8000	25000	AL	140x250



Environmentally
Friendly and Safe



Not Chemicals



FILAMENT BULB

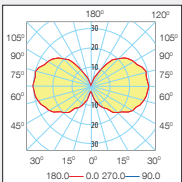


DT C35/2.5W

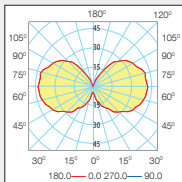


DT A60/4W/7W

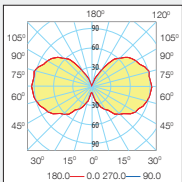
LIGHT DISTRIBUTION DATA



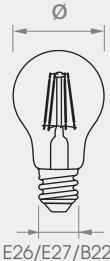
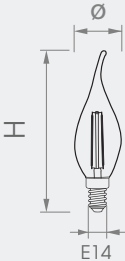
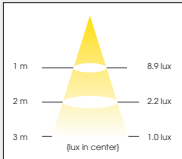
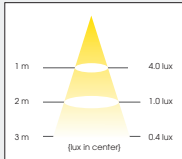
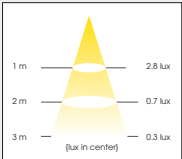
DT N/2.5W



DT A60/4W



DT A60/7W



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (ΦxH) (mm)
DT C35/2.5W	2.5	280	20000	35x122
DT A60/4W	4	400	15 000	60x108
DT A60/7W	7	880	15 000	60x108



Environmentally
Friendly and Safe



Not Chemicals





TUBE

- Tube (Full glass): non-flammable, high transmittance, single or double-ended with internal driver, wide beam angle.
- Tube (Aluminum + PC): good heat dissipation, double-ended with internal driver.

FEATURES

- Replacement of conventional fluorescent lamp
- Eco-friendly: No mercury, less CO2 emissions, no UV/IR
- Lifetime: 20000÷40000 hours
- Package: Samsung/ Seoul semi conductor
- Flicker free

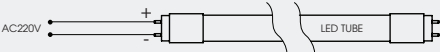
APPLICATIONS

- Office, shop, residence
- Parking lot, industrial facilities, warehouses, etc.

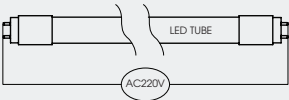
TUBE



Single ended wiring diagram

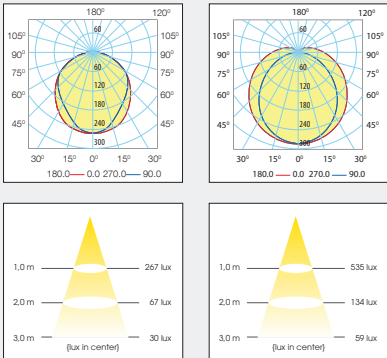


Double ended wiring diagram



AL-PC TUBE

LIGHT DISTRIBUTION DATA



TUBE T8 60/10W

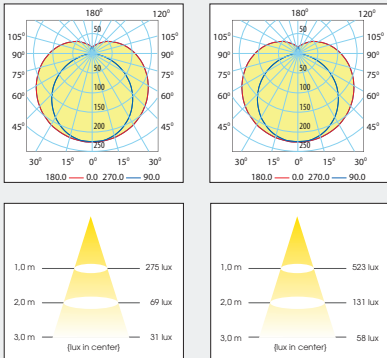
TUBE T8 120/18W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Base cap	Dimension (ΦxL) (mm)
TUBE T8 60/10W	10	1100	25000	G13	28x603
TUBE T8 120/18W	18	2000	25000	G13	28x1213

PC TUBE

LIGHT DISTRIBUTION DATA



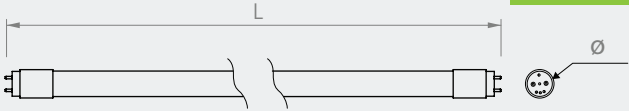
TUBE T8 N01 60/5.5W

TUBE T8 N01 120/11W

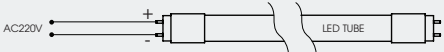
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Base cap	Dimension (ΦxL) (mm)
TUBE T8 N01 60/5.5W	5.5	1000	40000	G13	27x1213
TUBE T8 N01 120/11W	11	1900	40000	G13	27x1213

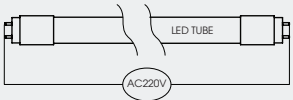
GLASS TUBE



Single ended
wiring diagram

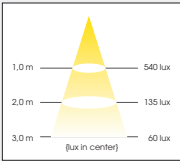
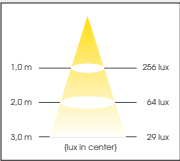
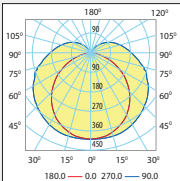
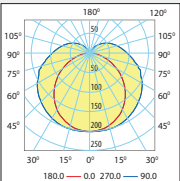


Double ended
wiring diagram



GLASS TUBE WITH COATING POWDER

LIGHT DISTRIBUTION DATA



TUBE T8 TT01
60/10W

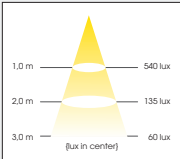
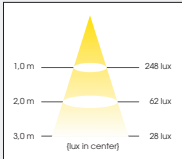
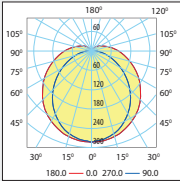
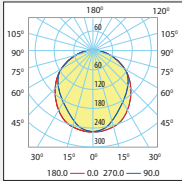
TUBE T8 TT01
120/18W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Base cap	Dimension (ΦxL) (mm)
TUBE T8 TT01 60/10W	10	1100	20000	G13	27x603
TUBE T8 TT01 120/18W	18	2160	20000	G13	27x1213

GLASS TUBE WITH PLASTIC COVER

LIGHT DISTRIBUTION DATA



TUBE T8 N02 60/10W

TUBE T8 N02 120/18W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Base cap	Dimension (ΦxL) (mm)
TUBE T8 N02 60/10W	10	1100/1000	20000	G13	27x603
TUBE T8 N02 120/18W	18	2160/2000	20000	G13	27x1213

CE: European Conformity (Conformité Européenne)



Environmentally
Friendly and Safe



Not Chemicals





LUMINAIRE

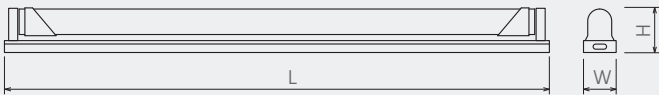
TUBE LUMINAIRE



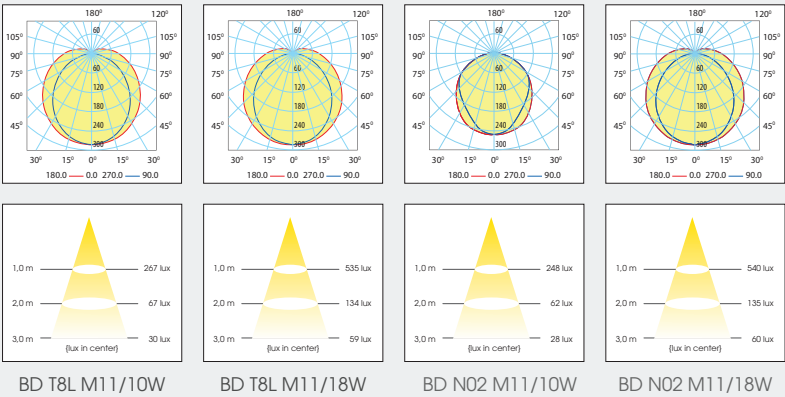
BD T8L M11 10W/18W



BD T8L N02 M11 10W/18W



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
BD T8L M11/10W	10	1100	25000	628x48x68
BD T8L M11/18W	18	2000	25000	1238x48x68
BD N02 M11/10W	10	1100	20000	628x48x62
BD N02 M11/18W	18	2160	20000	1238x48x62



Environmentally
Friendly and Safe



Not Chemicals



TUBE LUMINAIRE



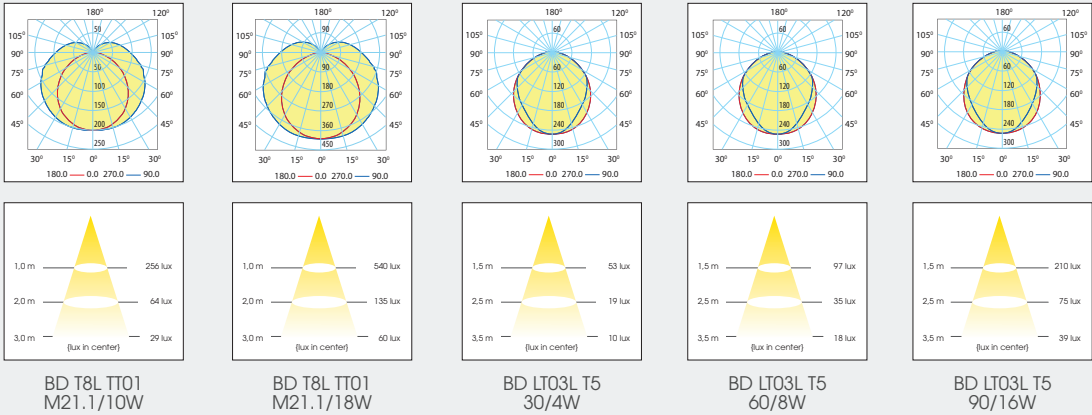
BD T8L TT01 M21.1/10W



BD LT03L T5 60/90/120 4W/8W/16W



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
BD T8L TT01 M21.1/10W	10	1100	20000	614x34x49
BD T8L TT01 M21.1/18W	18	2160	20000	1221x33x45
BD LT03L T5 30/4W	4	350	25000	300x22x35
BD LT03L T5 60/8W	8	760	25000	570x22x35
BD LT03L T5 120/16W	16	1600	25000	1180x22x35

WATER - PROOF LUMINAIRE CA



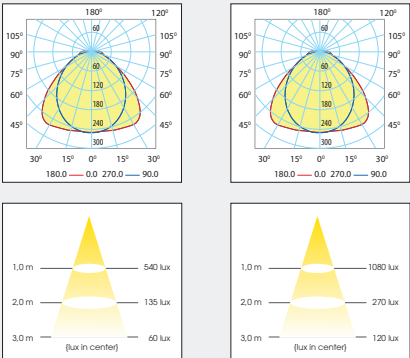
D LN CA01L/18Wx1



D LN CA01L/18Wx2

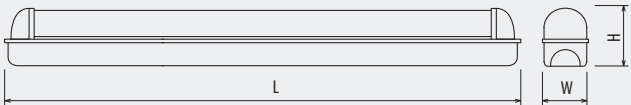


LIGHT DISTRIBUTION DATA



D LN CA01L/18Wx1

D LN CA01L/18Wx2



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
D LN CA01L/18Wx1	18	2000	25000	1260x80x93
D LN CA01L/18Wx2	36	4000	25000	1260x120x93



Environmentally
Friendly and Safe



Not Chemicals





PARKING LOT

LUMINAIRE M26

FEATURES

- Low power consumption saving more than 50% of energy compared to existing fluorescent luminaires.
- Removable, easy to install.
- Various sizes (300/600/900/1,200mm).
- Slim and simple design.

APPLICATIONS

- Apartment entrance, hallway lighting, indoor lighting.
- Parking lot, subway, commercial, industrial, lighting, etc.

LUMINAIRE M18

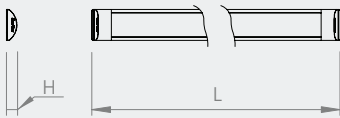
FEATURES

- This product with IP65 moisture resistance protection class is suitable for both dry and damp locations.
- Low power consumption saving more than 50% of energy
- Even light distribution.
- Removable, easy to install.

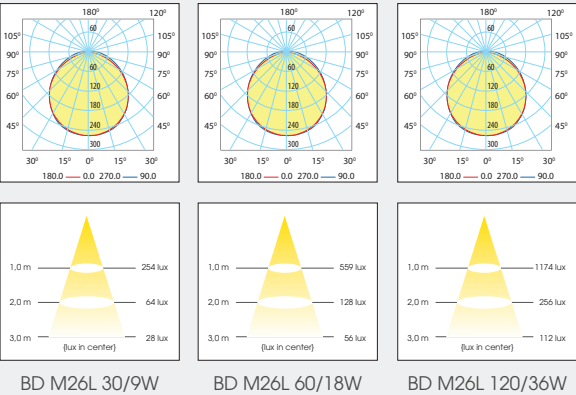
APPLICATIONS

- Parking lot, subway, commercial lighting.
- Apartment entrance, hallway lighting, indoor lighting.
- Warehouse, factory, gymnasium, etc.

LUMINAIRE M26

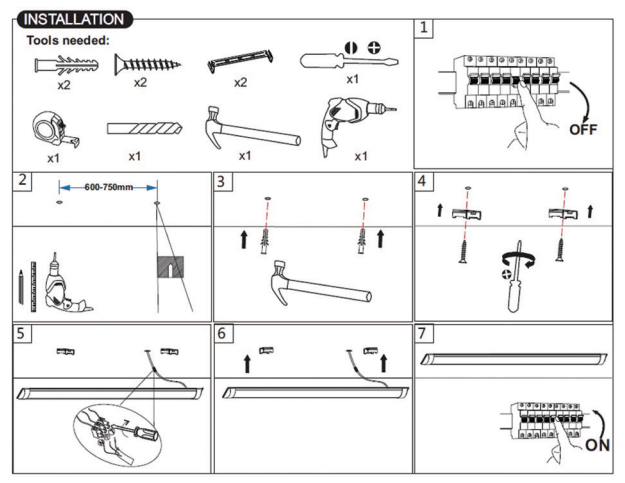


LIGHT DISTRIBUTION DATA



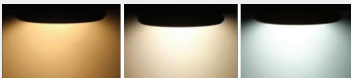
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
BD M26L 30/9W	9	750	25000	300x75x25
BD M26L 60/18W	18	1600	25000	600x75x25
BD M26L 120/36W	36	3600	25000	1200x75x25

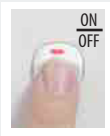


LUMINAIRE M36

1-CCT
3-CCT CHANGEABLE



3000K 4000K 6500K CCT Switch



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	CCT	Life time (h)	Dimension (LxWxH) (mm)
BD M36L 60/20W	20	2000	1 - CCT	25000	573x62x32
BD M36L 120/40W	40	4000	1 - CCT	25000	1172x62x32
BD M36L DM 120/40W	40	4000-4400	3 - CCT	25000	1172x62x32



Environmentally
Friendly and Safe



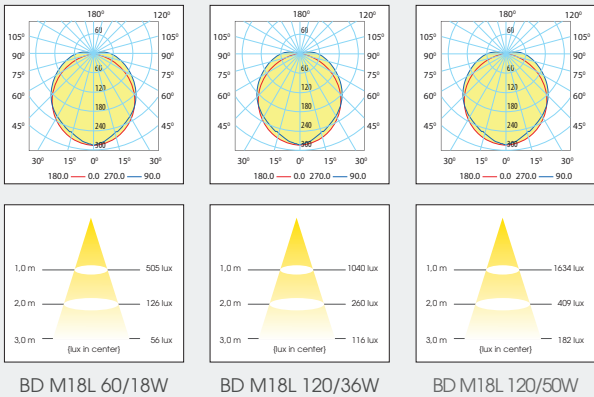
Not Chemicals



WATER - PROOF LUMINAIRE M18



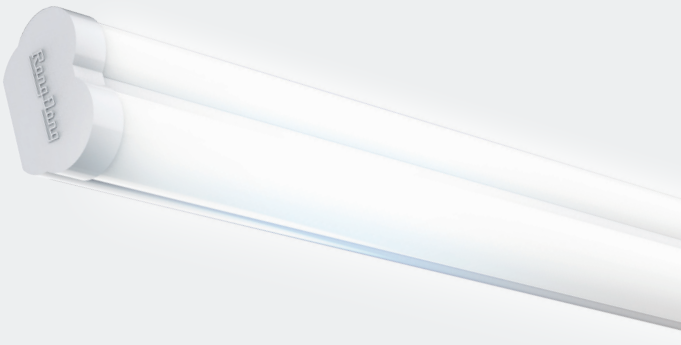
LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
BD M18L 60/18W	18	1700	20000	630x80x78
BD M18L 120/36W	36	3500	20000	1220x80x78
BD M18L 120/50W	50	5500	20000	1220x80x78

LUMINAIRE M38

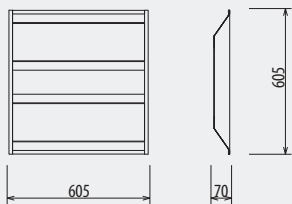


SPECIFICATIONS

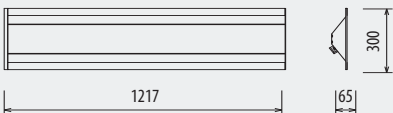
Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
BD M38 1200/40W	40	5200	25000	1196x60x32



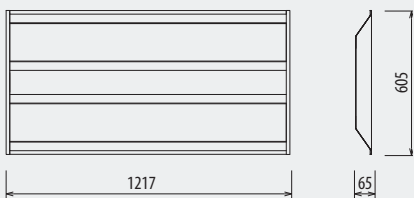
LUMINAIRE M15



BD M15L 60x60/36W

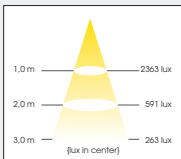
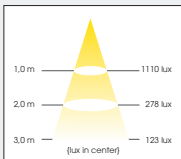
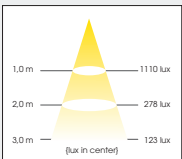
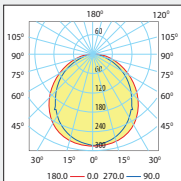
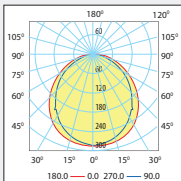
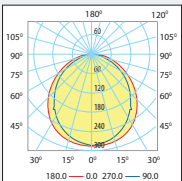


BD M15L 30x120/36W



BD M15L 60x120/72W

LIGHT DISTRIBUTION DATA



BD M15L
60x60/36W

BD M15L
30x120/36W

BD M15L
60x120/72W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
BD M15L 60x60/36W	36	3100	25000	605x605x70
BD M15L 30x120/36W	36	3100	25000	1217x300x65
BD M15L 60x120/72W	72	6600	25000	1217x605x65



Environmentally
Friendly and Safe



Not Chemicals





PANEL LIGHT

FEATURES

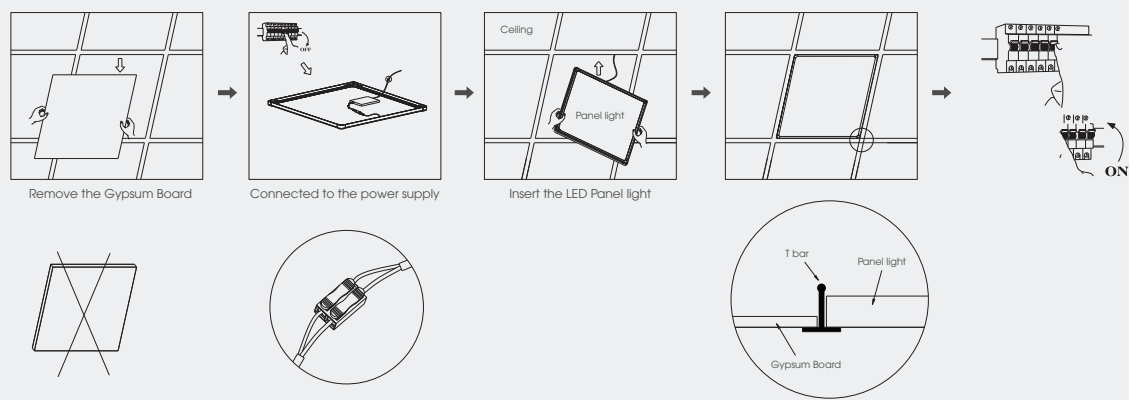
- Ultra - thin design
- No Glare
- Eco - friendly: No mercury, less CO₂ emissions, no UV/IR
- Safe for health and eye
- Long life time: 20000÷25000 hours
- CCT changable

APPLICATIONS

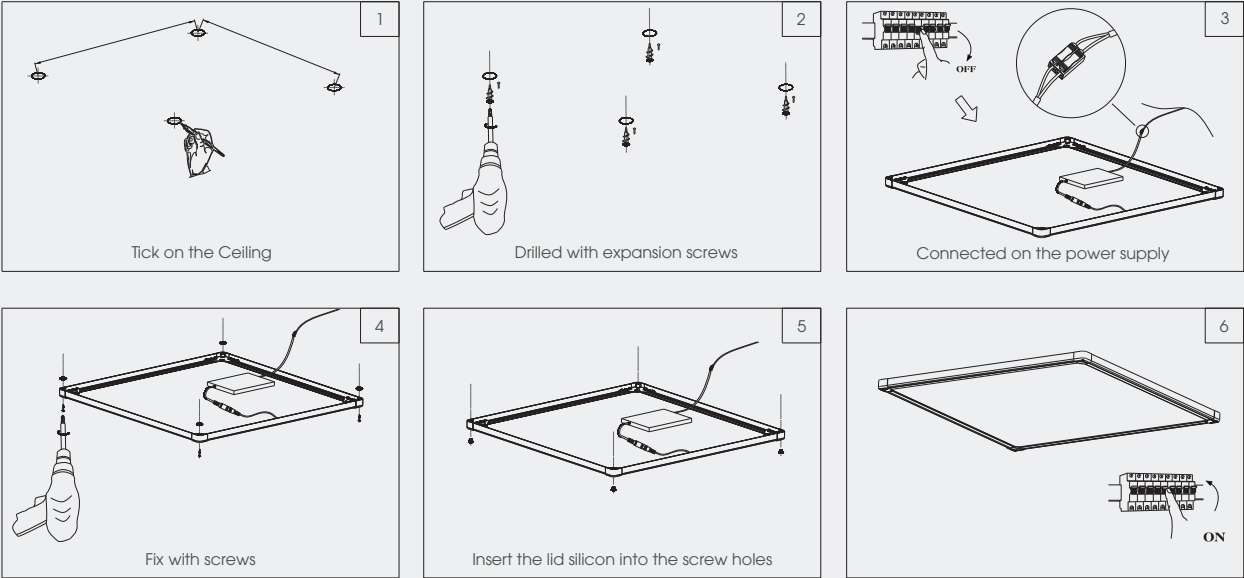
- Living room, office, schools, hospital
- Industrial facilities.

LED PANEL INSTALLATION

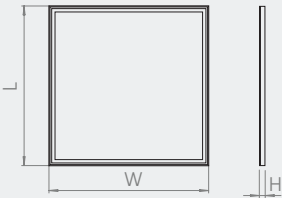
RECESSED



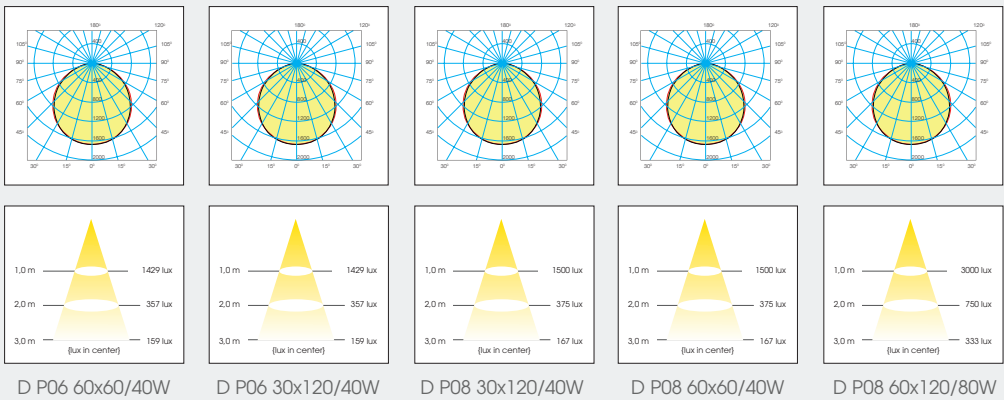
CEILING - MOUNTED



PANEL LIGHT



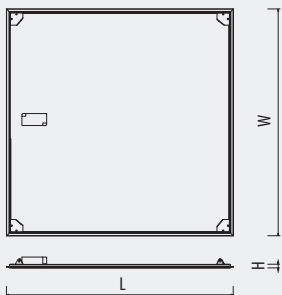
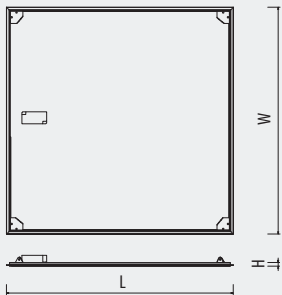
LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Feature	Dimension (LxWxH) (mm)
D P06 60x60/40W	40	4000	25000	Back - lit	600x600x30
D P06 30x120/40W	40	4000	25000	Back - lit	300x1200x30
D P08 30x120/40W	40	4200	25000	Edge - lit	1200x300x10
D P08 60x60/40W	40	4200	25000	Edge - lit	600x600x10
D P08 60x120/80W	80	8400	25000	Edge - lit	1200x600x10

DECORATIVE PANEL LIGHT

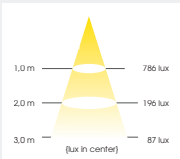
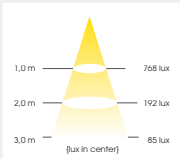
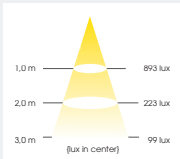
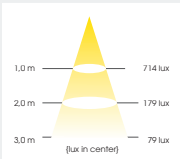
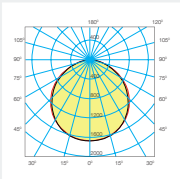
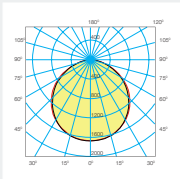
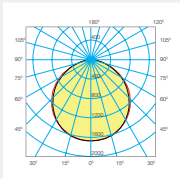
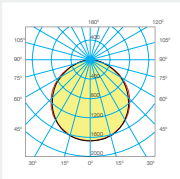


D P04 TTR01



D P04 TTR03

LIGHT DISTRIBUTION DATA



D P04 TTR01 60x60/36W D P04 TTR01 60x60/40W D P04 TTR03 60x60/36W D P04 TTR03 60x60/40W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
D P04 TTR01 60x60/36W	36	2000	25000	600x600x22
D P04 TTR01 60x60/40W	40	2500	25000	600x600x12
D P04 TTR03 60x60/36W	36	2150	25000	600x600x22
D P04 TTR03 60x60/40W	40	2200	25000	600x600x12



Environmentally
Friendly and Safe



Not Chemicals



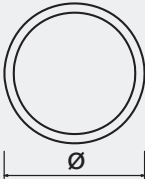
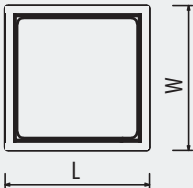
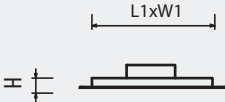
PANEL LIGHT
1 CCT



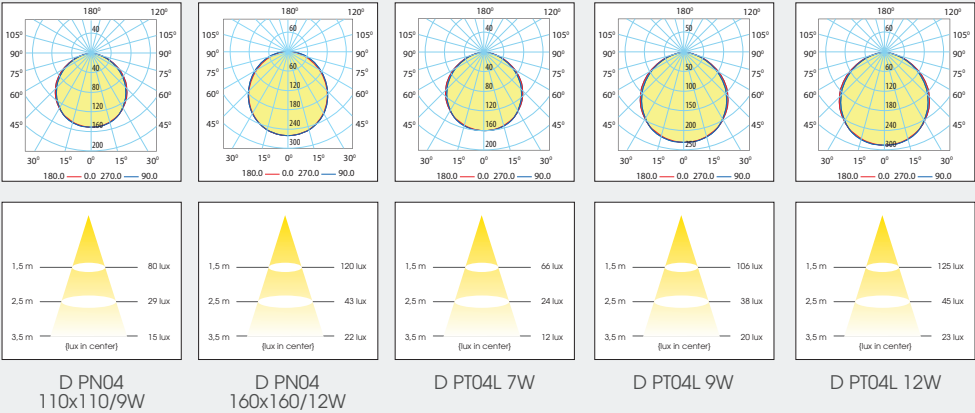
D PN 04L 9W/12W



D PT04L 7W/9W/12W



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Cutting hole (LxW/Φc) (mm)	Dimension (LxWxH/ΦxH) (mm)
D PN04 110x110/9W	9	600	20000	110x110	120x120x10
D PN04 160x160/12W	12	800	20000	160x160	175x175x10
D PT04L 90/7W	7	460	20000	90	115x10
D PT04L 110/7W	7	470	20000	110	134x10
D PT04L 110/9W	9	530	20000	110	134x10
D PT04L 135/9W	9	555	20000	135	158x10
D PT04L 135/12W	12	700	20000	135	158x10

PANEL LIGHT
3-CCT CHANGEABLE

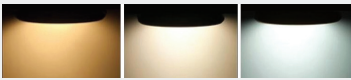


D PT04L DM 7W/9W

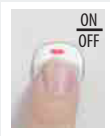


D PT05L DM 7W/9W/12W

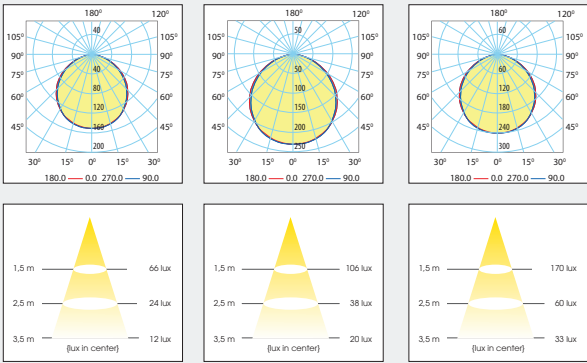
3-CCT CHANGEABLE



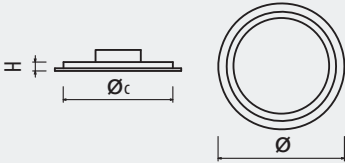
3000K 4000K 6500K CCT Switch



LIGHT DISTRIBUTION DATA



D PT DM 7W D PT DM 9W D PT DM 12W



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Cutting hole (Φc) (mm)	Dimension (ΦxH) (mm)
D PT04L DM 90/7W	7	570	20000	90	115x10
D PT04L DM 110/7W	7	570	20000	110	134x10
D PT04L DM 110/9W	9	680	20000	110	134x10
D PT04L DM 135/9W	9	680	20000	135	158x10
D PT05L DM 90/7W	7	570	20000	90	115x10
D PT05L DM 110/9W	9	680	20000	110	134x10
D PT05L DM 135/9W	9	680	20000	135	158x10
D PT05L DM 135/12W	12	850	20000	135	158x10



Environmentally
Friendly and Safe



Not Chemicals





DOWNLIGHT

A luminaire that is well recognized in the global market for its unconventional design and outstanding performance. Its special features include ease of installation, reliable quality and high efficiency. This product can be used in many application areas including office, education, residence, building, hospital, etc.

Our Downlight is designed with the consideration of both a long life span and high luminous efficacy, while user's productivity, safety and health. are also taken into account.

FEATURES

- Low power consumption: Downlights of series die-cast aluminum save more than 70% of energy compared to existing 8 inch downlight compact light fixture.
- Special design: Die-cast aluminum housing
- Optimal heat dissipation design ($T_{case} < 60^{\circ}\text{C}$).
- Long lifetime: 25,000 to 30,000 hours.
- High luminous efficacy.
- Flicker free

APPLICATIONS

- Shopping small, stores, offices
- Parking lot

DOWNLIGHT
Series DAT 04L

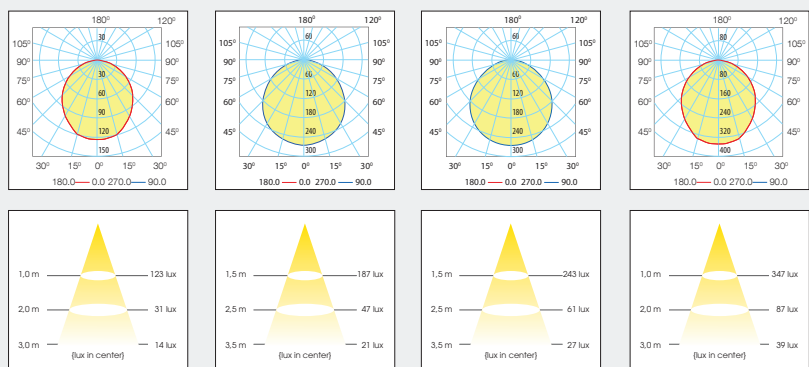


AL - COVER



PC - COVER

LIGHT DISTRIBUTION DATA

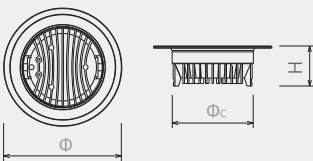


D AT04L 5W

D AT04L 7W

D AT04L 9W

D AT04L 12W



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Cover Material	Cutting hole (Φc) (mm)	Dimension (ΦxH) (mm)
D AT04L 90/5W	5	330	20000	105	PC/AL	90	118x40
D AT04L 90/110 7W	7	500	20000	105	PC/AL	90/110	118x40/138x50
D AT04L 90/110 9W	9	650	20000	105	PC/AL	90/110	118x40/138x50
D AT04L 110/12W	12	930	20000	105	PC/AL	110	138x50



Environmentally
Friendly and Safe



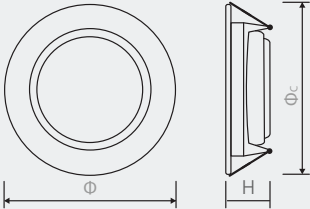
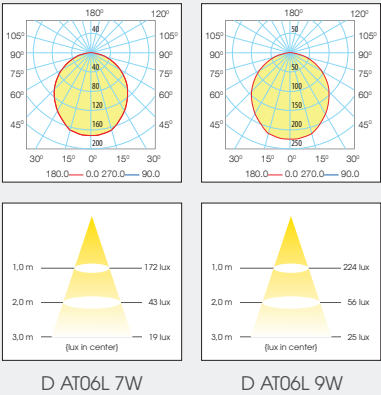
Not Chemicals



DOWNLIGHT
Series DAT 06L



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Cutting hole (Φc) (mm)	Dimension (ΦxH) (mm)
D AT06L 90/7W	7	460	15 000	110	90	115x35
D AT06L 110/7W	7	460	15 000	110	110	140x35
D AT06L 110/9W	9	600	15 000	110	110	140x35

DOWNLIGHT

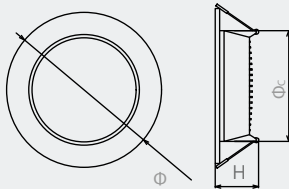
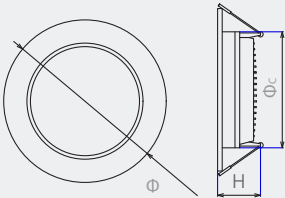
Series DAT 10L&11L - 1 CCT



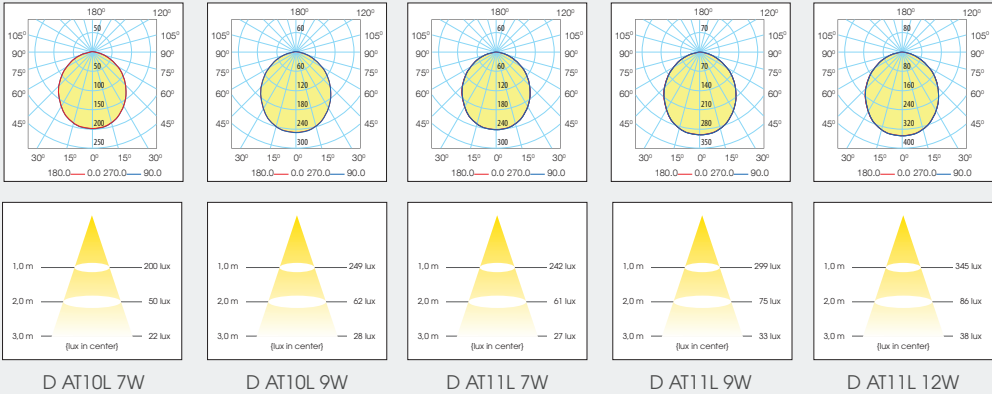
D AT10L 7W/9W



D AT11L 7W/9W/12W



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Cutting hole (Φc) (mm)	Dimension (ΦxH) (mm)
D AT10L 90/110 7W	7	520	20000	110	90/110	118x33/138x36
D AT10L 90/110 9W	9	650	20000	110	90/110	118x33/138x36
D AT11L 90/110 7W	7	630	20000	110	90/110	118x40/138x40
D AT11L 90/110 9W	9	780	20000	110	90/110	118x40/138x40
D AT11L 110/12W	12	900	20000	110	110	138x40



Environmentally
Friendly and Safe



Not Chemicals



DOWNLIGHT

Series DAT 10L,16L,17L - 3 CCT Changeable



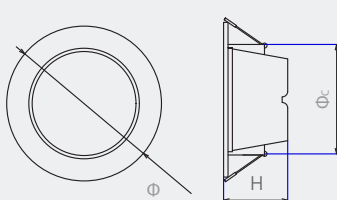
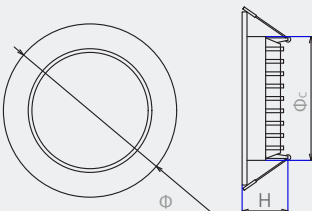
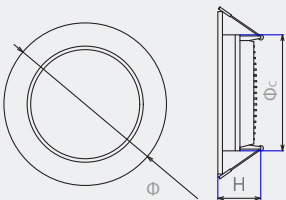
D AT10L DM 90/110
7W/9W/12W



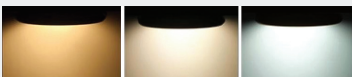
D AT16L DM 90/110
7W/9W



D AT17L DM 90/100/110
7W/9W/12W



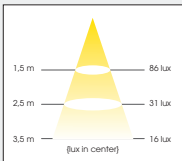
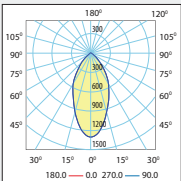
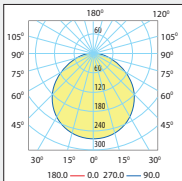
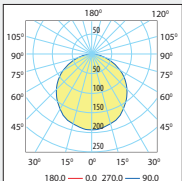
3 CCT changeable



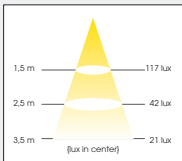
3000K 4000K 6500K CCT Switch



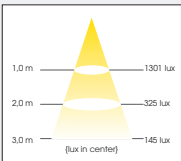
LIGHT DISTRIBUTION DATA



D AT10L DM 90/7W



D AT16L DM 110/9W



D AT17L DM 110/12W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Cutting hole (ΦxH) (mm)	Dimension (ΦxH) (mm)
D AT10L DM 90/7W	7	550	25000	110	90	118x33
D AT10L DM 110/9W	9	750	25000	110	110	138x36
D AT10L DM 110/12W	12	1200	25000	110	110	138x36
D AT16L DM 90/7W	7	600	30000	105	90	108x40
D AT16L DM 110/9W	9	770	30000	105	110	129x40
D AT17L DM 90/7W	7	630	20000	110	90	96x60
D AT17L DM 110/9W	9	860	20000	110	105	113x65
D AT17L DM 110/12W	12	1140	20000	110	110	138x75



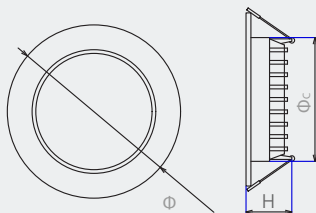
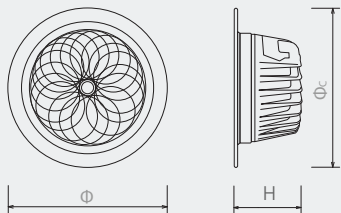
DOWNLIGHT
Series DAT 14L&16L - 1 CCT



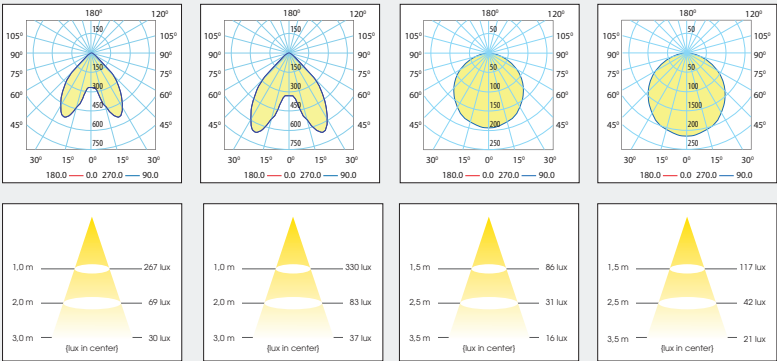
D AT14L 7W/9W/12W



D AT16L 7W/9W



LIGHT DISTRIBUTION DATA



D AT14L 76/7W

D AT14L 90/9W

D AT16L 7W

D AT16L 9W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Cutting hole (Φc) (mm)	Dimension (ΦxH) (mm)
D AT14L 76/7W	7	560	20000	60	76	99x50
D AT14L 90/9W	9	850	20000	60	90	118x53
D AT14L 110/12W	12	1050	20000	60	110	139x56
D AT16L 90/7W	7	600	30000	105	90	108x40
D AT16L 90/9W	9	765	30000	105	90	108x40
D AT16L 110/7W	7	600	30000	105	110	129x40
D AT16L 110/9W	9	765	30000	105	110	129x40



Environmentally
Friendly and Safe



Not Chemicals



DOWNLIGHT



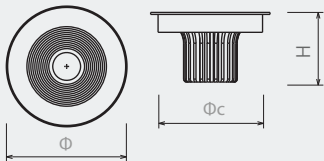
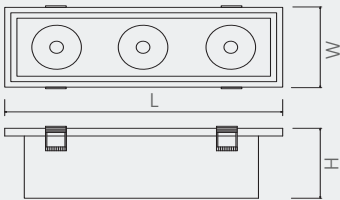
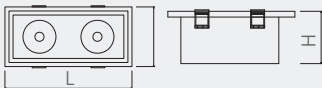
D AT 240x125/9Wx2.DA



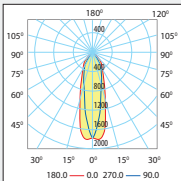
D AT 360x125/9Wx3.DA



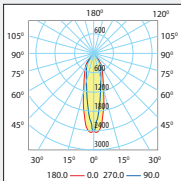
D AT02L XG 76 4,5W/6,5W



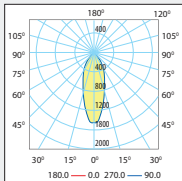
LIGHT DISTRIBUTION DATA



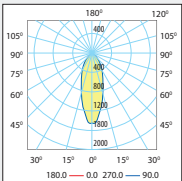
D AT 240x125/9Wx2.DA



D AT 360x125/9Wx3.DA



D AT02L XG 76/4.5W



D AT02L XG 76/6.5W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Cutting hole (LxW/Φc) (mm)	Dimension (LxWxH/ΦxH) (mm)
D AT 240x125/9Wx2.DA	18	1950	25000	24	240x125	260x140x143
D AT 360x125/9Wx3.DA	27	2900	25000	24	360x125	370x140x143
D AT02L XG 76/4.5W	4.5	350	25000	24	76	90x45
D AT02L XG 76/6.5W	6.5	500	25000	24	76	90x45



Environmentally Friendly and Safe



Not Chemicals





CEILING LIGHT

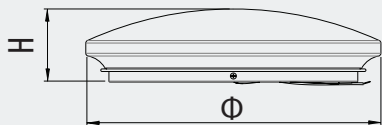
FEATURES

- Slim and elegant
- Even light distribution thanks to high quality modularized light source and optimized optical lens
- Eco - friendly: No mercury, less CO₂ emissions, no UV/IR
- RoHS compliant
- Easy to install and maintain.

APPLICATIONS

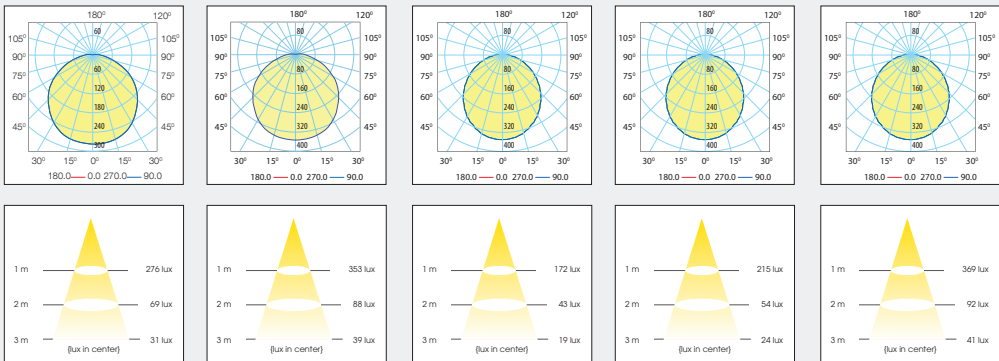
- Entry way, residence, hallway, office

CEILING LIGHT



D LN CB03L

LIGHT DISTRIBUTION DATA

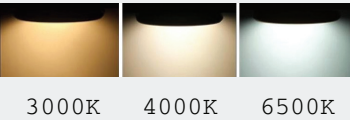


D LN CB03L 260/12W D LN CB03L 260/18W D LN03L230/7W D LN03L 270/9W D LN03L 320/14W

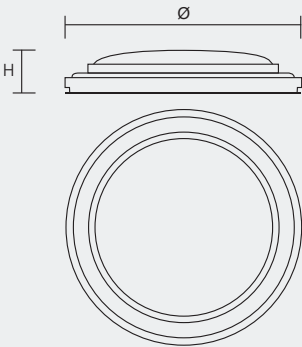
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	IP	Dimension (ΦxH) (mm)
D LN CB03L 260/12W	12	900	25000	44	260x58
D LN CB03L 260/18W	18	1150	25000	44	260x58
D LN03L230/7W	7	560	15 000	20	227x76
D LN03L 270/9W	9	700	15 000	20	270x80
D LN03L 270/14W	14	1200	15 000	20	270x80

3 CCT changeable



3000K 4000K 6500K



LN16 DM 480/40W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (ΦxH) (mm)
LN16 DM 480/40W	40	2800	25000	480x86



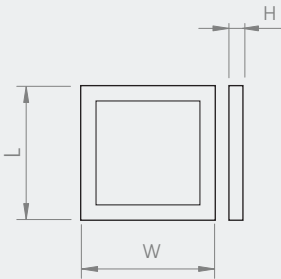
Environmentally Friendly and Safe



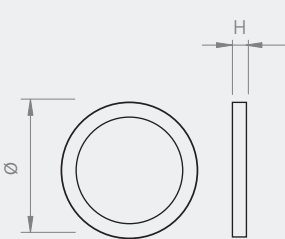
Not Chemicals



CEILING LIGHT

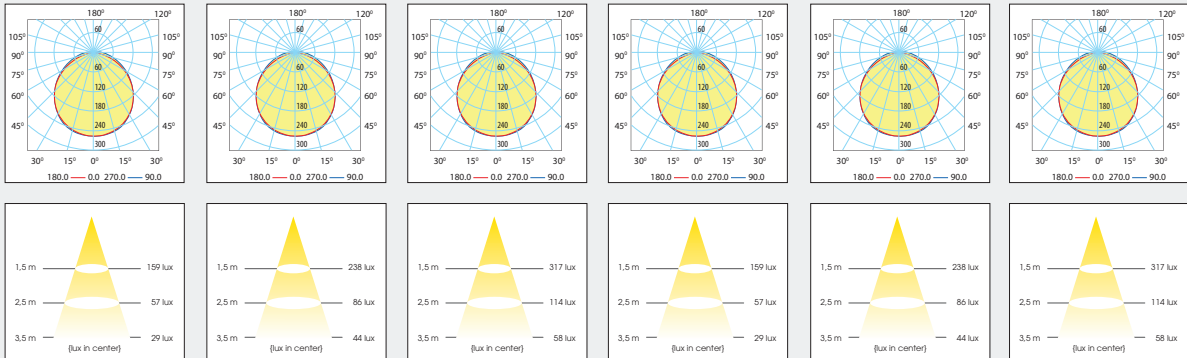


D LN08 12W/18W/24W



D LN09 12W/18W/24W

LIGHT DISTRIBUTION DATA

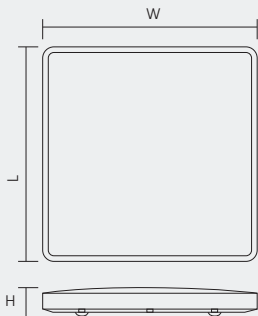


D LN08L17x17/12W D LN08L 23x23/18W D LN08L 30x30/24W D LN09L170/12W D LN09L 215/18W D LN09L 300/24W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
DLN08 17x17/12W	12	750	20000	170x170x29
DLN08 23x23/18W	18	1100	20000	215x215x29
DLN08 30x30/24W	24	1500	20000	300x300x29
DLN09L 170/12W	12	750	20000	170x29
DLN09L 215/18W	18	1100	20000	215x29
DLN09L 300/24W	24	1500	20000	300x29

CEILING LIGHT



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH)
D LN16 540x540/40W	40	3600	25000	540x540x46



Environmentally
Friendly and Safe



Not Chemicals



CEILING LIGHT

1 - CCT
3 - CCT Changeable

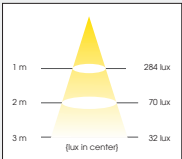
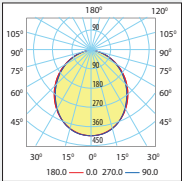


3000K 4000K 6500K CCT Switch

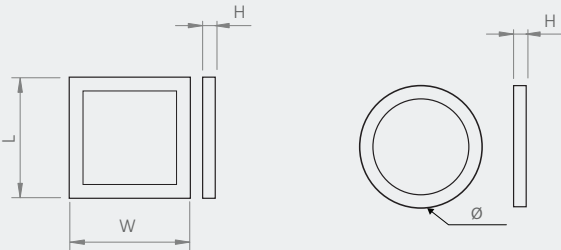


D LN12L 12W/18W/24W

LIGHT DISTRIBUTION DATA



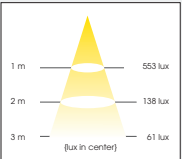
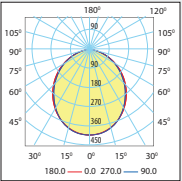
D LN12L 18W



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH)
D LN12L 17x17/12W	12	900	25000	160x160x36
D LN12L 170/12W	12	900	25000	160x36
D LN12L DM 22x22/18W	18	1400	25000	220x220x36
D LN12L DM 220/18W	18	1400	25000	220x36
D LN12L 30x30/24W	24	2000	25000	280x280x36
D LN12L 300/24W	24	2000	25000	280x36

LIGHT DISTRIBUTION DATA



D LN24L 24W



D LN24L DM 247x247/24W



D LN24L DM 247/24W

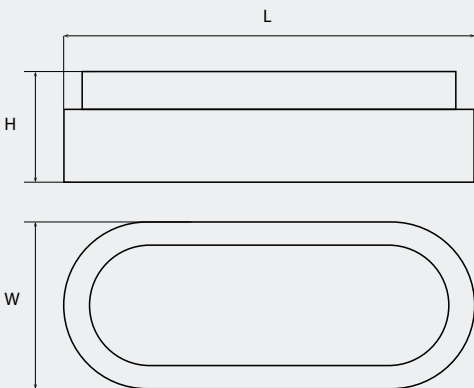
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH)
D LN24L DM 247x247/24W	24	1800	25000	247x247x39
D LN24L DM 247/24W	24	1800	25000	247x39





WALL LIGHT



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	IP	Beam Angle	Dimension (LXWxH) (mm)
LN12 70x160/5W	5	500	25000	54	120	160x70x58
LN12 90x195/10W	10	1000	25000	54	120	195x89x58





HIGHBAY LIGHT

High bay light can be used for both indoor and outdoor applications such as: warehouses, workshops, stadiums, tunnels and many more. For good heat dissipation, highbay housing is made of die-casting aluminum and coated with an anti-corrosion layer (This product is suitable for damp and wet locations and dimmable at 0-10V).

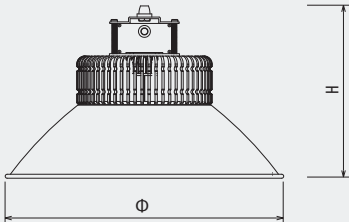
FEATURES

- Low power consumption
- Long lifetime: 25,000÷30,000 hours
- High luminous efficacy (>110 lm/W)

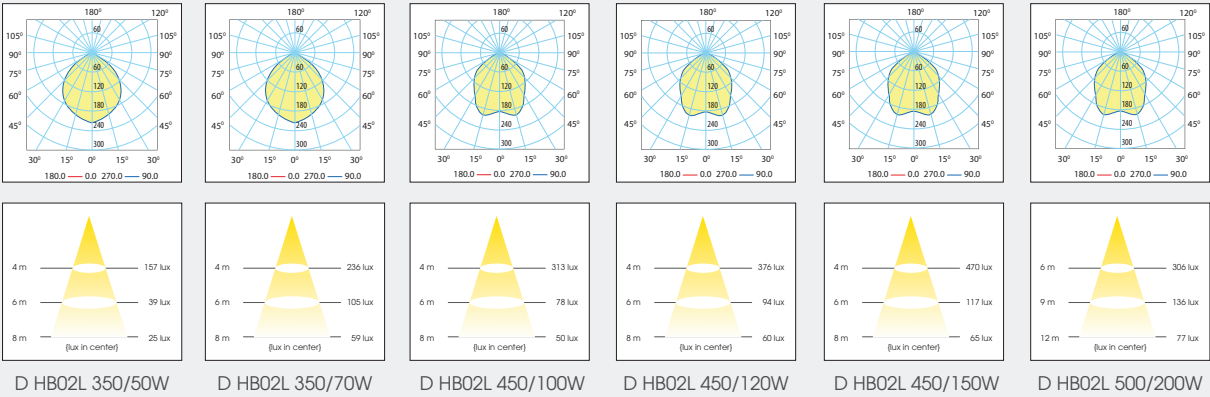
APPLICATIONS

- Industrial facilities, warehouse, workshops, stadium, tunnel.

HIGHBAY LIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Beam angle	Life time (h)	Dimension (ΦxH) (mm)
D HB02L 350/50W	50	4750	110	25000	350x240
D HB02L 350/70W	70	6650	110	25000	350x240
D HB02L 450/100W	100	10000	90	25000	450x280
D HB02L 450/120W	120	12000	90	25000	450x280
D HB02L 450/150W	150	15000	90	25000	450x280
D HB02L 500/200W	200	21000	90	25000	500x350



Environmentally
Friendly and Safe



Not Chemicals



UFO HIGHBAY LIGHT



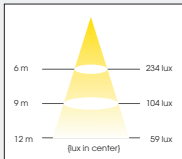
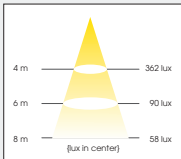
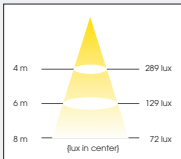
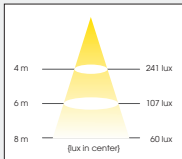
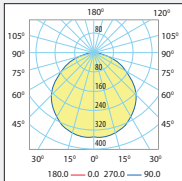
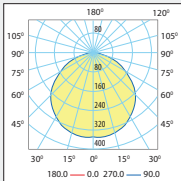
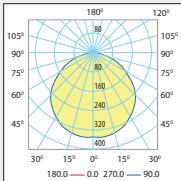
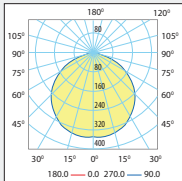
D HB03L 290/100W



D HB03L 350/390
120W/150W/200W



LIGHT DISTRIBUTION DATA

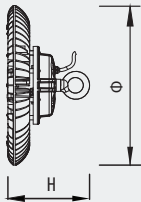
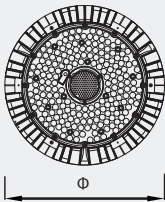


D HB03L 290/100W

D HB03L 350/120W

D HB03L 350/150W

D HB03L 390/200W



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Dimension (ΦxH) (mm)
D HB03L 290/100W	100	11000	30 000	90	290x160
D HB03L 350/120W	120	13200	30 000	90	345x160
D HB03L 350/150W	150	16500	30 000	90	345x160
D HB03L 390/200W	200	22000	30 000	90	390x160





FLOOD LIGHT

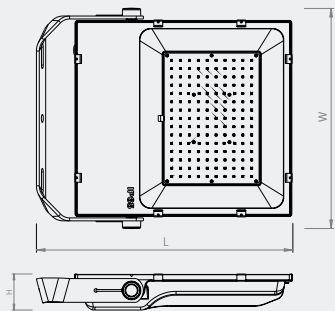
FEATURES

- 60% energy savings compared to metal halide lamp with power of 2.5 times higher
- Eco - friendly: No mercury, less CO2 emissions, no UV/IR
- Good heat dissipation thanks to die - casting aluminum housing and anti - corrosion coating layer
- Optimal light source: LumiLED/ Nichia/ Samsung package
- Long lifetime: over 20,000 hours
- Protection class: IP 65

APPLICATIONS

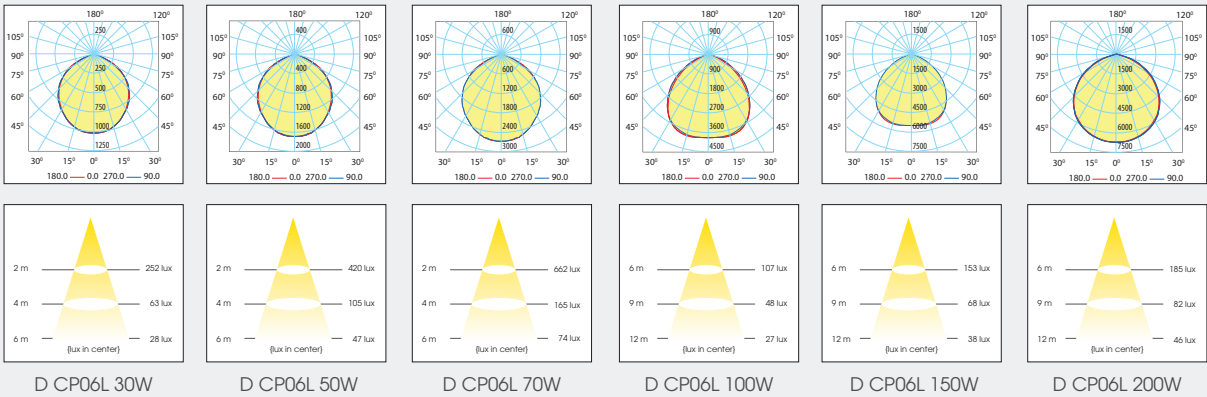
- Industrial facilities and warehouses, workshops
- Suitable for damp and wet locations

FLOOD LIGHT



IP65

LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Dimension (LxWxH) (mm)
D CP06L 10W	10	850	20000	110	136x116x40
D CP06L 20W	20	1550	20000	110	136x116x40
D CP06L 30W	30	2300	20000	110	200/180/55
D CP06L 50W	50	4150	20000	110	220x197x55
D CP06L 70W	70	6300	20000	110	265x220x65
D CP06L 100W	100	9500	20000	110	328x282x78
D CP06L 150W	150	13500	20000	110	405x335x85
D CP06L 200W	200	20000	20000	110	406x377x97





STREET LIGHT

PRODUCT FEATURES:

- Light source: Using chip with good quality and high luminous efficacy
- Structure: made of anodized aluminum, high thermal conductivity, IP66 ingress protection
- Optical system: PMMA or PC creating light distribution type II
- Power source: power factor of 0.9, 10kV surge protection
- LED package: Samsung/ CitiLED/ LumiLEDs

ECONOMIC EFFICIENCY:

- Saving over 50% of electricity used compared to regular high voltage lamps
- Lifetime: 50000 hours, saving maintenance cost

APPLICATIONS:

- Streets, industrial zones

STREETLIGHT
2÷5 DIMMING LEVELS



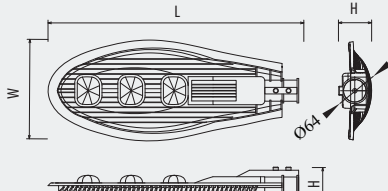
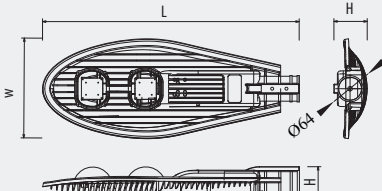
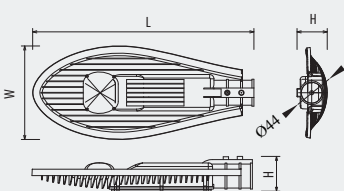
D CSD02L
30W/40W/60W/70W



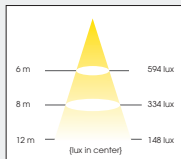
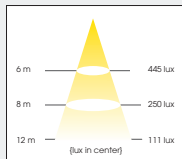
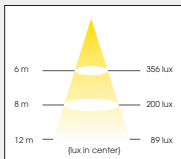
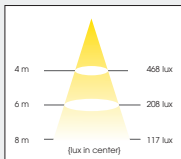
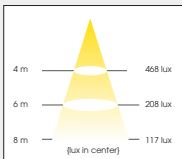
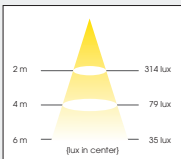
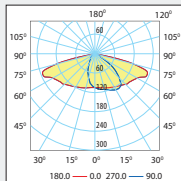
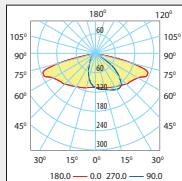
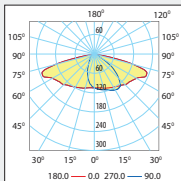
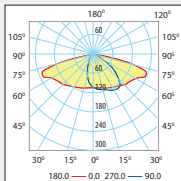
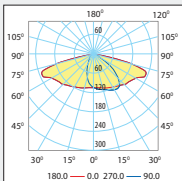
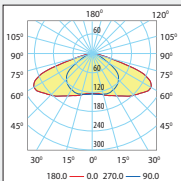
D CSD02L 120W/150W



D CSD02L 200W



LIGHT DISTRIBUTION DATA



D CSD02L/40W

D CSD02L/60W

D CSD02L/70W

D CSD02L/120W

D CSD02L/150W

D CSD02L/200W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Surge	Dimension (LxWxH) (mm)
D CSD02L/30W	30	3300	30000	10kV/optional	340x145x60
D CSD02L/40W	40	4400	50000	10kV/optional	500x210x52
D CSD02L/60W	60	6900	50000	10kV/optional	620x260x100
D CSD02L/70W	70	8050	50000	10kV/optional	620x260x100
D CSD02L/120W	120	14400	50000	10kV/optional	725x285x100
D CSD02L/150W	150	18000	50000	10kV/optional	725x285x100
D CSD02L/200W	200	24000	50000	10kV/optional	880x340x100

STREETLIGHT

3÷5 DIMMING LEVELS



D CSD03L/30W

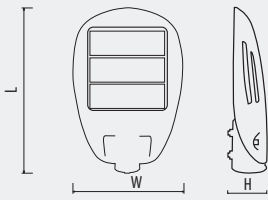
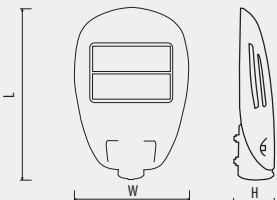
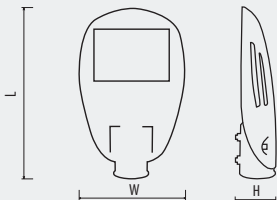


D CSD03L 60W/70W

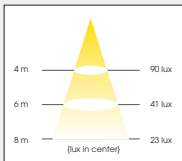
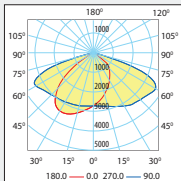
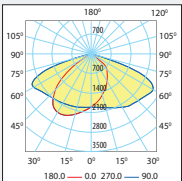
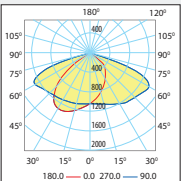
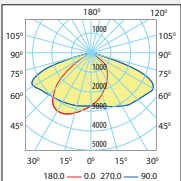
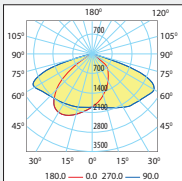
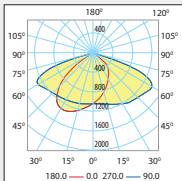


D CSD03L 80W/90W/100W

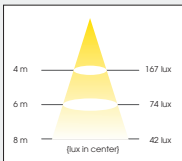
IP65



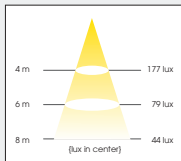
LIGHT DISTRIBUTION DATA



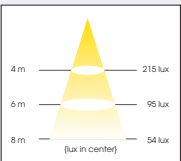
D CSD03L/30W



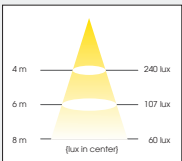
D CSD03L/60W



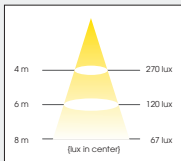
D CSD03L/70W



D CSD03L/80W



D CSD03L/90W



D CSD03L/100W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Surge	Dimension (LxWxH) (mm)
D CSD03L/30W	30	3600	35000	10kV/optional	284x175x62
D CSD03L/60W	60	7200	50000	10kV/optional	450x295x85
D CSD03L/70W	70	9100	50000	10kV/optional	450x295x85
D CSD03L/80W	80	10000	50000	10kV/optional	450x295x85
D CSD03L/90W	90	10800	50000	10kV/optional	450x295x85
D CSD03L/100W	100	12000	50000	10kV/optional	450x295x85



Environmentally
Friendly and Safe



Not Chemicals



STREETLIGHT
5 DIMMING LEVELS



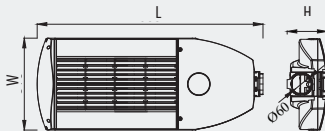
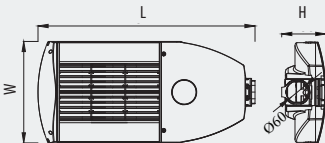
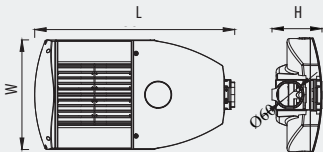
D CSD04L/80W



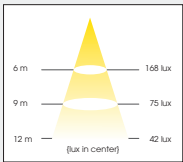
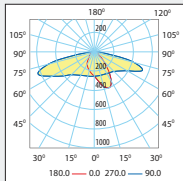
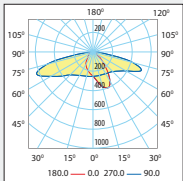
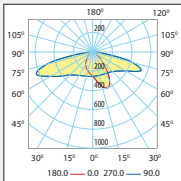
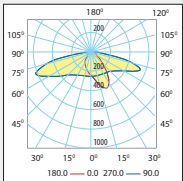
D CSD04L 120W/150W



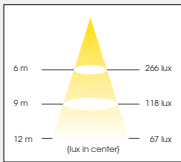
D CSD04L/180W



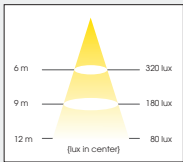
LIGHT DISTRIBUTION DATA



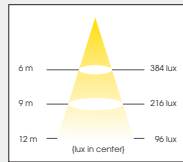
D CSD04L/80W



D CSD04L/120W



D CSD04L/150W



D CSD04L/180W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	IP	Surge	Dimension (LxWxH) (mm)
D CSD04L/80W	80	10400	50000	66	10kV/optional	504x316x136
D CSD04L/120W	120	15600	50000	66	10kV/optional	577x316x136
D CSD04L/150W	150	18750	50000	66	10kV/optional	577x316x136
D CSD04L/180W	180	22500	50000	66	10kV/optional	605x316x136



Environmentally
Friendly and Safe



Not Chemicals



STREET LIGHT



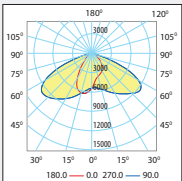
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D CSD05L
100W/120W/150W

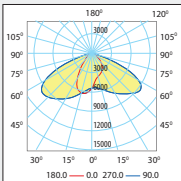


D CSD06L
80W/100W/120W/150W

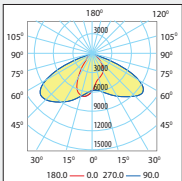
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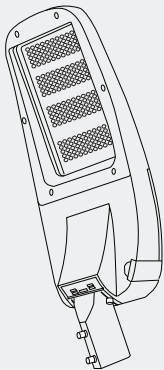
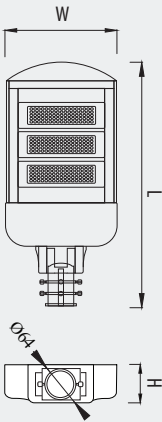
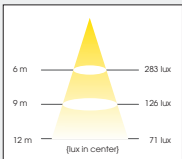
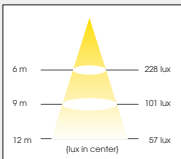
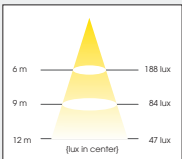
D CSD05L/100W



D CSD05L/120W



D CSD05L/150W



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)	Surge
D CSD05L/100W	100	13500	50 000	702x90x316	10kV/optional
D CSD05L/120W	120	17400	50 000	702x90x316	10kV/optional
D CSD05L/150W	150	20250	50 000	702x90x316	10kV/optional
D CSD06L/80W	80	10400	50 000	622x259x181	10kV/optional
D CSD06L/100W	100	13000	50 000	622x259x181	10kV/optional
D CSD06L/120W	120	15600	50 000	693x310x183	10kV/optional
D CSD06L/150W	150	19500	50 000	693x310x183	10kV/optional

GAS STATION LIGHTS



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)	Surge
D CSCX01L/80W	80	10400	50 000	306x288x271	6kV/optional



Environmentally
Friendly and Safe

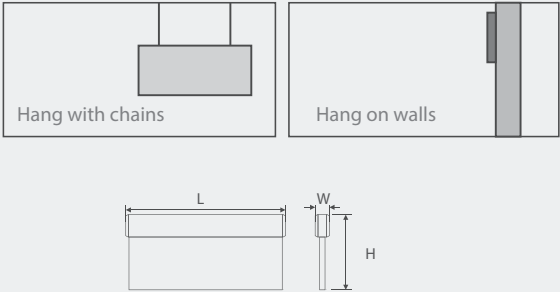


Not Chemicals



SIGN LIGHT

INSTALLATING INSTRUCTION



SPECIFICATIONS

Model	Power (W)	Battery capacity (mAh)	Emergency light time (h)	Full charging time (h)	Life time (h)	Dimension (LxWxH) (mm)
D CD01 40x20/2,2W (one side)	2.2	400	3	20	15 000	370x25x202
D CD01 40x20/2,2W (two side)	2.2	400	3	20	15 000	370x25x202

EMERGENCY LIGHT



D KC01/2W



D KC04/6W
D KC03/8W



D KC05/3W



D KC02/10W

SPECIFICATIONS

Model	Power (W)	Battery capacity (mAh)	CCT (K)	Emergency light time (h)	Full charging time (h)	Life time (h)
D KC01/2W	2	800	Daylight	3	20	15 000
D KC05/3W	3	800	Daylight	3	20	15 000
D KC04/6W	6	2200	Daylight	6	20	15 000
D KC03/8W	8	4000	Daylight	6	20	15 000
D KC02/10W	10	4000	Daylight	6	20	15 000



Environmentally
Friendly and Safe



Not Chemicals



STANDBY LIGHT



035 DC



036 DC/2.5W

SPECIFICATIONS

Model	Voltage (V)	Cell source	Power (W)	Lighting time (h)	CCT	Dimension (LxWxH) (mm)
035 DC/2W	4.5	3 pin AA	2	10	Daylight	72x48x126
036 DC/2.5W	4.5	3 pin D	2.5	15	Daylight	113x86x216

HEADBAND LIGHT



D PDD01L/1W



D PDD01L/3W



D PDD01L/5W

SPECIFICATIONS

Model	Power (W)	CCT (K)	Lighting time (h)
D PDD01L/1W	1	6500/3000	10
D PDD02L/3W	3	6500/3000	10
D PDD03L/5W	5	6500/3000	10



DESK LIGHT

- Eco-friendly design for home and office use: ideal for reading, writing and working purpose.
- Saving maintenance cost with long life time of over 15,000 ÷ 25,000 hours.
- PC cover with high transmittance.
- Flicker Free, no UV / IR emission.
- High CRI (≥ 95).
- DIMMABLE range: 0-100%

TOUCH DESK LIGHT
Dimming and colors changeable



RD-RL-20



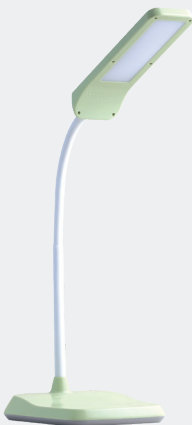
RD-RL-21



RD-RL-22



RD-RL-31



RD-RL-36



RD-RL-38

SPECIFICATIONS

Model	Power (W)	Illuminance (lux)	CCT (K)	Life time (h)
RD-RL-20	6	600	Warmlight	25000
RD-RL-21	6	700	Daylight/ Warmlight/yellow	25000
RD-RL-22	6	700	Daylight/ Warmlight/yellow	25000
RD-RL-31	5	500	Change 7 colors	15 000
RD-RL-36	6	700	Dimming 3 levels	25000
RD-RL-38	6	>500	Natural Sunlight	25000



Environmentally
Friendly and Safe



Not Chemicals





TRACKLIGHT

PRODUCT FEATURES:

- Lamp shades made of aluminum
- Structure: Flexible to adjust, suitable for spot lighting
- Using highly efficient optical scope
- Using high quality LED, Lifetime: 25 000 hours
- Working temperature: -10°C÷45°C
- Beam angle: 20°, 30°, 40°
- Applied standard: IEC 605958-1:2008

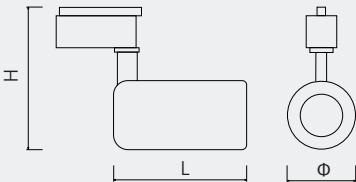
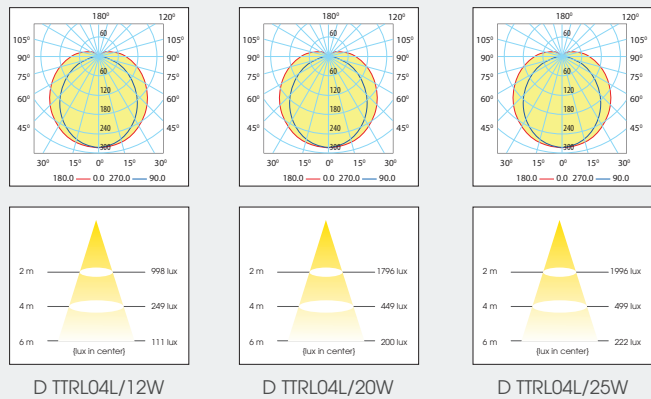
APPLICATIONS:

- Suitable for spot lighting or beaming in fashion shops, supermarkets, stores, malls, etc.

TRACKLIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam Angle (°)	Dimension (ΦxLxH) (mm)
D TRL04L 12W	12	1000	25000	24	60x140x100
D TRL04L 20W	20	1540	25000	24	80x170x120
D TRL04L 25W	25	1650	25000	24	90x180x140

STRIP LIGHT



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	CCT (K)	Life time (h)	Length (mm)
STRIP 7W	150÷250	50/60	7W/1m	6500K/3000K	25 000	50000
STRIP 9W	150÷250	50/60	9W/1m	6500K/3000K	25 000	50000
STRIP DM9W	150÷250	50/60	9W/1m	6500K-4000K-3000K	25 000	50000



Environmentally
Friendly and Safe



Not Chemicals



LIGHTS FOR AMERICAN MARKET

Product features:

- Voltage: 110V/220V/100-277V
- Frequency: 50/60 Hz
- Power factor: 0.9
- Luminous efficiency: ≥ 105 lm/W
- CCT: 3000K/4000K/5000K/6500K
- UL/DLC/FCC/ENERGY STAR
- Customization available

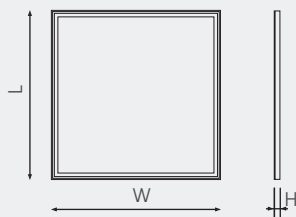


DIMMABLE PANEL LIGHT

PRODUCT FEATURES:

- Use remote control dimmer switch
- Dim the light at 0%-100%
- Adjust light scenarios using control board
- Remote control can work through wall
- Control within 50m distance (without obstacles)
- Use high quality and energy-efficient package with long lifetime and excellent luminous efficacy
- Apply the principle of total reflection to reduce glare when the light travels.
- Frame made from highly tempered aluminum alloy and antioxidant surface for fast heat dissipation.
- No mercury and toxic chemicals, no UV emission, safe to use
- Lifetime: 25000-50000 hours, saving maintenance cost

PANEL LIGHT



TUNABLE WHITE

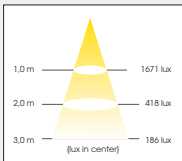
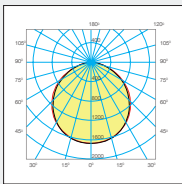


SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimmer	Dimension (LxW) (ft)
D PN 604x1212/50W	50	4200	50000	Bluetooth	2x4

DIMMABLE EMERGENCY

LIGHT DISTRIBUTION DATA

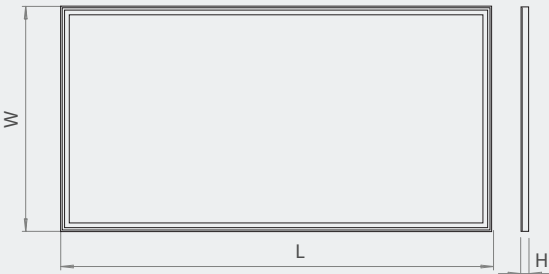
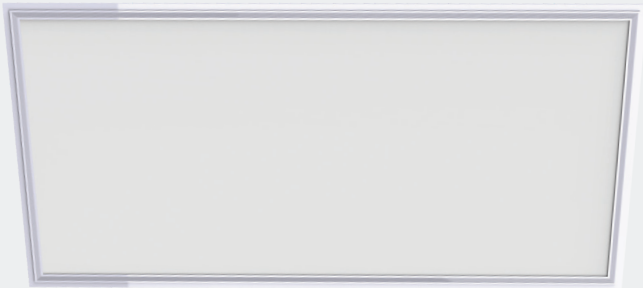


D PN 60x120/36W

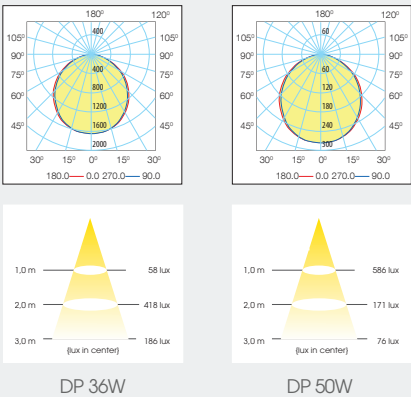
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Emergency lighting duration (min)	Dimension (LxW) (ft)
D PN 604x1212/36W	36	3780	50000	120	2x4
D PN 604x1212/15W	15	1575	50000	120	2x4

PANEL LIGHT



LIGHT DISTRIBUTION DATA

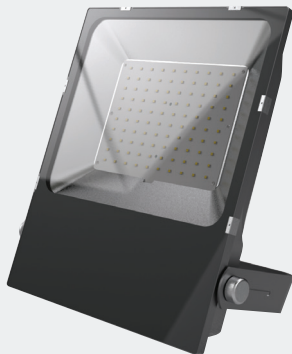
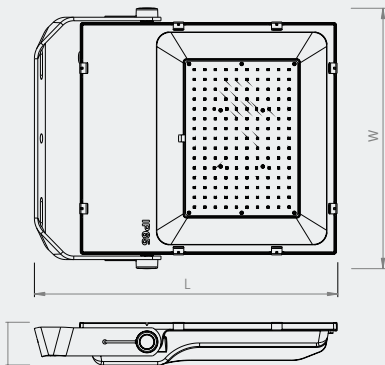


SPECIFICATIONS

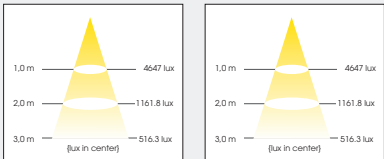
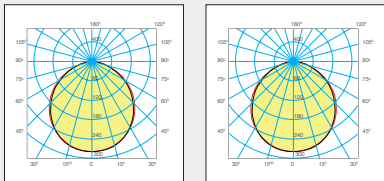
Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxW) (ft)	Feature
DP 302x1212/36W	36	4680	50000	1x4	Dimming 0-10V
DP 604x604/36W	36	4680	50000	2x2	
DP 604x1212/36W	36	4680	50000	2x4	
DP 302x1212/50W	50	5250	50000	1x4	
DP 604x604/50W	50	5250	50000	2x4	
DP 604x1212/50W	50	5250	50000	2x4	



FLOOD LIGHT



LIGHT DISTRIBUTION DATA



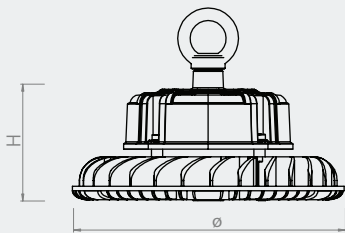
D CP 402/100W

D CP 430/150W

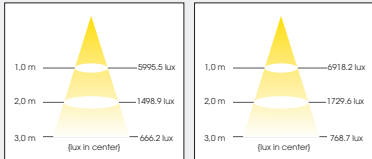
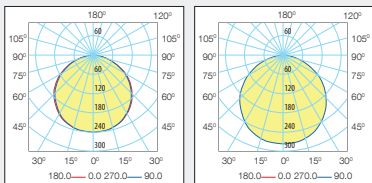
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Beam angle	Housing material	Life time (h)	Dimension (LxWxH) (mm)
D CP 402/100W	100	12500	110°	ADC 12	50000	402x295x60
D CP 430/150W	150	18750	110°	ADC 12	50000	430x330x60

UFO HIGH BAY LIGHT



LIGHT DISTRIBUTION DATA



D HB 240/135W

D HB 240/150W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Beam angle	Housing material	Life time (h)	Dimension (LxWxH) (mm)
D HB 240/135W	135	17550	110°	ADC 12	50000	240x168
D HB 240/150W	150	19500	110°	ADC 12	50000	240x168



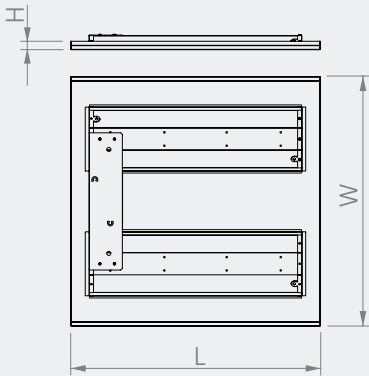
Environmentally
Friendly and Safe



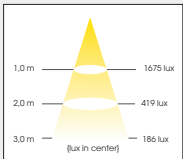
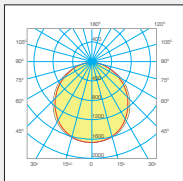
Not Chemicals



LUMINAIRE - TROFFER



LIGHT DISTRIBUTION DATA



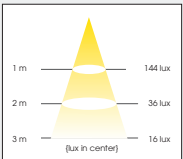
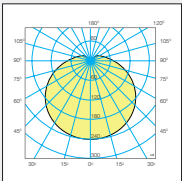
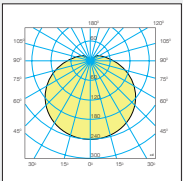
DTR 36W

SPECIFICATIONS

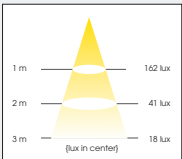
Model	Power (W)	Lumen (lm)	Beam angle	Housing material	Life time (h)	Dimension (LxW) (ft)
DTR 604x604/36W	36	4680	110°	Metal+PC	50000	2x2
DTR 604x1212/36W	36	4680	110°	Metal+PC	50000	2x4

BULB

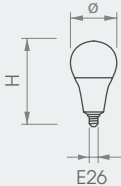
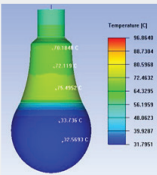
LIGHT DISTRIBUTION DATA



A19/8W



A19/10W



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Housing material	Life time (h)	Dimension (ØxH) (mm)
A19/8W	8	720	AL+PC	10000	60x111
A19/10W	10	810	AL+PC	10000	60x111



Environmentally
Friendly and Safe

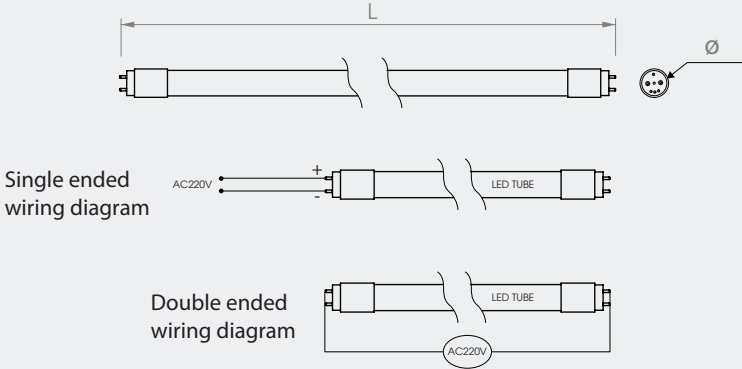
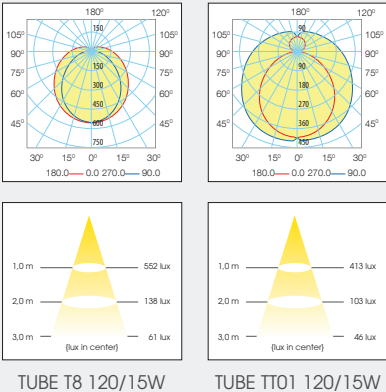


Not Chemicals



TUBE

LIGHT DISTRIBUTION DATA



AL-PC TUBE



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Base cap	Dimension (L) (ft)
TUBE T8 120/15W	15	1950	50000	G13	4

GLASS TUBE



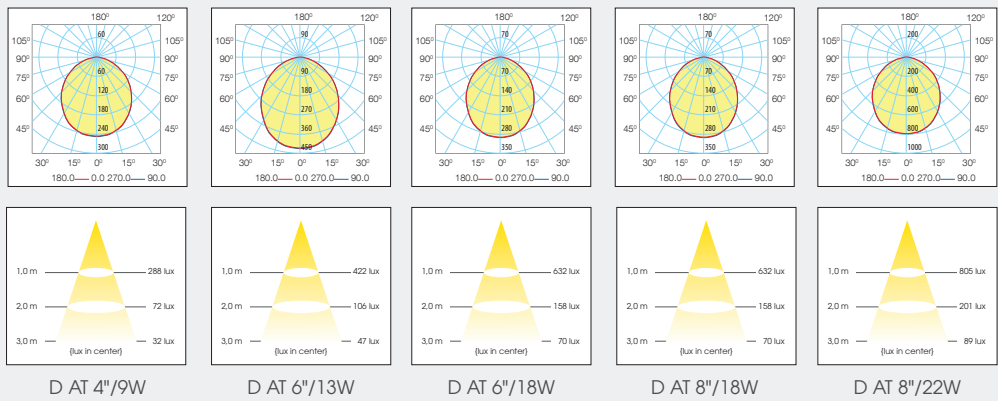
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Base cap	Dimension (L) (ft)
TUBE TT01 120/15W	15	1950	50000	G13	4

DOWNLIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Dimension (ΦxH) (mm)
DAT 4''/9W	9	750	50000	110	102x82
DAT 6''/13W	13	1100	50000	110	153x93
DAT 6''/18W	18	1650	50000	110	153x93
DAT 8''/18W	18	1650	50000	110	203x103
DAT 8''/22W	22	2100	50000	110	203x103



Environmentally
Friendly and Safe



Not Chemicals



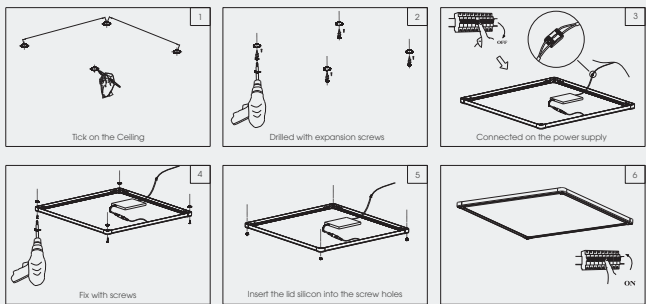
LIGHTS FOR KOREAN MARKET

Product features:

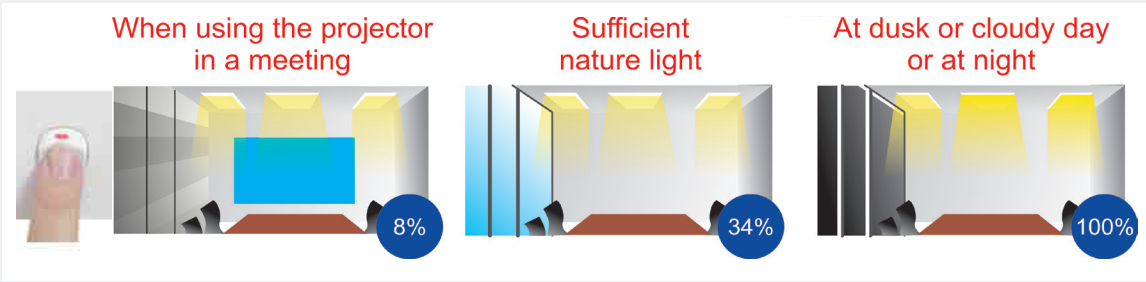
- Voltage: 220V
- Frequency: 50/60 Hz
- Power factor: 0.5÷0.9
- Luminous efficiency: 90/100/110 lm/W
- CCT: 3000K/4000K/5000K/5700K/6500K
- KC Certified
- Customization available

M - BAR PANEL LIGHT

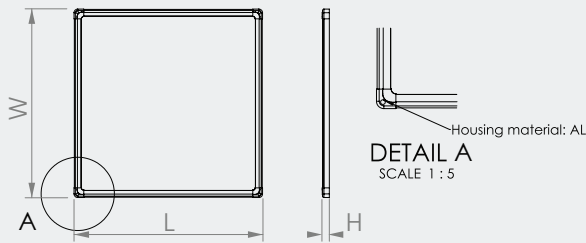
INSTALLATION



3 - STEP DIMMING



SIZE (mm)



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
D PN 320x320/15W	15	1200	25000	320x320
D PN 320x640/25W	25	2250	25000	320x640
D PN 180x640/25W	25	2250	25000	180x640
D PN 180x950/30W	30	2700	25000	180x950
D PN 320x750/30W	30	2700	25000	320x750
D PN 180x1280/40W	40	3600	25000	180x1280
D PN 520x520/40W	40	3600	25000	520x520
D PN 640x640/50W	50	4500	25000	640x640
D PN 320x1280/50W	50	4500	25000	320x1280



Environmentally
Friendly and Safe

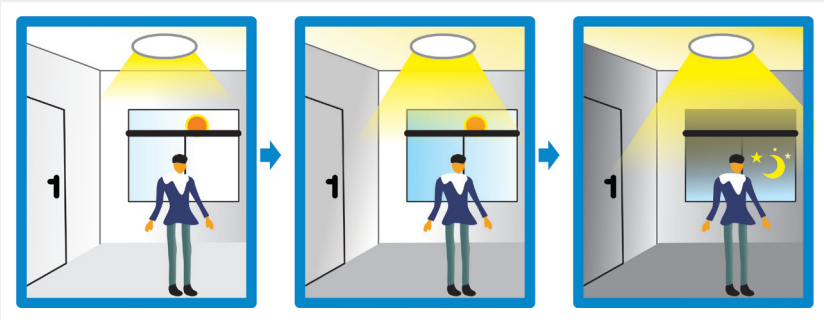
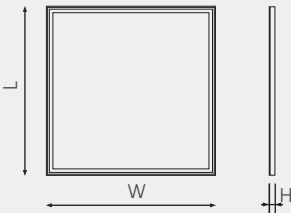


Not Chemicals



T - BAR PANEL LIGHT

AMBIENT LIGHT SENSOR



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
D PN 320x640/25W	25	2250	25000	320x640
D PN 180x640/25W	25	2250	25000	180x640
D PN 180x1280/40W	40	4400	25000	180x1280
D PN 520x520/40W	40	4400	25000	520x520
D PN 640x640/50W	50	5500	25000	640x640
D PN 320x1280/50W	50	5500	25000	320x1280
D PN 302x1213/50W	50	5500	25000	302x1313
D PN 603x603/50W	50	5500	25000	603x603
D PN 603x1213/50W	50	5500	25000	603x1213



Environmentally Friendly and Safe

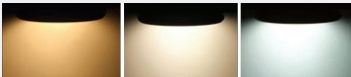


Not Chemicals



M - BAR PANEL LIGHT

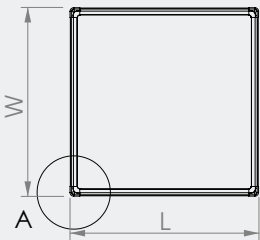
- 1 - CCT
- 3 - CCT CHANGEABLE



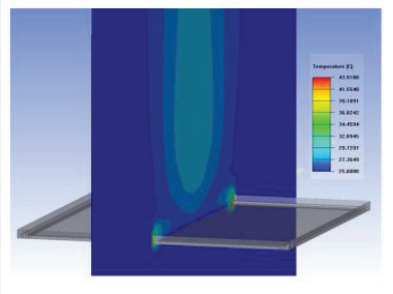
3000K 4000K 6500K CCT Switch



SIZE (mm)



Housing material: AL



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
D PN 320x320/15W	15	1200	25000	320x320
D PN 320x640/25W	25	2250	25000	320x640
D PN 180x640/25W	25	2250	25000	180x640
D PN 180x950/30W	30	2700	25000	180x950
D PN 320x750/30W	30	2700	25000	320x750
D PN 180x1280/40W	40	3600	25000	180x1280
D PN 520x520/40W	40	3600	25000	520x520
D PN 640x640/50W	50	4500	25000	640x640
D PN 320x1280/50W	50	4500	25000	320x1280



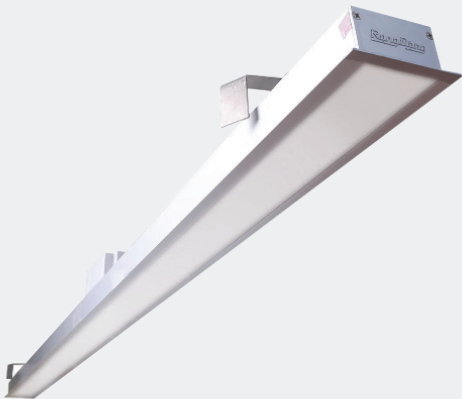
Environmentally
Friendly and Safe



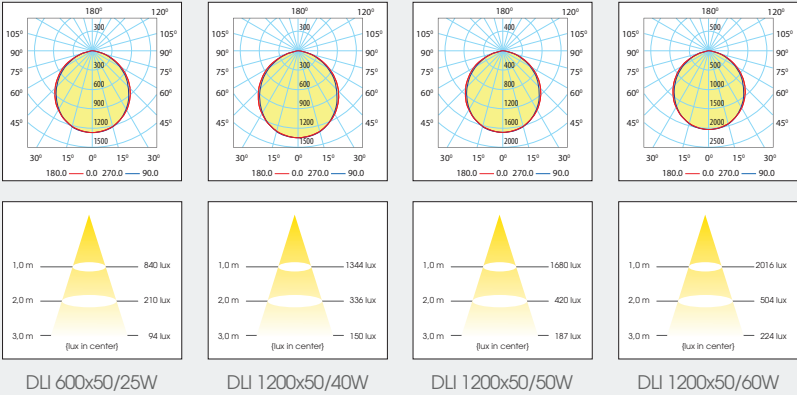
Not Chemicals



LINEAR LUMINAIRE



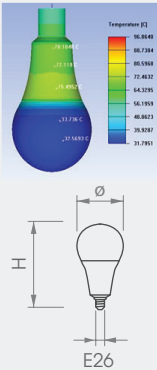
LIGHT DISTRIBUTION DATA



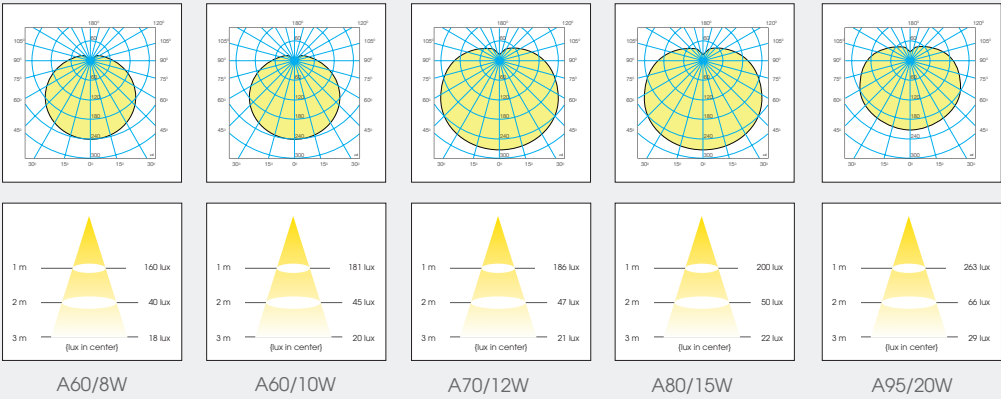
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
DLI 600x50/25W	25	2250	25000	600x50x71
DLI 1200x50/40W	40	3600	25000	1200x50x71
DLI 1200x50/50W	50	4500	25000	1200x50x71
DLI 1200x50/60W	60	5400	25000	1200x50x71

BULB



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Material	Dimension (ΦxH) (mm)
A60/8W	8	800	15000	AL+PC	60x111
A60/10W	10	1000	15000	AL+PC	60x111
A70/12W	12	1200	15000	AL+PC	70x135
A80/15W	15	1500	15000	AL+PC	80x150
A95/20W	20	2000	15000	AL+PC	95x188



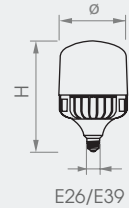
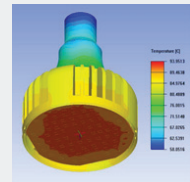
Environmentally
Friendly and Safe



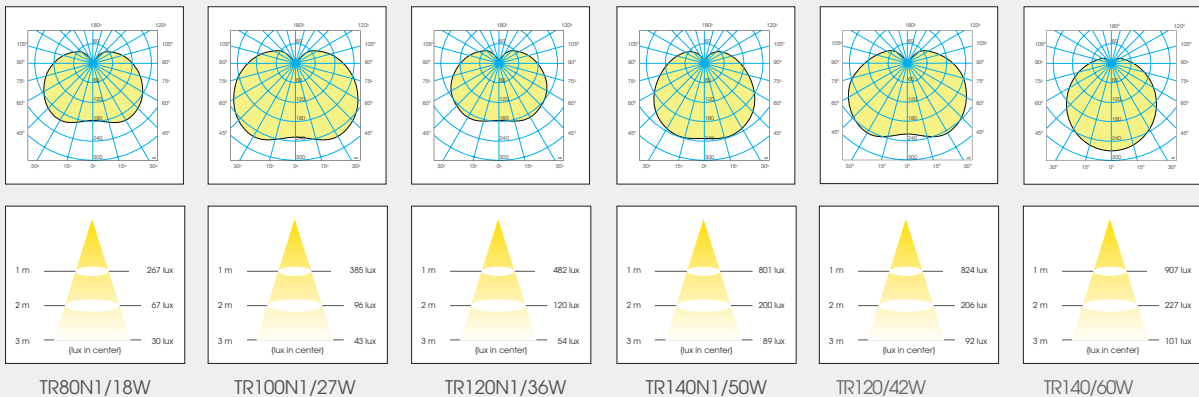
Not Chemicals



T-BULB



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Material	Dimension (ΦxH)
TR80N1/18W	18	1800	20000	AL+PC	80x145
TR100N1/27W	27	2700	20000	AL+PC	100x185
TR120N1/36W	36	3600	20000	AL+PC	120x208
TR140N1/50W	50	5000	20000	AL+PC	140x225
TR120/42W	42	4200	20000	Die - cast	120x206
TR140/60W	60	6000	20000	Die - cast	140x231



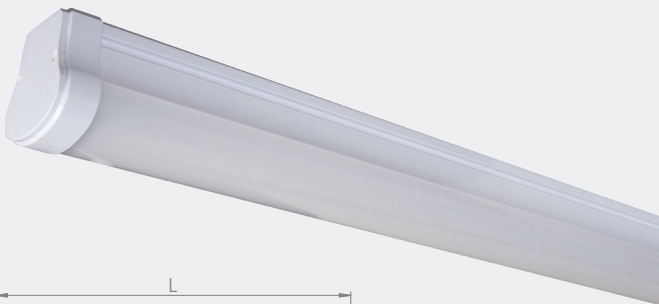
Environmentally
Friendly and Safe



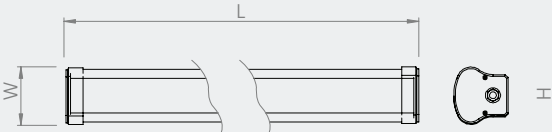
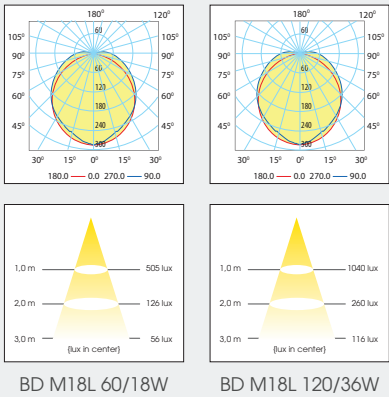
Not Chemicals



WATER - PROOF LUMINAIRE M18

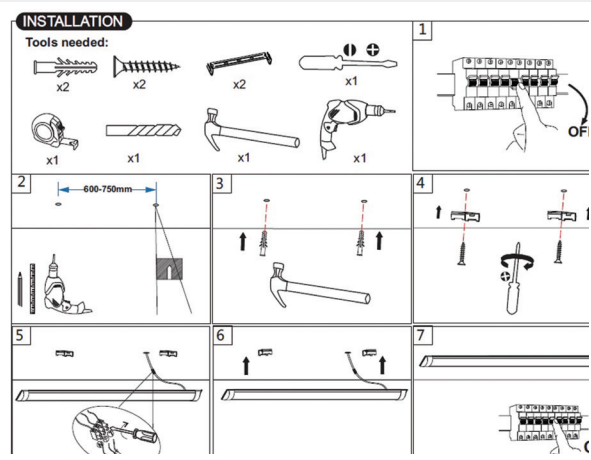


LIGHT DISTRIBUTION DATA



SPECIFICATIONS

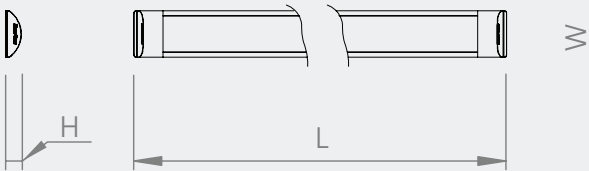
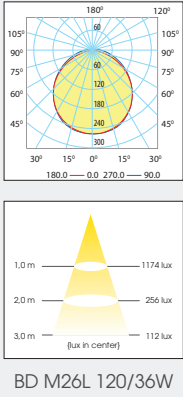
Model	Power (W)	Lumen (lm)	IP	Life time (h)	Dimension (LxWxH) (mm)
BD M18L 60/18W	18	1710	IP65	20000	630x80x78
BD M18L 120/36W	36	3420	IP65	20000	1220x80x78



LUMINAIRE M26



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
BD M26L 120/36W	36	3400	25000	1200x75x25



Environmentally
Friendly and Safe

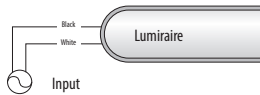


Not Chemicals



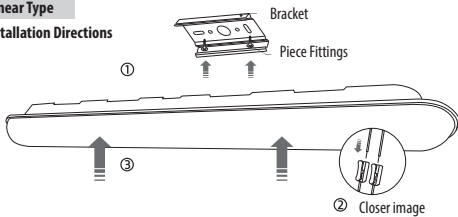
INSTALLATION

WIRING DIAGRAM

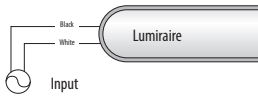


Linear Type

Installation Directions

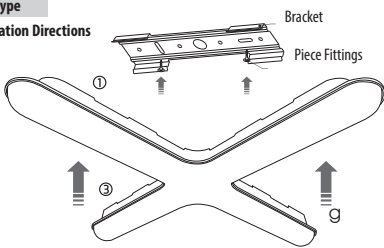


WIRING DIAGRAM

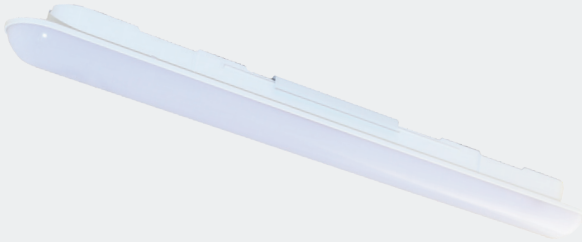


Cross Type

Installation Directions



LINEAR LIGHT



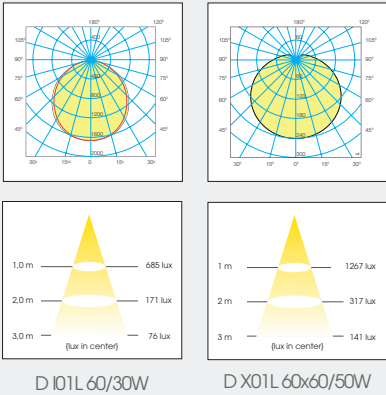
D I01L 60 30W

CROSS LIGHT



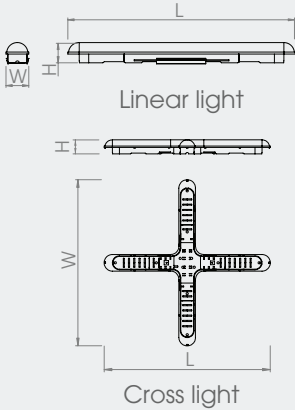
D X01L 60x60 50W

LIGHT DISTRIBUTION DATA



D I01L 60/30W

D X01L 60x60/50W



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)
D I01L 60/30W	30	2400	20000	600x60x55
D X01L 60x60/50W	50	4300	20000	600x600x50



Environmentally
Friendly and Safe



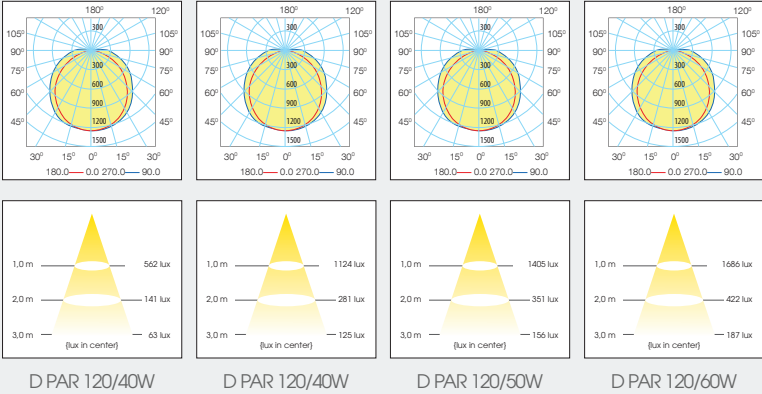
Not Chemicals



PARKING LIGHT

1 - CCT

LIGHT DISTRIBUTION DATA

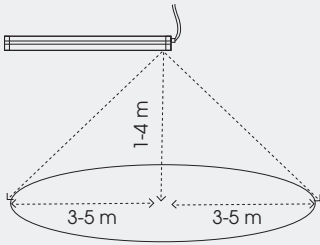
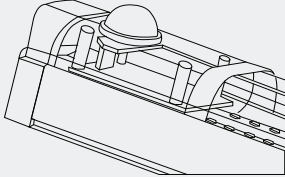
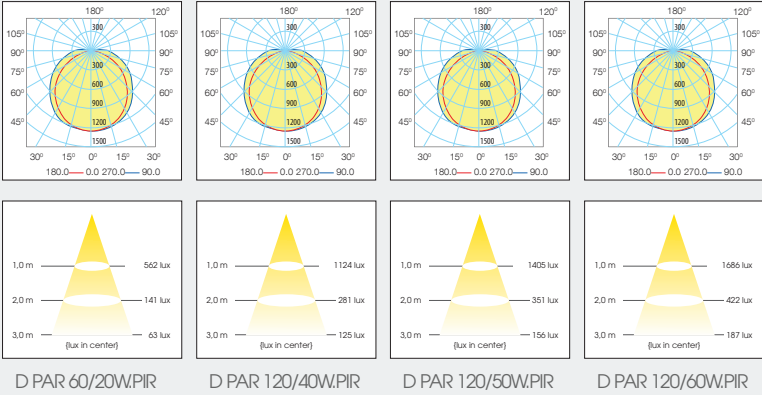


SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Material	Dimension (LxWxH) (mm)
D PAR 60/20W	20	1800	25000	AL+PC	600x60x45
D PAR 120/40W	40	3600	25000	AL+PC	1200x600x45
D PAR 120/50W	50	4500	25000	AL+PC	1200x600x45
D PAR 120/60W	60	5400	25000	AL+PC	1200x600x45

PIR SENSOR/ LIGHT SENSOR

LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Material	Dimension (LxWxH) (mm)
D PAR 60/20W.PIR	20	1800	25000	AL+PC	600x60x45
D PAR 120/40W.PIR	40	3600	25000	AL+PC	1200x600x45
D PAR 120/50W.PIR	50	4500	25000	AL+PC	1200x600x45
D PAR 120/60W.PIR	60	5400	25000	AL+PC	1200x600x45



Environmentally
Friendly and Safe

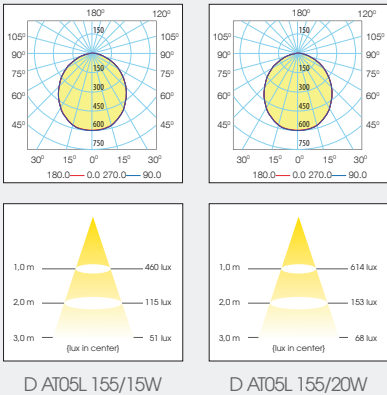


Not Chemicals



■ 1 - CCT

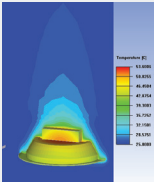
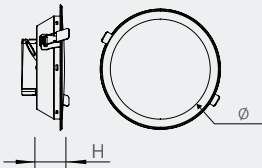
LIGHT DISTRIBUTION DATA



DOWNLIGHT



D AT05L 155/15W/20W



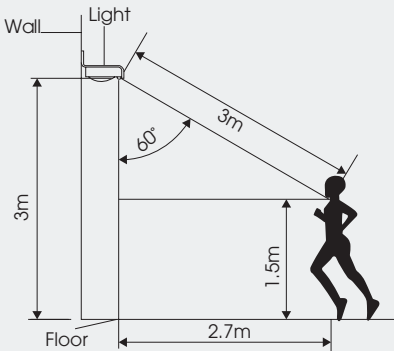
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Cutting hole (Φc) (mm)	Dimension (ΦxH) (mm)
D AT05L 155/15W	15	1200	25000	110	155	175x65
D AT05L 155/20W	20	1600	25000	110	155	175x65

■ PIR SENSOR/ LIGHT SENSOR

Sensor Activated

Two Modes: ON & OFF



- ✓ Bright light when motion sensor activated
- ✓ Off light when motion sensor deactivated

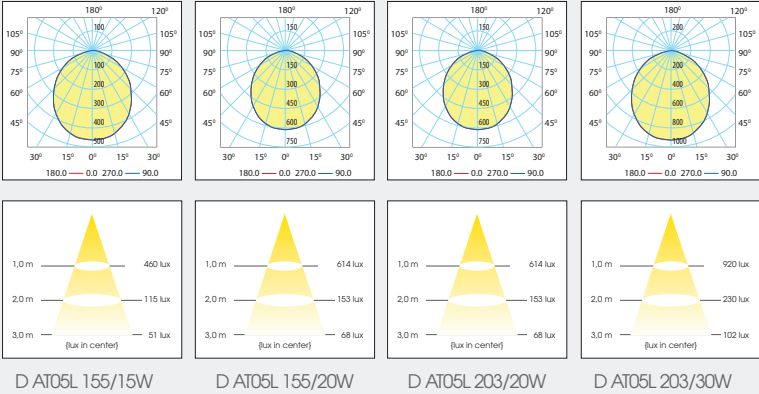


SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Cutting hole (Φc) (mm)	Dimension (ΦxH) (mm)
D AT05L 155/15W/PIR	15	1200	25000	110	155	175x65
D AT05L 155/20W/PIR	20	1600	25000	110	155	175x65

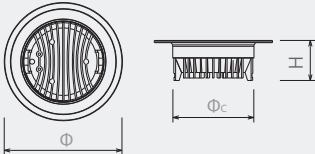
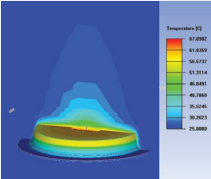
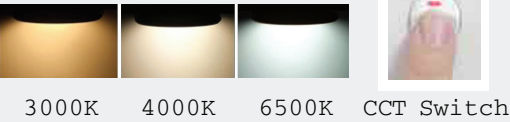
DOWNLIGHT

LIGHT DISTRIBUTION DATA



D AT05L 15W/20W/30W

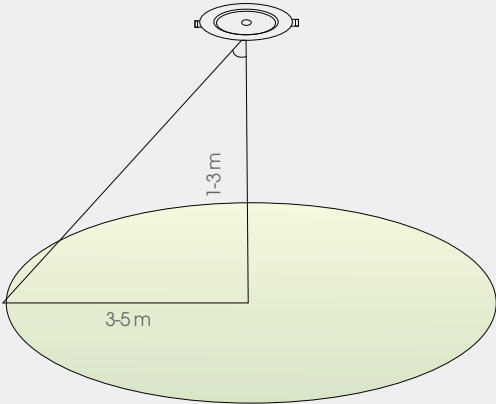
1-CCT/ 3-CCT CHANGEABLE



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Material	Cutting hole (Φc) (mm)	Dimension (ΦxH) (mm)
D AT05L 155/15W	15	1200	25000	110	ADC 12	155	180x74
D AT05L 155/20W	20	1600	25000	110	ADC 12	155	180x74
D AT05L 203/20W	20	1600	25000	110	ADC 12	203	242x94
D AT05L 203/30W	30	2400	25000	110	ADC 12	203	242x94

PIR SENSOR/ LIGHT SENSOR



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Material	Cutting hole (Φc) (mm)	Dimension (ΦxH) (mm)
D AT05L 155/15W.PIR	15	1200	25000	110	ADC 12	155	180x74
D AT05L 155/20W.PIR	20	1600	25000	110	ADC 12	155	180x74



Environmentally
Friendly and Safe



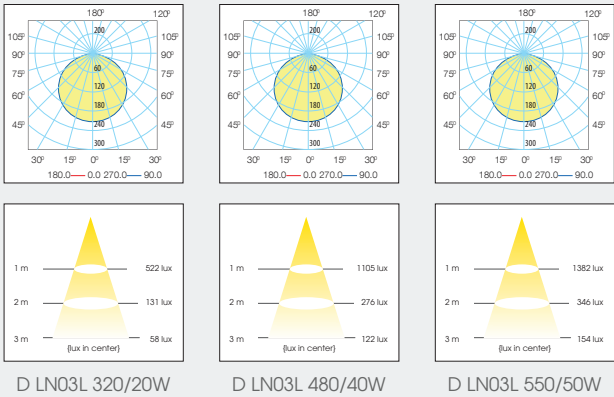
Not Chemicals



CEILING LIGHT

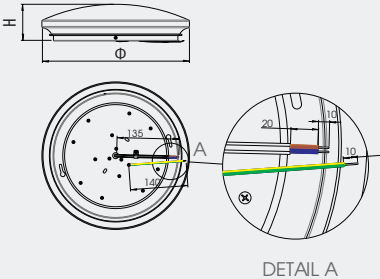
1-CCT/ 3-CCT CHANGEABLE

LIGHT DISTRIBUTION DATA



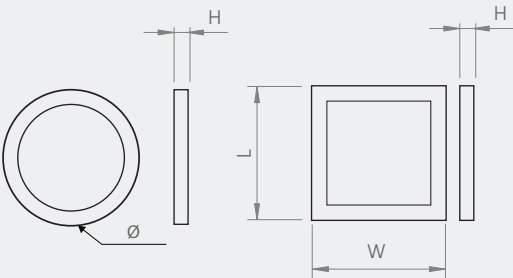
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Material	Dimension (ΦxH) (mm)
D LN03L 320/20W	20	1800	25000	Metal + PC	320x80
D LN03L 480/40W	40	3600	25000	Metal + PC	480x115
D LN03L 550/50W	50	4500	25000	Metal + PC	550x80

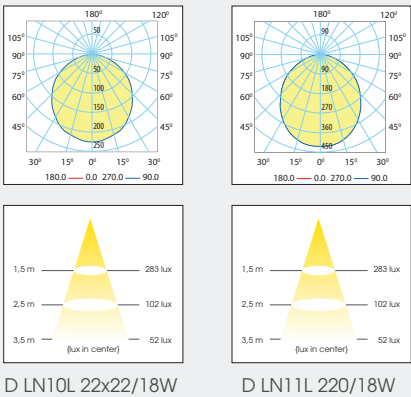


SLIM CEILING LIGHT

1-CCT/ SENSOR (PIR/ LIGHT)



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

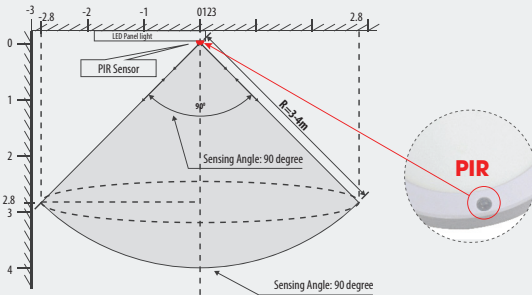
Model	Power (W)	Lumen (lm)	Life time (h)	Material	Dimension (LxWxH)
D LN10L 22x22/18W	18	1440	25 000	PC	220x220x18
D LN11L 220/18W	18	1440	25 000	PC	220x18

D LN10L 22x22/18W

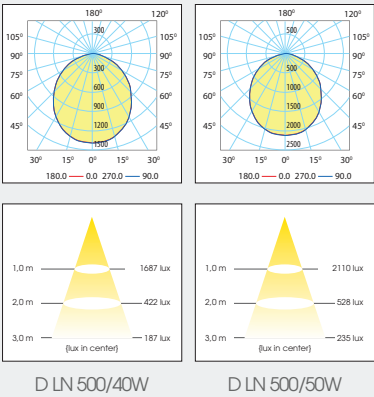
D LN11L 220/18W



PIR Sensor Working Principle



LIGHT DISTRIBUTION DATA



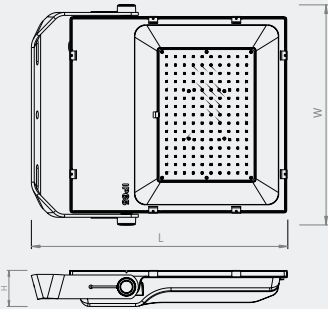
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Material	Dimension (ΦxH) (mm)
D LN 500/40W	40	3600/4400	25000	110	Metal	500x500x80
D LN 500/50W	50	4500/5500	25000	110	Metal	500x500x80

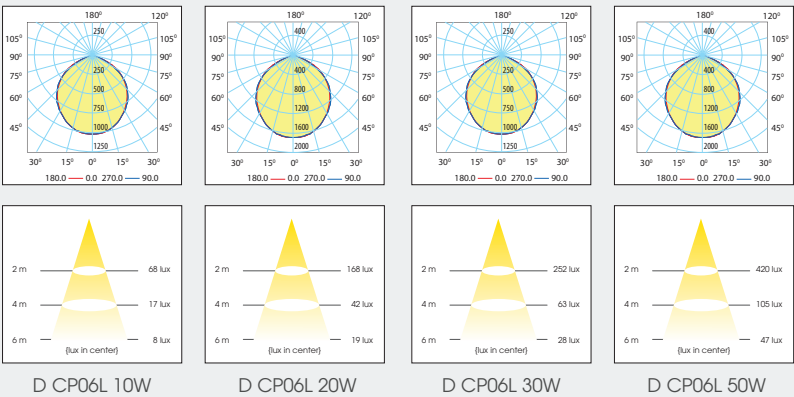
HOME LIGHTING



FLOOD LIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Dimension (LxWxH) (mm)
D CP06L 10W	10	900	25000	110	136x116x40
D CP06L 20W	20	1800	25000	110	136x116x40
D CP06L 30W	30	2400	25000	110	200/180/55
D CP06L 50W	50	4000	25000	110	220x197x55



Environmentally
Friendly and Safe



Not Chemicals



LIGHTING SOLUTION

Product features:

- Voltage: 110/220/100÷277V
- Frequency: 50/60 Hz
- Power factor: 0.5÷0.9
- UL/ DLC/ Energy star/ CE/ KC
- Customization available



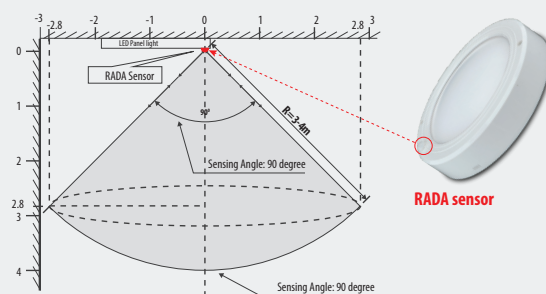
SMART LIGHTING

SMART CEILING LIGHT

PRODUCT FEATURES:

- Light sensor and radar sensor integrated
- Lights are automatically turned on when it's dark and there's movement under the sensor operating range
- Lights are automatically turned off after 20s $\pm 5\%$ of no movement
- Operating distance: $\leq 10\text{m}$
- Operating angle: $160^\circ \times 360^\circ$
- Applying Doppler effect with advanced 5.8Ghz antenna technology that can detect even the slightest movement.
- Temperature-independent
- Working through obstacles such as glass, thin plastic, etc.
- Using high quality and efficacy package with long lifetime and excellent luminous efficacy
- Mica light diffuse surface helps spread light evenly.
- No mercury and toxic chemicals, no UV emission, safe to use
- Long lifetime, saving maintenance cost

RADA Sensor Working Principle



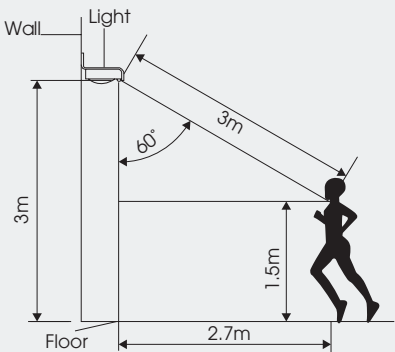
Attention

1. Sensing method: RADA Sensor
2. Sensing distance: 3-4m
3. Sensing angle: 90 degree
4. Sensing duration: 30s

SMART CEILING LIGHT ON-OFF SENSOR

Sensor Activated

Two Modes: ON & OFF

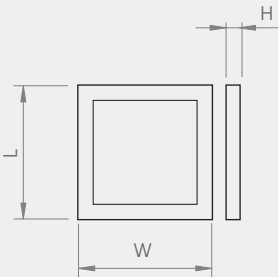


- ✓ Bright light when motion sensor activated
- ✓ Off light when motion sensor deactivated

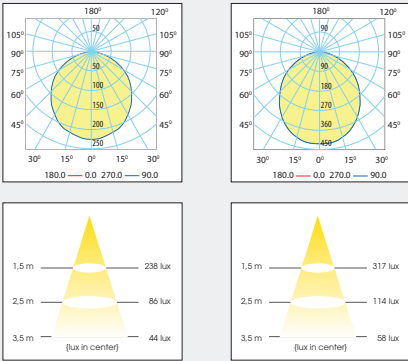


D LN08L 23x23/18W.RAD

D LN08L 30x30/24W.RAD



LIGHT DISTRIBUTION DATA



D LN08L 23x23/18W.RAD

D LN08L 30x30/24W.RAD

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Sensor	Dimension (LxWxH)
D LN08L 23x23/18W.RAD	18	1100	15 000	RADA	215x215x29
D LN08L 30x30/24W.RAD	24	1800	15 000	RADA	300x300x29



Environmentally
Friendly and Safe



Not Chemicals



SMART CEILING LIGHT ON-OFF SENSOR



D LN09L 230/18W RAD



D LN09L 300/24W RAD



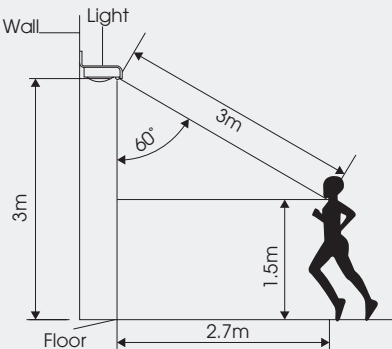
D LN10L 22x22/18W.PIR



D LN11L 220/18W.PIR

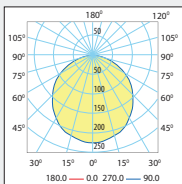
Sensor Activated

Two Modes: ON & OFF

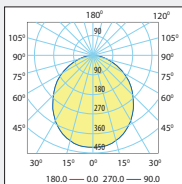


- ✓ Bright light when motion sensor activated
- ✓ Off light when motion sensor deactivated

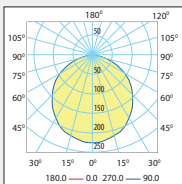
LIGHT DISTRIBUTION DATA



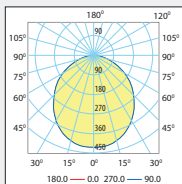
D LN09L
230/18W.RAD



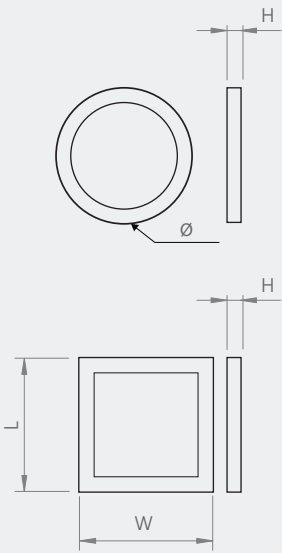
D LN09L
300/24W.RAD



D LN10L
22x22/18W.PIR



D LN11L
220/18W.PIR



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Sensor	Dimension (LxWxH)
D LN09L 230/18W.RAD	18	1100	15 000	RADA	215x29
D LN09L 300/24W.RAD	24	1800	15 000	RADA	300x29
D LN10L 22x22/18W.PIR	18	1500	15 000	PIR	220x220x18
D LN11L 220/18W.PIR	18	1500	15 000	PIR	220x18



Environmentally
Friendly and Safe



Not Chemicals

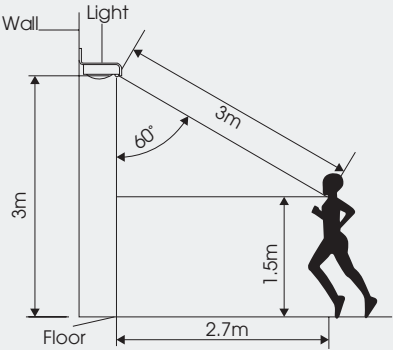


SMART DOWNLIGHT ON-OFF SENSOR



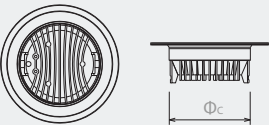
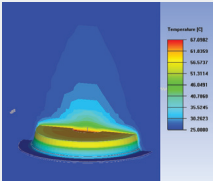
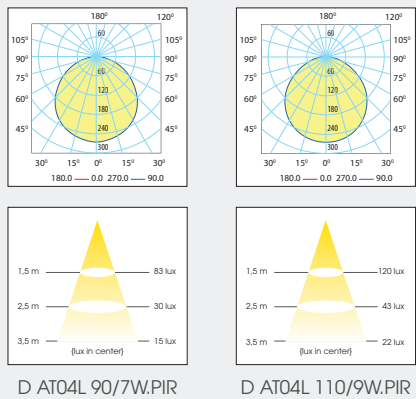
Sensor Activated

Two Modes: ON & OFF



- ✓ Bright light when motion sensor activated
- ✓ Off light when motion sensor deactivated

LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Beam angle	Cutting hole (Φc) (mm)	Sensor
D AT04L 90/7W.PIR	7	480	20000	105	90	PIR
D AT04L 110/9W.PIR	9	650	20000	105	115	PIR

SMART BULB



A60/7W.RAD



A60/9W.RAD



TR70/15W.RAD



A60 DM/7W



A60 DM/9W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Feature	Dimension (ΦxH) (mm)
A60/7W.RAD	7	630	20000	RADA	60x111
A60/9W.RAD	9	810	20000	RADA	60x111
TR70/15W.RAD	15	1350	20000	RADA	70x130
A60 DM/7W	7	750	20000	Changing color	60x111
A60 DM/9W	9	900	20000	Changing color	60x111

SMART TUBE



TUBE T8 120/18W.RAD



TUBE T8 DM 120/18W

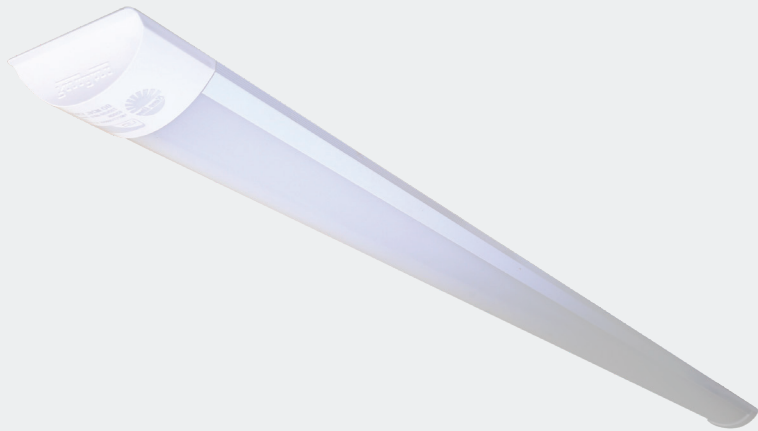
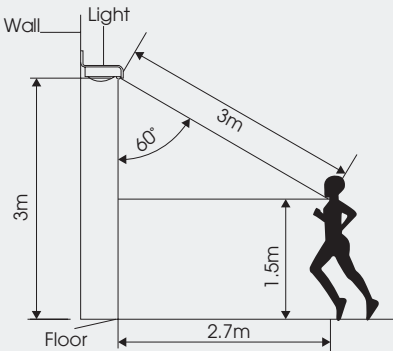
SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Feature	Dimension (ΦxH) (mm)
TUBE T8 120/18W.RAD	18	2000	25 000	RADA	28x1213
TUBE T8 DM 120/18W	18	2000	25000	Changing color	28x1213

SMART LUMINAIRE M26

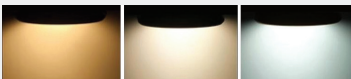
Sensor Activated

Two Modes: ON & OFF

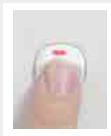


- ✓ Bright light when motion sensor activated
- ✓ Off light when motion sensor deactivated

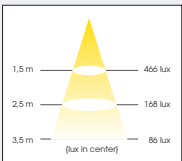
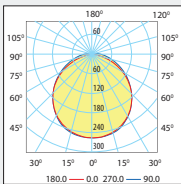
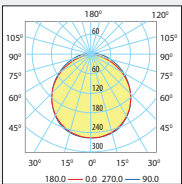
3-CCT changeable



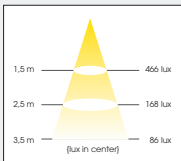
3000K 4000K 6500K CCT Switch



LIGHT DISTRIBUTION DATA



BD M26L 120/36W.
RAD



BD M26L DM
120/36W



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Feature	Dimension (LxWxH) (mm)
BD M26L 120/36W/RAD	36	3100	25000	RADA	1200x75x25
BD M26L DM 120/36W	36	3100	25000	Changing color	1200x75x25



Environmentally
Friendly and Safe



Not Chemicals



SMART LUMINAIRE M15

RADA SENSOR - DIMMABLE TO 30%

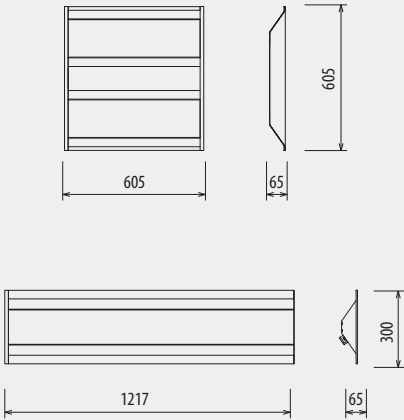
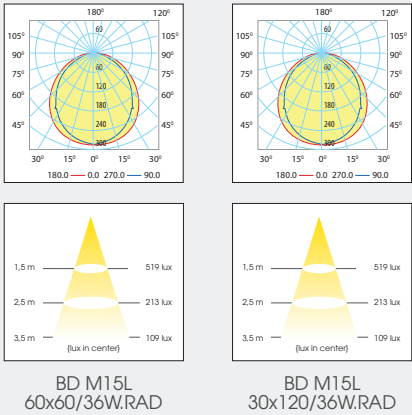


BD M15L 60x60/36W.RAD



BD M15L 30x120/36W. RAD

LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)
BD M15L 60x60/36W.RAD	36	3100	15 000
BD M15L 30x120/36W.RAD	36	3100	15 000



Environmentally
Friendly and Safe



Not Chemicals

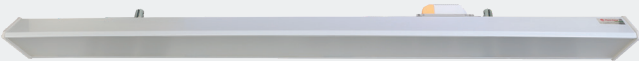




CLASSROOM LIGHT

- Exclusively patented.
- Using asymmetric reflector to double uniformity.
- Low power consumption: 50% less than Fluorescent lamp.
- Aluminum extruding housing for good heat transfer.
- Using electrostatic powder coating.
- Flicker Free, no UV/ IR.
- High luminous efficacy.
- High CRI.

CLASSROOM LIGHT

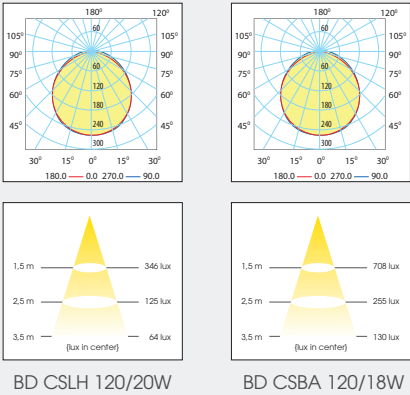


BD CSLH 120/20W



BD CSBA 120/18W

LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (ΦxH) (mm)
BD CSLH 120/20W	20	2000	25000	1212x100x100
BD CSBA 120/18W	18	1800	25000	1200x460x100



Environmentally
Friendly and Safe



Not Chemicals





LIGHTING FOR FISHERY

- Distinguished light spectrum for different types of fish.
- Optimal thermal technology with ANSYS Icepak thermal simulation.
- Good performance and reliability.
- 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).

FISHING LIGHT

Squid catching light



DCM 01L/30W
DCM 01L/50W

Raft fishing light



D B04L/150W

Ship board light



DCB 02L/50W



DCB 02L/100W/150W



SPECIFICATIONS

Model	Voltage (V)	Power (W)	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	Life time (h)	Dimension (ΦxH) (mm)	Weight (Kg)	Feature
DCM 01L/30w	10÷15 VDC	30	3000	100	6500/5000/4000/Green	20000	135x120x125	1.0	Squid catching lamp
DCM 01L/50w	10÷15 VDC	50	5000	100	6500/5000/4000/Green	20000	135x120x125	1.0	
D B04L/150w	20÷28 VDC	150	18000	120	5000/4000/3000	20000	272x220	4.0	Raft fishing
DCB 02L/50w	150÷250	50	5500	110	5000/4000/3000	20000	190x130x150	1.5	Squid board lamp
D CB02L/100W	150÷250	100	12000	120	5000/4000/3000	20000	270x130x150	2.0	
D CB02L/150W	150÷250	150	18000	120	5000/4000/3000	20000	290x130x150	2.5	



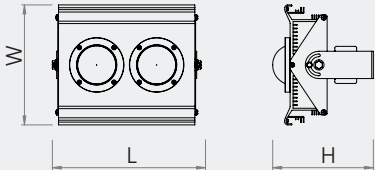
Environmentally
Friendly and Safe



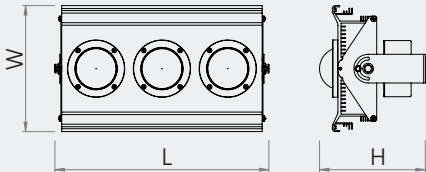
Not Chemicals



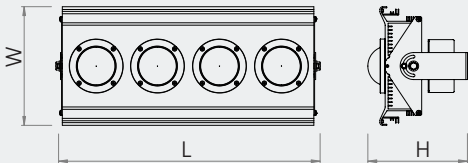
FISHING LIGHT



D CD04L/200W



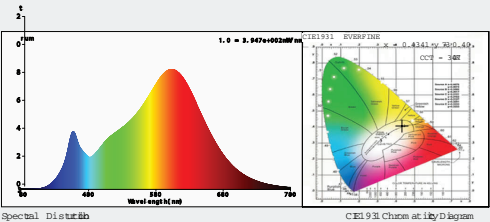
D CD04L/300W



D CD04L/400W



SPECTRUM



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	Life time (h)	Dimension (LxWxH) (mm)	Weight (Kg)
D DC04L/200W	200	26000	20000	272x220	4.0
D DC04L/300W	300	39000	20000	373x220	5.2
D DC04L/400W	400	52000	20000	508x220	7.8



Environmentally
Friendly and Safe



Not Chemicals



UNDERWATER LIGHT

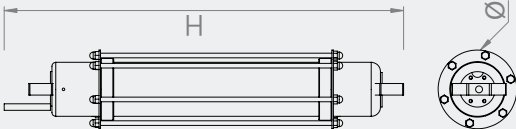


D TC01/200W



D TC01/600W

IP68



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	CCT (K)	Life time (h)	Dimension (ΦxH) (mm)	Weight (Kg)
D TC01/200W	200	17000	4000/Green	20000	102x440	3.00
D TC01L/600W	600	48000	4000/ Green	20000	102x450	4.00



Environmentally
Friendly and Safe



Not Chemicals



LIGHTING FOR HI-TECH AGRICULTURE



FEATURES:

- 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



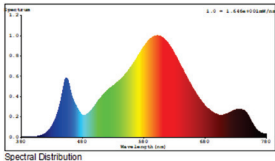
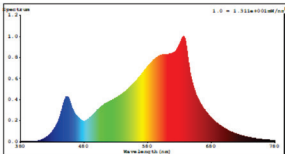
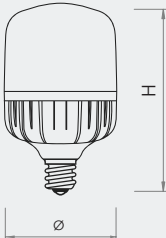
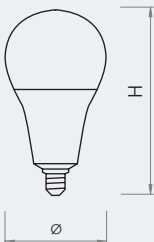
HI-TECH AGRICULTURE LIGHT PLANT CULTIVATION



HC A60/6W WR HC
A60/9W 3000K



TL-T60 WFR/9W



IP65

SPECIFICATIONS

Model	Power (W)	PPF (μmol/s)	Life time (h)
HC A60/6W WR	6	8	15 000
HC A60/9W 3000K	9	8	15 000
TL-T60 WFR/9W	9	11	15 000



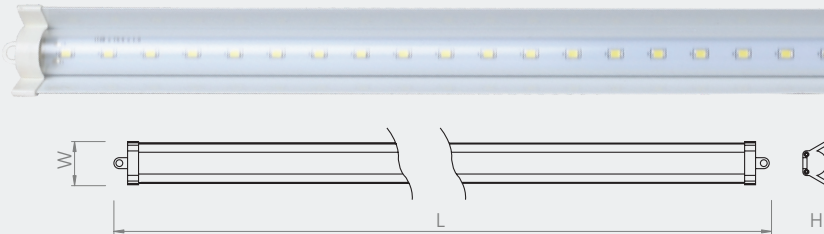
Environmentally
Friendly and Safe



Not Chemicals

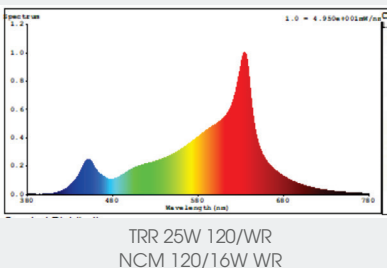
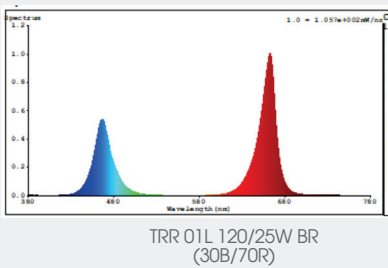


HI-TECH AGRICULTURE LIGHT



■ VEGETABLE GROW LIGHT

SPECTRUM

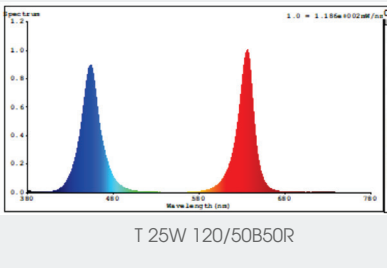
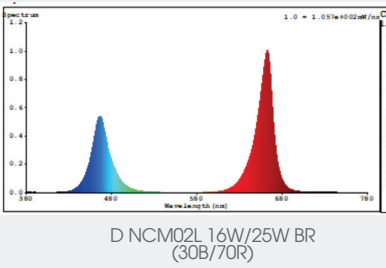
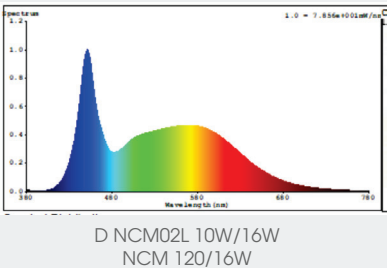


SPECIFICATIONS

Model	Power (W)	PPF (μmol/s)	CCT	Life time (h)
TRR 01L 120/25W BR (30B/70R)	25	32	Blue/Red	20000
TRR 25W 120/WR	25	30	White/Yellow	20000

■ TISSUE CULTURE LIGHT

SPECTRUM



SPECIFICATIONS

Model	Power (W)	PPF (μmol/s)	CCT (K)	Life time (h)
D NCM02L 60/10W	10	14	White/Yellow	20000
D NCM02L 120/10W	10	15	White/Yellow	20000
D NCM02L 120/16W	16	20	White/Yellow	20000
D NCM02L 120/16W BR (30B/70R)	16	21	Blue/Red	20000
NCM 120/16W WR	16	20	White/Yellow	20000
NCM 120/16W	16	0-20	White/Yellow	20000
T 25W 120/50B50R	25	26	Blue/Red	20000
TRR 01L 120/25W BR (30B/70R)	25	32	Blue/Red	20000



SOLAR LIGHT

Solar Panel:

- Poly-crystalline technology helps prolong the lifetime (approx. 25 years) and brings high reliability.

Battery:

- Using Lithium battery that can lasts 12 years.

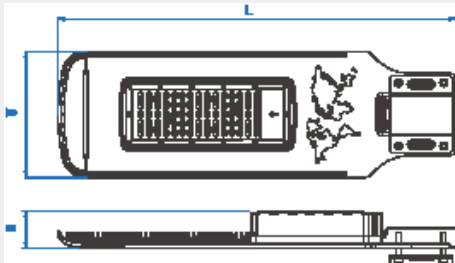
Controller:

- Charge/discharge controller protects the battery and automatically adjusts the brightness

Light:

- By use of high-grade LED from Cree, the light is strongly resistant to the outdoor environment
- Long lifespan: 50000 hrs
- Dimmable at 2 levels
- IP 66

SOLAR STREET LIGHT



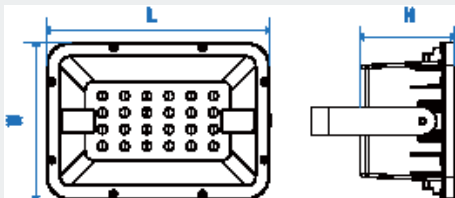
CSD 01SL 30W/50W

CSD 02SL/15W

SPECIFICATIONS

Model	Power (W)	Lumen (lm)	CCT (K)	Lighting time (hrs)	Beam angle (o)	Life time (h)	Dimension (LxWxH) (mm)
CSD 01SL/30W	30	3200	5000/6500	30	75x150	50000	650x206x73
CSD 01SL/50W	50	4600	5000/6500	30	75x150	50000	650x206x73
CSD 02SL/15W	15	450	5000/6500	12	75x150	50000	436x204x36

SOLAR FLOOD LIGHT



SPECIFICATIONS

Model	Power (W)	Lumen (lm)	CCT (K)	Lighting time (hrs)	Dimming	Life time (h)	Dimension (LxWxH) (mm)
CP 01SL/10W	10	540	5000/6500	12	2 level	50000	130x90x58
CP 01SL/40W	40	1200	5000/6500	12	2 level	50000	140x200x129
CP 01SL/90W	90	4600	5000/6500	12	2 level	50000	321x286x66



Environmentally
Friendly and Safe



Not Chemicals



CERTIFICATES & PERMITS

AGC 鑫宇环检测
Report of Global Compliance

Page 1 of 2

Safety Test Report

Report No. AGC02350180201E001

PRODUCT DESIGNATION : LED Bulb
BRAND NAME : Rang Dang
MODEL NAME : LED A60E1/7W, LED A60E1/7W, LED A60E1/12W
CLIENT : RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
DATE OF ISSUE : Mar-20-2018
STANDARD(S) : EN 62560-2012-A1:2015
REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd.

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AGC 鑫宇环检测
Report of Global Compliance

Page 1 of 4

EMC Test Report

Report No. AGC02350180201E001

PRODUCT DESIGNATION : LED Bulb
BRAND NAME : Rang Dang
MODEL NAME : LED A60E1/12W, LED A60E1/7W, LED A60E1/7W
CLIENT : RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
DATE OF ISSUE : Feb-07-2018
STANDARD(S) : EN 55015:2012-A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009
REPORT VERSION : V1.0

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Report of Global Compliance

Page 1 of 23

Safety Test Report

Report No. AGC02350180301E001

PRODUCT DESIGNATION : LED Tube
BRAND NAME : Rang Dang
MODEL NAME : LED TUBE T8 T10 120/18W, LED TUBE T8 T10 60/18W
CLIENT : RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
DATE OF ISSUE : Mar-20-2018
STANDARD(S) : EN 62776:2015
REPORT VERSION : V1.0

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Report of Global Compliance

Page 1 of 12

EMC Test Report

Report No. AGC02350180301E001

PRODUCT DESIGNATION : LED Tube
BRAND NAME : Rang Dang
MODEL NAME : LED TUBE T8 T10 120/18W, LED TUBE T8 T10 60/18W
CLIENT : RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
DATE OF ISSUE : Mar-14-2018
STANDARD(S) : EN 55015:2012-A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009
REPORT VERSION : V1.0

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SZUTEST CE

CERTIFICATE OF COMPLIANCE

The technical file and test reports of the following product have been checked and found in compliance with the European and Council Directive 2014/53/EU of 28 February 2014 on the harmonization of the laws of Member States relating to technical equipment designed for use within certain voltage limits.

Certificate Number: 002-16-00791

Applicant: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
87-85, Ha Don Street, Thanh Xuan District, Hanoi, Vietnam

Manufacturer: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
87-85, Ha Don Street, Thanh Xuan District, Hanoi, Vietnam

Product: LED BULB
LED A60E1/7W, LED A60E1/12W, LED A60E1/18W

Type: LED A60E1/7W, LED A60E1/12W, LED A60E1/18W

Base of attestation: File of technical documentation No. VN-2018000-A1

Applied Standards: EN 60529:2012

Validity: 10.05.2018 to 05.05.2023

CE

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CERTIFICATE OF COMPLIANCE

The technical file and test reports of the following product have been checked and found in compliance with the European and Council Directive 2014/53/EU of 28 February 2014 on the harmonization of the laws of Member States relating to technical equipment designed for use within certain voltage limits.

Certificate Number: 016-16-00790

Applicant: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
87-85, Ha Don Street, Thanh Xuan District, Hanoi, Vietnam

Manufacturer: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
87-85, Ha Don Street, Thanh Xuan District, Hanoi, Vietnam

Product: LED TUBE
LED TUBE T8 T10 120/18W, LED TUBE T8 T10 60/18W

Type: LED TUBE T8 T10 120/18W, LED TUBE T8 T10 60/18W

Base of attestation: File of technical documentation No. VN-2018000-A1

Applied Standards: EN 62776:2015

Validity: 10.05.2018 to 05.05.2023

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CERTIFICATE OF COMPLIANCE

The technical file and test reports of the following product have been checked and found in compliance with the European and Council Directive 2014/53/EU of 28 February 2014 on the harmonization of the laws of Member States relating to technical equipment designed for use within certain voltage limits.

Certificate Number: 002-16-00791

Applicant: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
87-85, Ha Don Street, Thanh Xuan District, Hanoi, Vietnam

Manufacturer: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
87-85, Ha Don Street, Thanh Xuan District, Hanoi, Vietnam

Product: LED LIGHT
LED A60E1/7W, LED A60E1/12W, LED A60E1/18W, LED A60E1/12W, LED A60E1/18W, LED A60E1/12W, LED A60E1/18W

Type: LED A60E1/7W, LED A60E1/12W, LED A60E1/18W, LED A60E1/12W, LED A60E1/18W, LED A60E1/12W, LED A60E1/18W

Base of attestation: File of technical documentation No. VN-2018000-A1

Applied Standards: EN 60529:2012, EN 60529:2012

Validity: 10.05.2018 to 05.05.2023

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Contact us

RANG DONG LIGHT SOURCE AND VACUUM FLASK JOINT STOCK COMPANY

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