

CATALOGUE

LED

20 ²⁰ ₂₁



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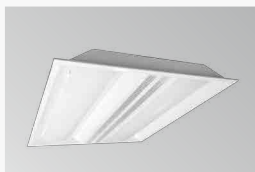
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LED LIGHT

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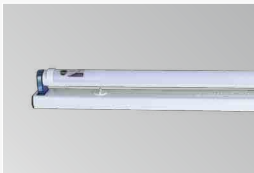


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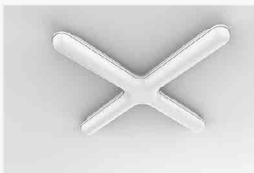
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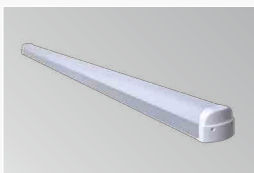
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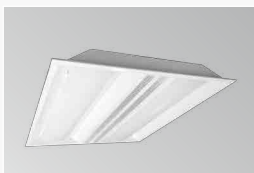
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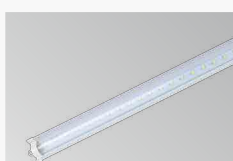


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ABOUT US

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, rising to become the leading Vietnamese manufacturer and distributor of lighting products and solutions.



HISTORY

1958

Started construction of Rang Dong 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.



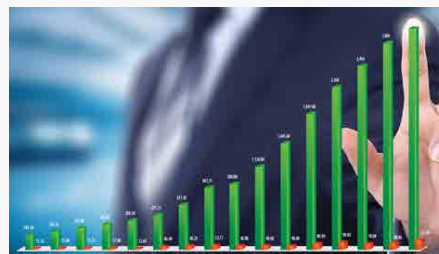
2011

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



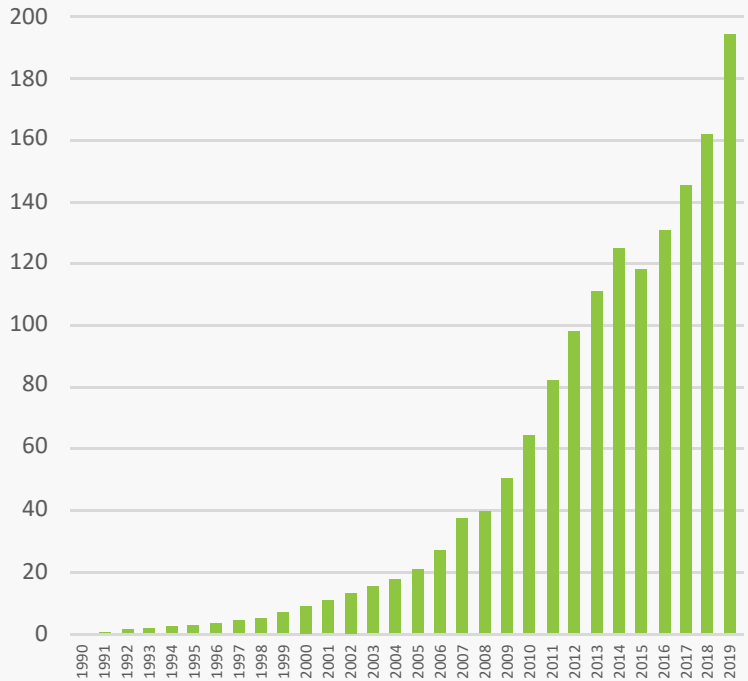
NOW

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



BUSINESS PERFORMANCE

SALES REVENUE 2019: **185 MILLION USD**



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

Ranked in TOP 50 Best Vietnamese Listed companies (8 consecutive years)



















Ranked in TOP 500 Largest companies in Vietnam (8 consecutive years)

Ranked in TOP 500 Largest private companies Vietnam (8 consecutive years)

Ranked in TOP 1000 Biggest corporate income tax payers in Vietnam (according to the Corporate's Tax code) (8 consecutive years)

Ranked in TOP 10 Vietnam's famous trademark winners in 2019



 <p>ISO 9001:2015</p>	 <p>ISO 14001:2015 Certification</p>	 <p>ISO 50001 ENERGY MANAGEMENT</p>	
 <p>CE Certification (EU market)</p>	 <p>KC Certification (Korea market)</p>	 <p>UL Certification (USA market)</p>	 <p>DLC PREMIUM DLC QUALIFIED LISTED Certification (USA market)</p>
 <p>Eye Safe IEC 62471 Eye protection (Standard: IEC 62471)</p>	 <p>Environmentally Friendly and Safe</p>	 <p>Not Chemicals</p>	 <p>Ra 80+ Color Rendering Index</p>
 <p>RoHS Compliant</p>			
 <p>LED package provided by SAMSUNG</p>	 <p>FREE No flash (Non Flicker)</p>	 <p>IP65 RATED Ingress protection</p>	
 <p>DIMMABLE Dimmable</p>	 <p>Non Dimmable</p>	 <p>2 YEARS Warranty</p>	

LED SMART LIGHTING

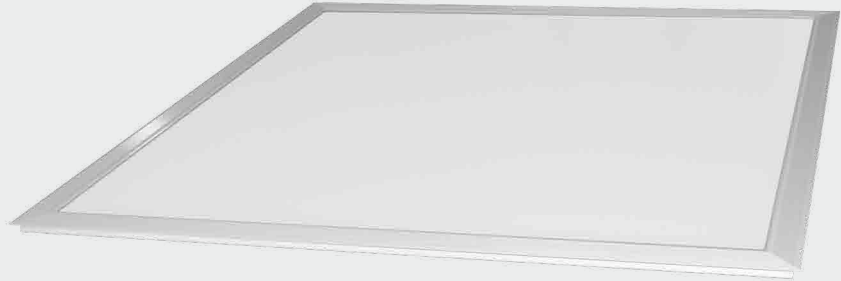


DIMMABLE PANEL LIGHT

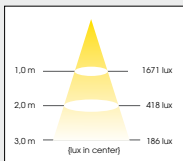
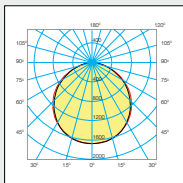
PRODUCT FEATURES:

- Use remote control dimmer switch
- Dim the light at 0%-100%
- Adjust light scenarios using control board
- Remote controller can work through wall
- Control within 50m distance (without obstacles)
- Use high quality and energy-efficient LED 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
- Flicker free

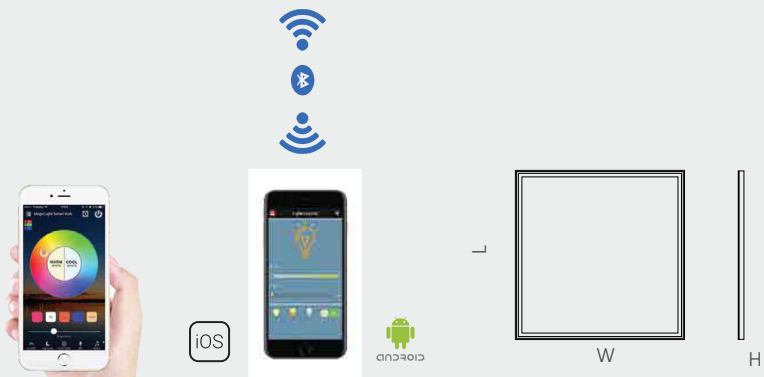
DIMMABLE PANEL LIGHT



LIGHT DISTRIBUTION DATA



D PN 60x60/36W



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimmer	Dimension (LxWxH) (mm)
D PN 60x60/36W	100÷277	50/60	36	0.9	3780	105	6500/3000	80	50000	Bluetooth	604x604x10



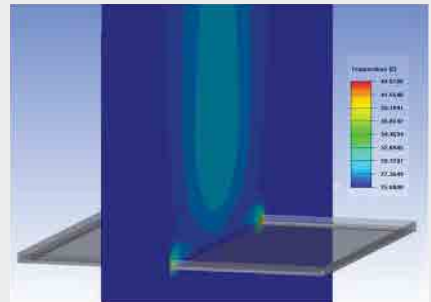
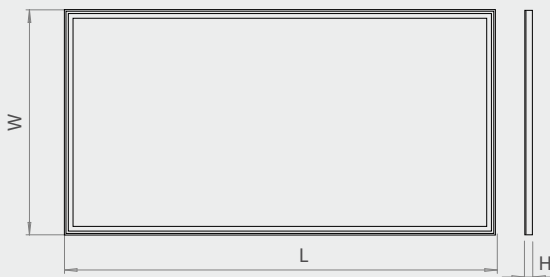
Environmentally Friendly and Safe



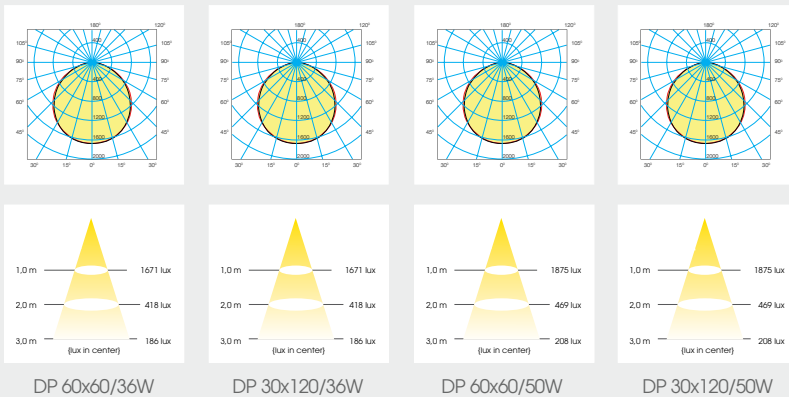
Not Chemicals



T-BAR LED PANEL LIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)	Feature
DP 60x60/36W	100~277	50/60	36	0.9	4680	130	5000/4000	80	50000	604x604x12	Dimming 0-10V
DP 30x120/36W	100~277	50/60	36	0.9	4680	130	5000/4000	80	50000	302x1213x12	
DP 60x60/50W	100~277	50/60	50	0.9	5250	105	5000/4000	80	50000	604x604x12	
DP 30x120/50W	100~277	50/60	50	0.9	5250	105	5000/4000	80	50000	302x1213x12	
DP 60x120/50W	100~277	50/60	50	0.9	5250	105	5000/4000	80	50000	604x1213x12	
DP 60x120/50W	100~277	50/60	50	0.9	6500	130	5000/4000	80	50000	604x1213x12	

* : UL (Underwriters Laboratories USA)



Environmentally
Friendly and Safe



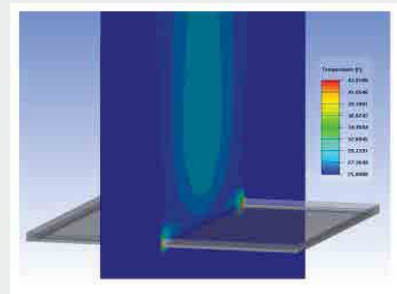
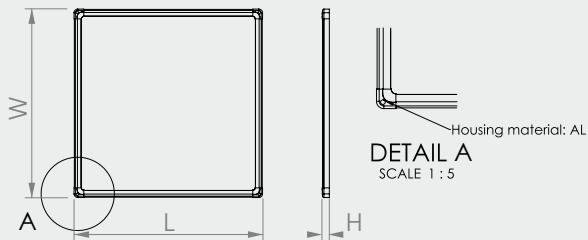
Not Chemicals



3 - STEP DIMMING LED PANEL LIGHT



SIZE (mm)



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
D PN 320x320/15W	150÷250	50/60	15	0.9	1200	80	5700	80	25000	320x320
D PN 320x640/25W	150÷250	50/60	25	0.9	2250	90	5700	80	25000	320x640
D PN 180x640/25W	150÷250	50/60	25	0.9	2250	90	5700	80	25000	180x640
D PN 180x950/30W	150÷250	50/60	30	0.9	2700	90	5700	80	25000	180x950
D PN 320x750/30W	150÷250	50/60	30	0.9	2700	90	5700	80	25000	320x750
D PN 180x1280/40W	150÷250	50/60	40	0.9	3600	90	5700	80	25000	180x1280
D PN 520x520/40W	150÷250	50/60	40	0.9	4400	110	5700	80	25000	520x520
D PN 640x640/50W	150÷250	50/60	50	0.9	5500	110	5700	80	25000	640x640
D PN 320x1280/50W	150÷250	50/60	50	0.9	5500	110	5700	80	25000	320x1280

KC: Korean Certification



Environmentally Friendly and Safe



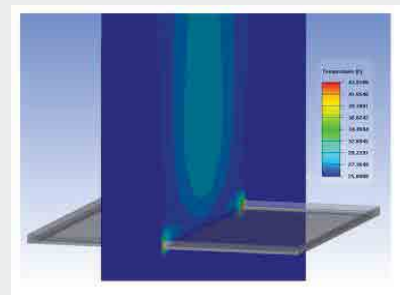
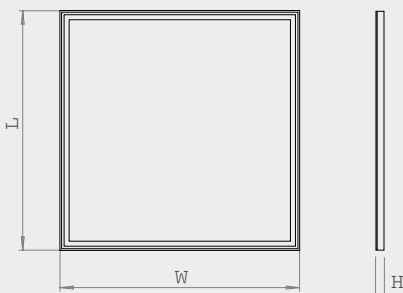
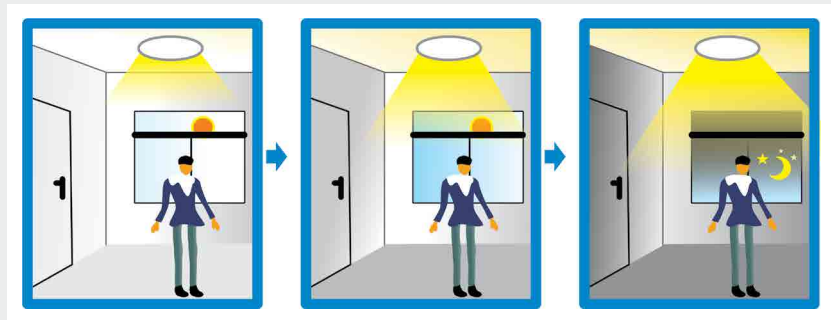
Not Chemicals



T - BAR LED PANEL LIGHT



AMBIEN LIGHT SENSOR



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
D PN 320x640/25W	150+250	50/60	25	0.9	2250	90	5700	80	25000	320x640
D PN 180x640/25W	150+250	50/60	25	0.9	2250	90	5700	80	25000	180x640
D PN 180x1280/40W	150+250	50/60	40	0.9	3600	110	5700	80	25000	180x1280
D PN 520x520/40W	150+250	50/60	40	0.9	4400	110	5700	80	25000	520x520
D PN 640x640/50W	150+250	50/60	50	0.9	5500	110	5700	80	25000	640x640
D PN 320x1280/50W	150+250	50/60	50	0.9	5500	110	5700	80	25000	320x1280
D PN 302x1213/50W	150+250	50/60	50	0.9	5500	110	3000+5700	80	25000	302x1213
D PN 603x603/50W	150+250	50/60	50	0.9	5500	110	3000+5700	80	25000	603x603
D PN 603x1213/50W	150+250	50/60	50	0.9	5500	110	3000+5700	80	25000	603x1213

KC: Korean Certification



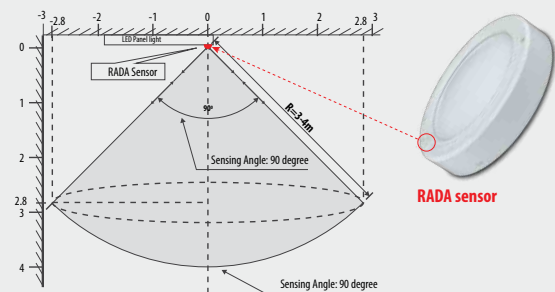


SMART CEILING LIGHT

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 LED package with long lifetime and excellent luminous efficacy
- Mica light diffuse surface helps spread light evenly, high light transmission
- 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°
4. Sensing duration: 30s

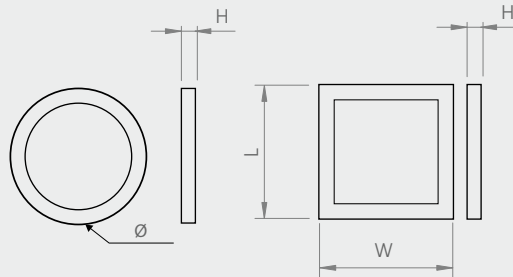
SMART CEILING LIGHT ON-OFF SENSOR



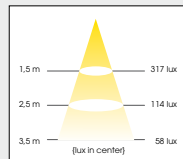
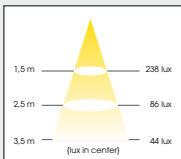
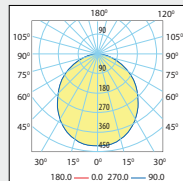
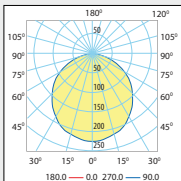
D LN08L 23x23/18W.RAD



D LN08L 30x30/24W.RAD



LIGHT DISTRIBUTION DATA

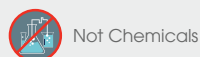


D LN08L 23x23/18W.RAD

D LN08L 30x30/24W.RAD

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Sensor	Dimension (LxWxH)
D LN08L 23x23/18W.RAD	150÷250	50/60	18	0.5	1100	61	6500/5000/3000	80	15 000	RADA	215x215x29
D LN08L 30x30/24W.RAD	150÷250	50/60	24	0.5	1800	75	6500/5000/3000	80	15000	RADA	300x300x29



SMART CEILING LIGHT ON-OFF SENSOR



D LN09L 230/18W RAD



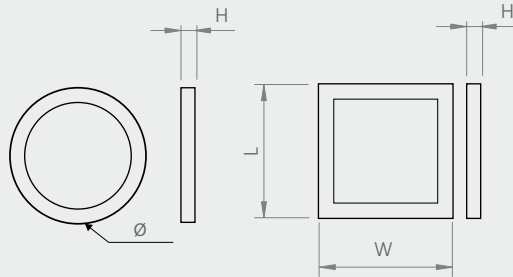
D LN09L 300/24W RAD



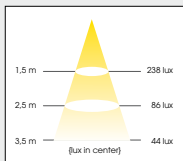
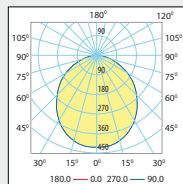
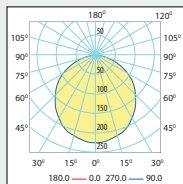
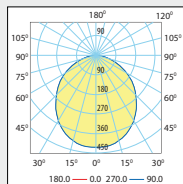
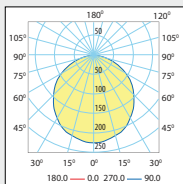
D LN10L 22x22/18W.PIR



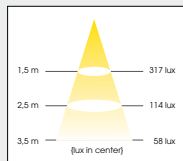
D LN11L 220/18W.PIR



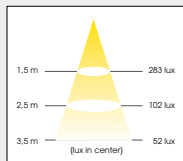
LIGHT DISTRIBUTION DATA



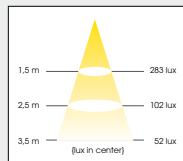
D LN09L
230/18W.RAD



D LN09L
300/24W.RAD



D LN10L
22x22/18W.PIR



D LN11L
220/18W.PIR

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Sensor	Dimension (LxWxH)
D LN09L 230/18W.RAD	150÷250	50/60	18	0.5	1100	61	6500/5000/3000	80	15 000	RADA	215x29
D LN09L 300/24W.RAD	150÷250	50/60	24	0.5	1800	75	6500/5000/3000	80	15000	RADA	300x29
D LN10L 22x22/18W.PIR	150÷250	50/60	18	0.5	1500	83	6500/5000/3000	80	15 000	PIR	220x220x18
D LN11L 220/18W.PIR	150÷250	50/60	18	0.5	1500	83	6500/5000/3000	80	15000	PIR	220x18



Environmentally
Friendly and Safe



Not Chemicals



SMART CEILING LIGHT COLORS TUNABLE



D LN12L DM 22x22/18W



D LN12L DM 220/18W

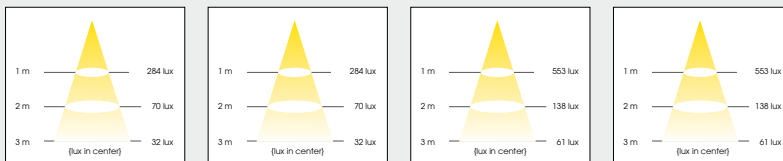
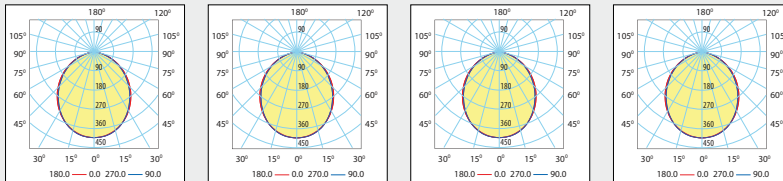


D LN24L DM 247x247/24W



D LN24L DM 247/24W

LIGHT DISTRIBUTION DATA

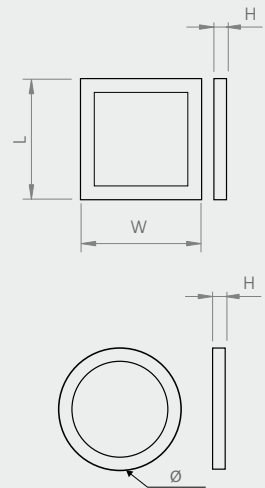


D LN12L DM
22x22/18W

D LN12L DM
220/18W

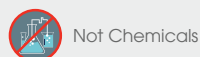
D LN24L DM
247x247/24W

D LN24L DM
247/24W



SPECIFICATIONS

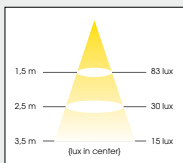
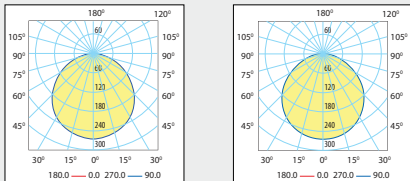
Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH)
D LN12L DM 22x22/18W	150÷250	50/60	18	0.5	1400/1260	78/70	6500/4000/3000	80	25000	220x220x36
D LN12L DM 220/18W	150÷250	50/60	18	0.5	1400/1260	78/70	6500/4000/3000	80	25000	220x36
D LN24L DM 247x247/24W	150÷250	50/60	24	0.5	1800/1300	75/55	6500/4000/3000	80	25000	247x247x39
D LN24L DM 247/24W	150÷250	50/60	24	0.5	1800/1300	75/55	6500/4000/3000	80	25000	247x39



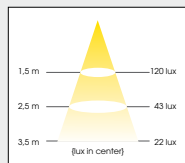
SMART DOWNLIGHT ON-OFF SENSOR



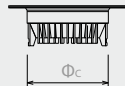
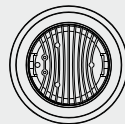
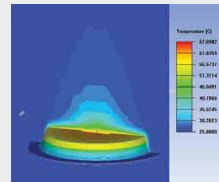
LIGHT DISTRIBUTION DATA



D AT04L 90/7W.PIR



D AT04L 110/9W.PIR



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Beam angle	Mounting diameter(Φc) (mm)	Sensor
D AT04L 90/7W.PIR	150÷250	50/60	7	0.5	480	71	6500/5000/3000	80	20000	105	90	PIR
D AT04L 110/9W.PIR	150÷250	50/60	9	0.5	650	72	6500/5000/3000	80	20000	105	115	PIR



Environmentally Friendly and Safe



Not Chemicals



SMART DOWNLIGHT COLORS TUNABLE



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

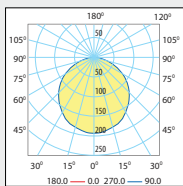


D AT16L DM 90/110
7W/9W

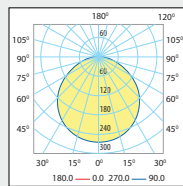


D AT17L DM 90/100/110
7W/9W/12W

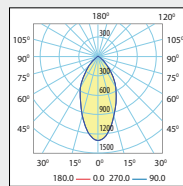
LIGHT DISTRIBUTION DATA



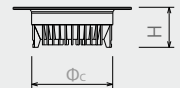
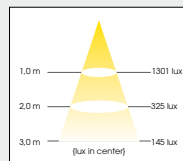
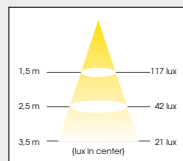
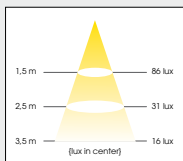
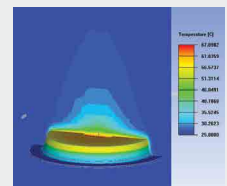
D AT10L DM 90/7W



D AT16L DM 110/9W



D AT17L DM 110/12W



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Beam angle	Mounting diameter (Φc) (mm)	Dimension (ΦxH) (mm)
D AT10L DM 90/7W	150÷250	50/60	7	0.5	510/550/470	73/78/67	6500/4000/3000	80	25000	110	90	118x33
D AT10L DM 110/9W	150÷250	50/60	9	0.5	680/750/640	75/83/71	6500/4000/3000	80	25000	110	110	138x36
D AT10L DM 110/12W	150÷250	50/60	12	0.5	930/1020/880	77/85/73	6500/4000/3000	80	20000	110	110	138x36
D AT16L DM 90/7W	150÷250	50/60	7	0.5	600/560	85/80	6500/4000/3000	85	30000	105	90	108x40
D AT16L DM 110/9W	150÷250	50/60	9	0.5	770/720	85/80	6500/4000/3000	85	30000	105	110	129x40
D AT17L DM 90/7W	150÷250	50/60	7	0.5	580/630/560	80/90/82	6500/4000/3000	80	20000	110	90	96x60
D AT17L DM 100/9W	150÷250	50/60	9	0.5	800/860/770	88/95/85	6500/4000/3000	80	20000	110	100	113x65
D AT17L DM 110/12W	150÷250	50/60	12	0.5	1050/1140/1020	87/95/85	6500/4000/3000	80	20000	110	110	138x75



Environmentally
Friendly and Safe



No Chemicals



SMART PANEL LIGHT COLORS TUNABLE

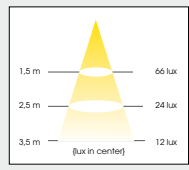
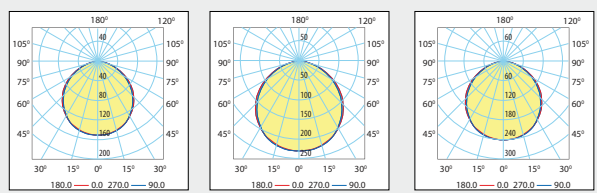


D PT04L DM 7W/9W

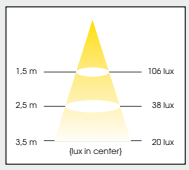


D PT05L DM 7W/9W/12W

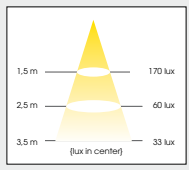
LIGHT DISTRIBUTION DATA



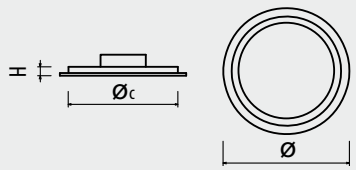
D PT DM 7W



D PT DM 9W



D PT DM 12W



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Mounting diameter (Φc) (mm)	Dimension (ΦxH) (mm)
D PT04L DM 90/7W	150÷250	50/60	7	0.5	520/570/470	74/81/67	6500/4000/3000	80	20000	90	115x26
D PT04L DM 110/7W	150÷250	50/60	7	0.5	520/570/470	74/81/67	6500/4000/3000	80	20000	110	134x26
D PT04L DM 110/9W	150÷250	50/60	9	0.5	600/680/580	66/75/64	6500/4000/3000	80	20000	110	134x26
D PT04L DM 135/9W	150÷250	50/60	9	0.5	640/680/600	71/75/66	6500/4000/3000	80	20000	135	158x26
D PT05L DM 90/7W	150÷250	50/60	7	0.5	520/570/470	74/81/67	6500/4000/3000	80	20000	90	115x26
D PT05L DM 110/9W	150÷250	50/60	9	0.5	600/680/580	66/75/64	6500/4000/3000	80	20000	110	134x26
D PT05L DM 135/9W	150÷250	50/60	9	0.5	640/680/600	71/75/66	6500/4000/3000	80	20000	135	158x26
D PT05L DM 135/12W	150÷250	50/60	12	0.5	800/850/750	60/71/62	6500/4000/3000	80	20000	135	158x26



Environmentally Friendly and Safe



Not Chemicals



SMART BULB



A60/7W.RAD



A60/9W.RAD



TR70/15W.RAD



A60 DM/7W



A60 DM/9W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Feature	Dimension (ΦxH) (mm)
A60/7W.RAD	150÷250	50/60	7	0.5	630	90	6500/5000/3000	83	20000	RADA	60x111
A60/9W.RAD	150÷250	50/60	9	0.5	810	90	6500/5000/3000	83	20000	RADA	60x111
TR70/15W.RAD	150÷250	50/60	15	0.5	1350	90	6500/5000/3000	83	20000	RADA	70x130
A60 DM/7W	150÷250	50/60	7	0.5	750	110	6500/4000/3000	83	20000	Changing color	60x111
A60 DM/9W	150÷250	50/60	9	0.5	900	100	6500/4000/3000	83	20000	Changing color	60x111

SMART TUBE



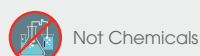
TUBE T8 120/18W.RAD



TUBE T8 DM 120/18W

SPECIFICATIONS

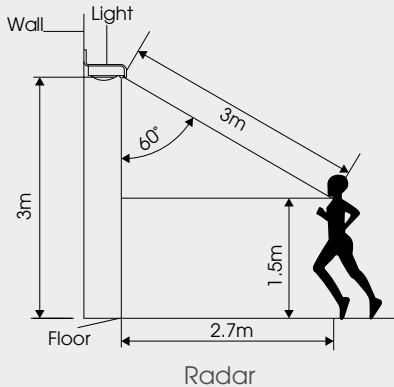
Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Feature
TUBE T8 120/18W.RAD	150÷250	50/60	18	0.5	2000/1800	110/100	6500/4000/3000	80	25 000	RADA
TUBE T8 DM 120/18W	150÷250	50/60	18	0.5	2000/1800	110/100	6500/4000/3000	80	25000	Changing color



SMART LUMINAIRE M26

Sensor Activated

Two Modes: ON & OFF

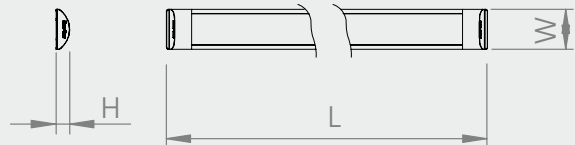
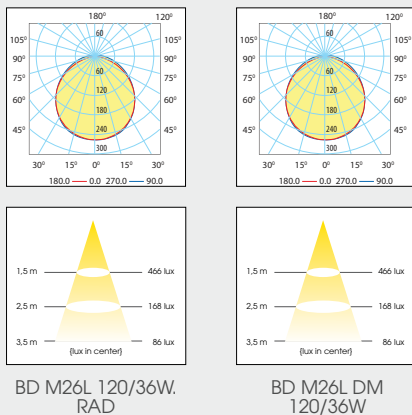


- ✓ Bright light when motion sensor activated
- ✓ Dim light when motion sensor deactivated

Colors changeable



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Feature	Dimension (LxWxH) (mm)
BD M26L 120/36W/RAD	150÷250	50/60	36	0.5	3100/2900	86/80	6500/4000/3000	80	25000	RADA	1200x75x25
BD M26L DM 120/36W	150÷250	50/60	36	0.5	3100/2900	86/80	6500/4000/3000	80	25000	Changing color	1200x75x25



Environmentally Friendly and Safe



Not Chemicals



SMART LUMINAIRE M15 RADA - DIMMING 30% POWER

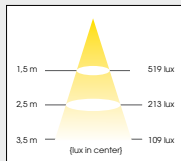
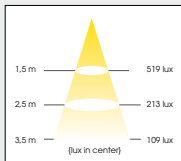
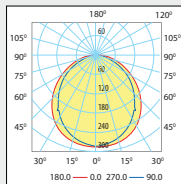
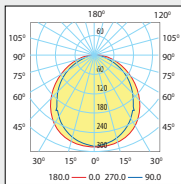


BD M15L DM
60x60/36W



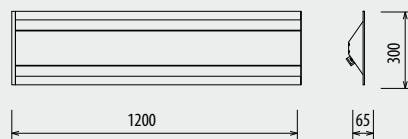
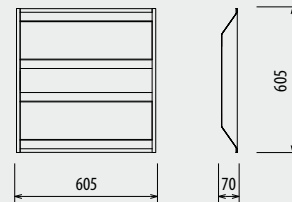
BD M15L DM
30x120/36W

LIGHT DISTRIBUTION DATA



BD M15L DM
60x60/36W

BD M15L DM
30x120/36W



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)
BD M15L DM 60x60/36W	150±250	50/60	36	0.9	2700/2600	75/72	6500/4000/3000	80	15000
BD M15L DM 30x120/36W	150±250	50/60	36	0.9	2700/2600	75/72	6500/4000/3000	80	15000



Environmentally
Friendly and Safe



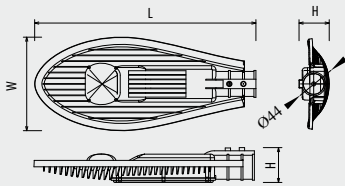
Not Chemicals



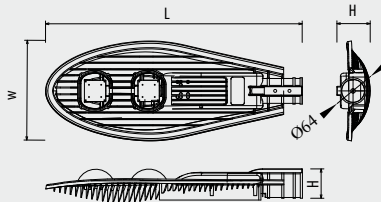
SMART STREETLIGHT DIMMING 2÷5 POWER LEVELS



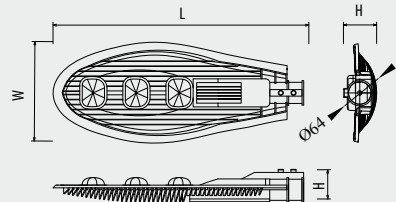
D CSD02L
30W/40W/60W/70W



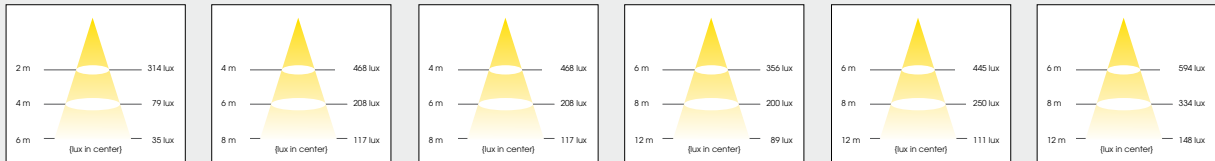
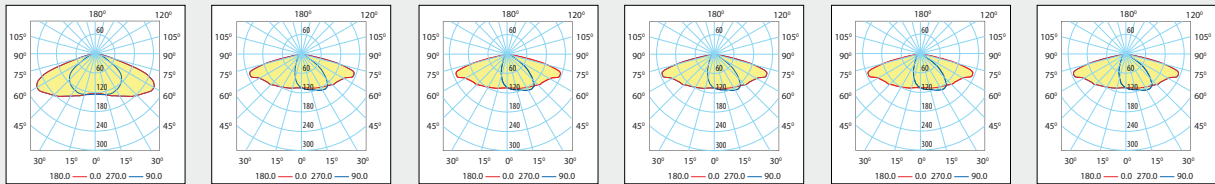
D CSD02L 120W/150W



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	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)	IP	Surge
D CSD02L/30W	150÷270	50/60	30	0.9	3300	110	5000	80	30000	340x145x60	66	10kV/option
D CSD02L/40W	150÷270	50/60	40	0.9	4400	110	5000	80	50000	500x210x52	66	10kV/option
D CSD02L/60W	150÷270	50/60	60	0.9	6900	115	5000	80	50000	620x260x100	66	10kV/option
D CSD02L/70W	150÷270	50/60	70	0.95	8050	115	5000	80	50000	620x260x100	66	10kV/option
D CSD02L/120W	150÷270	50/60	120	0.95	14400	120	5000	80	50000	725x285x100	66	10kV/option
D CSD02L/150W	150÷270	50/60	150	0.95	18000	120	5000	80	50000	725x285x100	66	10kV/option
D CSD02L/200W	100÷277	50/60	200	0.95	24000	120	5000	80	50000	880x340x100	66	10kV/option



Environmentally
Friendly and Safe



Not Chemicals



SMART STREETLIGHT DIMMING 3÷5 POWER LEVELS



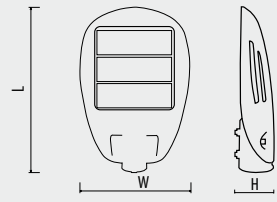
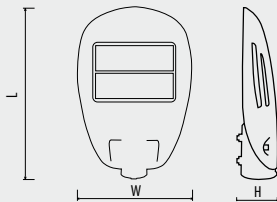
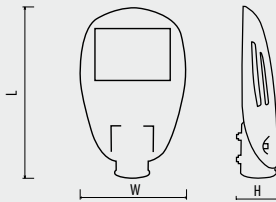
D CSD03L/30W



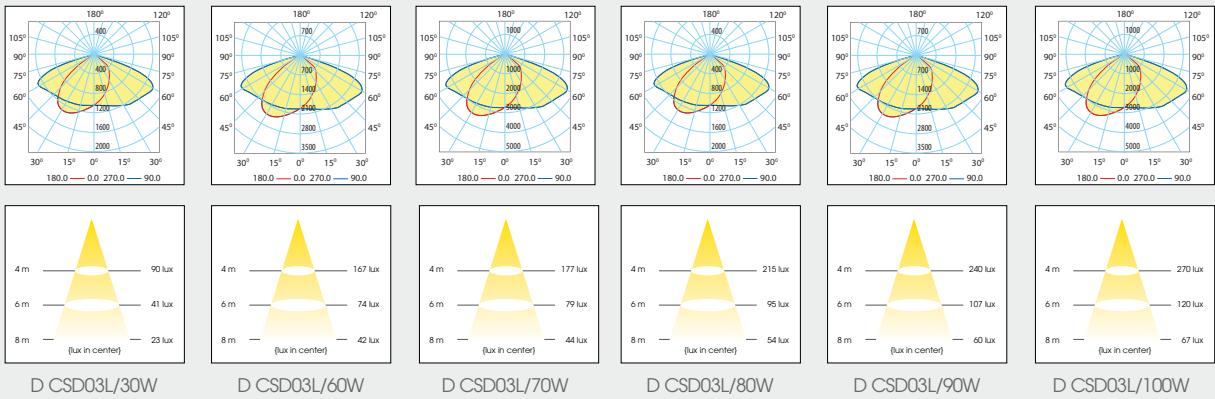
D CSD03L 60W/70W



D CSD03L 80W/90W/100W



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)	IP	Surge
D CSD03L/30W	90÷305	50/60	30	0.9	3600	120	4000/5000	70	35000	284x175x62	65	10kV/option
D CSD03L/60W	90÷305	50/60	60	0.9	7200	120	4000/5000	70	50000	450x295x85	65	10kV/option
D CSD03L/70W	90÷305	50/60	70	0.9	9100	130	4000/5000	70	50000	450x295x85	65	10kV/option
D CSD03L/80W	90÷305	50/60	80	0.9	10000	125	4000/5000	70	50000	450x295x85	65	10kV/option
D CSD03L/90W	90÷305	50/60	90	0.9	10800	120	4000/5000	70	50000	450x295x85	65	10kV/option
D CSD03L/100W	90÷305	50/60	100	0.9	12000	120	4000/5000	70	50000	450x295x85	65	10kV/option



Environmentally Friendly and Safe



Not Chemicals



SMART STREETLIGHT DIMMING 5 POWER LEVELS



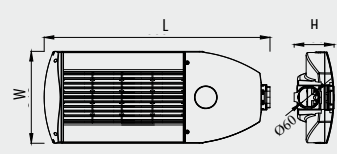
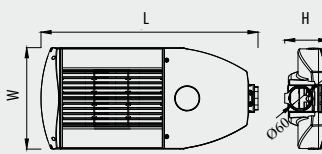
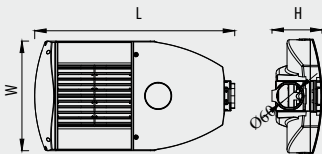
D CSD04L/80W



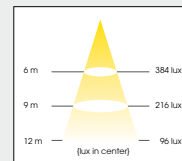
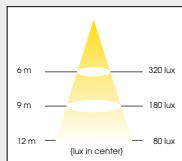
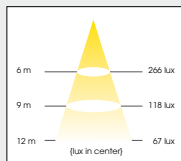
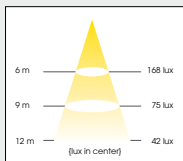
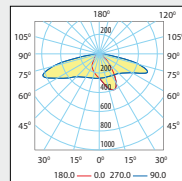
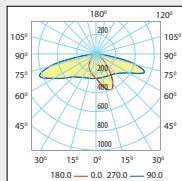
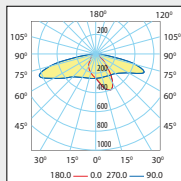
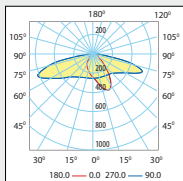
D CSD04L 120W/150W



D CSD04L/180W



LIGHT DISTRIBUTION DATA



D CSD04L/80W

D CSD04L/120W

D CSD04L/150W

D CSD04L/180W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)	IP	Surge
D CSD04L/80W	100~277	50/60	80	0.95	10400	130	4000/5000	70	50000	504x316x136	66	10kV/option
D CSD04L/120W	100~277	50/60	120	0.95	15600	130	4000/5000	70	50000	577x316x136	66	10kV/option
D CSD04L/150W	100~277	50/60	150	0.95	18750	125	4000/5000	70	50000	577x316x136	66	10kV/option
D CSD04L/180W	100~277	50/60	180	0.95	22500	125	4000/5000	70	50000	605x316x136	66	10kV/option



Environmentally
Friendly and Safe



Not Chemicals



LED LIGHT



LED BULB

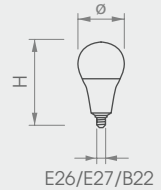
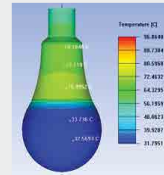
FEATURES

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

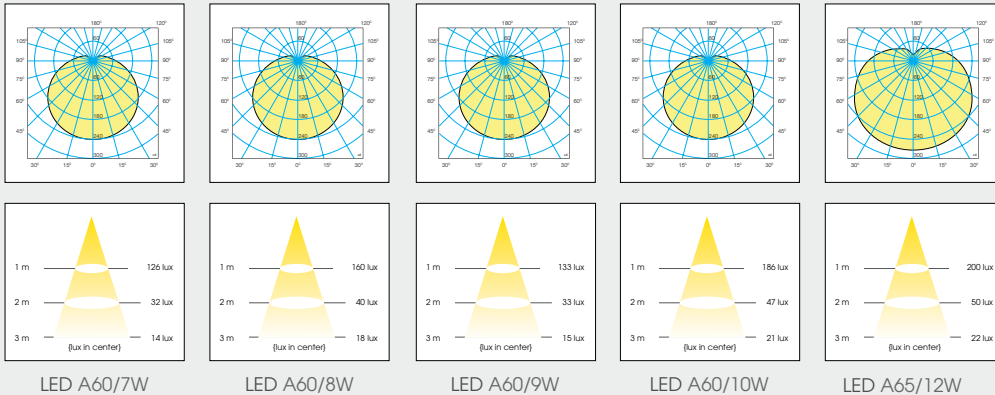
APPLICATIONS

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

LED BULB



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Base cap	Material	Dimension (ΦxH) (mm)	Certification
A60/7W	220/110	50/60	7	0.5	630/560	90/80	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	60x111	CE
A60/8W	220	50/60	8	0.5	800	100	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	60x111	KC
A60/9W	220/110	50/60	9	0.5	810/720	90/80	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	60x111	CE
	100-300	50/60	9	0.9	900	100	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	60x111	
A60/10W	220	50/60	10	0.5	1000	100	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	60x111	KC
A65/12W	220/110	50/60	12	0.5	1200/1080	100/90	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	65x126	KC

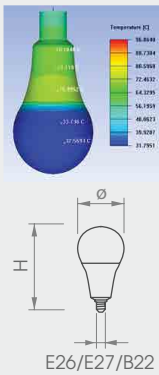
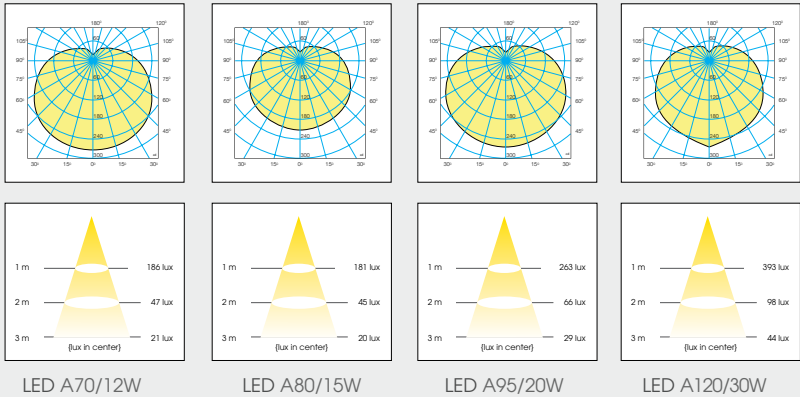
CE: European Conformity (Conformité Européenne)
 KC: Korean Certification



LED BULB



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Base cap	Material	Dimension (ΦxH) (mm)	Certification
A70/12W	220/110	50/60	12	0.5	1200/1080	100/90	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	70x138	CE
A80/15W	220/110	50/60	15	0.5	1500/1350	100/90	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	80x155	CE
A95/20W	220/110	50/60	20	0.5	2000/1900	100/95	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	95x187	KC
A120/30W	220/110	50/60	30	0.5	3000/2700	100/90	6500/4000/3000	83	20000	E26/E27/B22	AL+PC	120x220	KC

CE: European Conformity (Conformité Européene)
 KC: Korean Certification



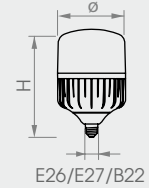
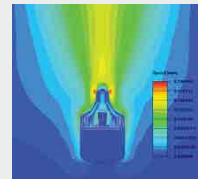
Environmentally
 Friendly and Safe



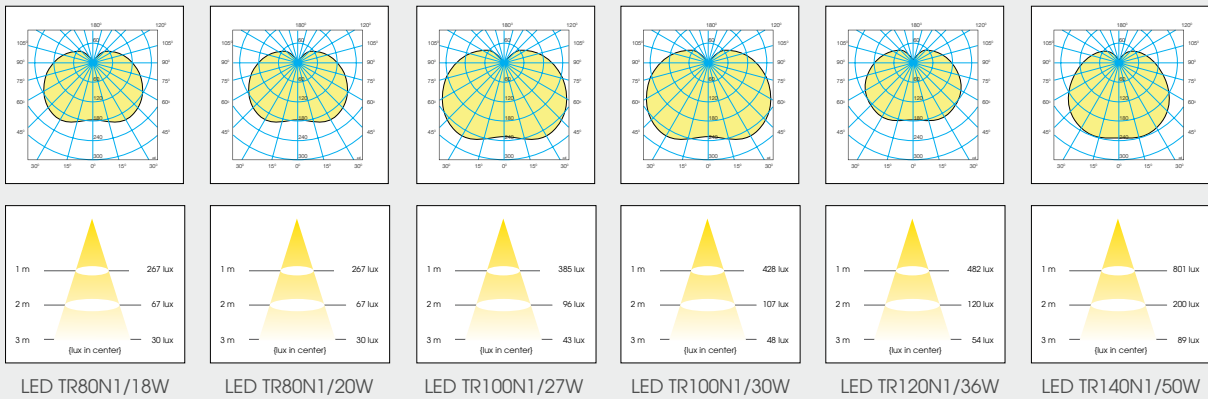
Not Chemicals



LED T-BULB PC-AL



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Base cap	Dimension (ΦxH)	Certification (mm)
LED TR80N1/18W	220/110	50/60	18	0.9	1800	100	6500/3000	83	20000	E26/E27/B22	80x145	KC
LED TR80N1/20W	220/110	50/60	20	0.5	2000/1860	100/93	6500/4000/3000	83	20000	E26/E27/B22	81x143	
LED TR100N1/27W	220/110	50/60	27	0.9	2700	100	6500/3000	83	20000	E26/E27/B22	100x185	KC
LED TR100N1/30W	220/110	50/60	30	0.5	3000/2760	100/92	6500/4000/3000	83	20000	E26/E27/B22	100x185	
LED TR120N1/36W	220/110	50/60	36	0.9	3600	100	6500/3000	83	20000	E26/E27/B22	120x208	KC
LED TR120N1/40W	220/110	50/60	40	0.5	3800/3400	95/85	6500/4000/3000	83	20000	E26/E27/B22	120x208	
LED TR140N1/50W	220/110	50/60	50	0.5	4700/4250	95/85	6500/4000/3000	83	20000	E26/E27/B22	140x225	
	220/110	50/60	50	0.9	5000	100	6500/3000	83	20000	E26/E27/B22	140x225	KC

KC: Korean Certification



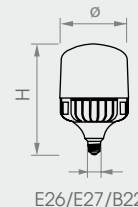
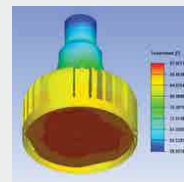
LED T-BULB DIE - CASTING



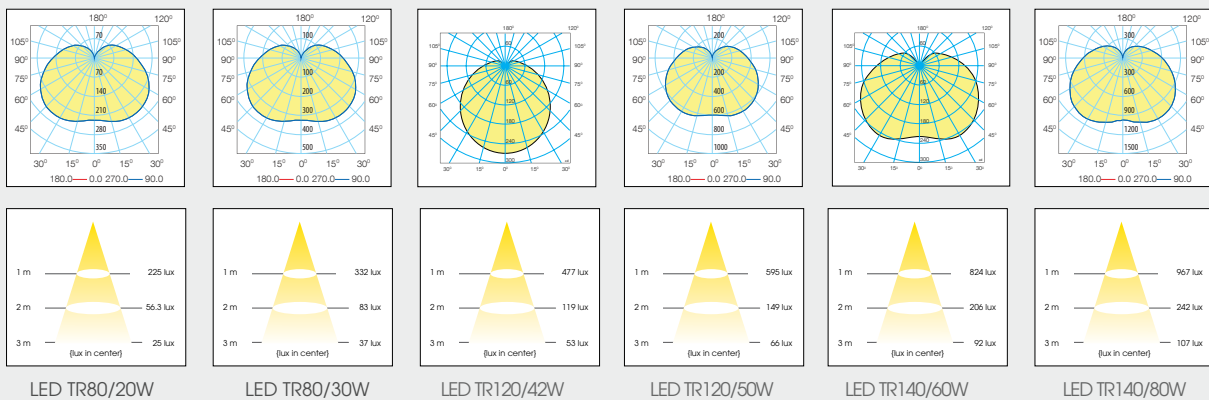
LED TR 20W/30W



LED TR 40W/42W/50W



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Base cap	Material	Dimension (ΦxH) (mm)	Certification
LED TR80/20W	150÷250	50/60	20	0.5	2000/1860	100/93	6500/4000/3000	83	25000	E27/B22	AL	80x146	
LED TR80/30W	150÷250	50/60	30	0.5	3000/2760	100/92	6500/4000/3000	83	25000	E27/B22	AL	100x175	
LED TR100/40W	150÷250	50/60	40	0.5	3800/3500	95/90	6500/4000/3000	83	25000	E27/B22	AL	100x185	
LED TR120/42W	150÷250	50/60	42	0.9	4200	100	6500/3000	83	25000	E26/E39	AL	120x206	
LED TR120/50W	150÷250	50/60	50	0.5	4800/4350	96/90	6500/4000/3000	83	25000	E27/B22	AL	120x210	
LED TR140/60W	150÷250	50/60	60	0.5	6000/5500	100/92	6500/4000/3000	83	25000	E27/B22	AL	140x231	
	150÷250	50/60	60	0.5	6000	100	6500/3000	83	25000	E26/E39	AL	140x231	
LED TR140/80W	150÷250	50/60	80	0.5	8000/7400	100/92	6500/4000/3000	83	25000	E27/B22	AL	140x250	

KC: Korean Certification



Environmentally
Friendly and Safe



Not Chemicals



LED FILAMENT BULB

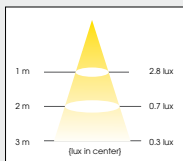
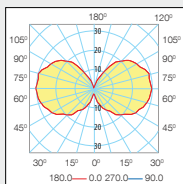


LED DT C35/2.5W

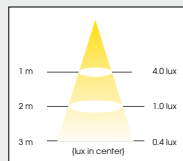
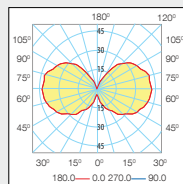


LED DTA60/4W/7W

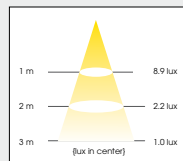
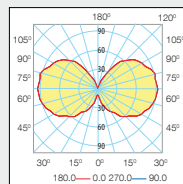
LIGHT DISTRIBUTION DATA



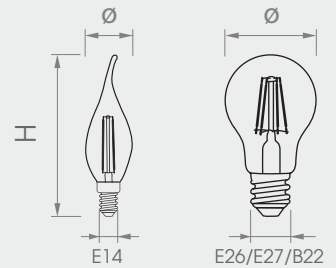
DT N/2.5W



DT A60/4W

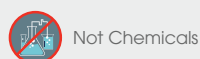


DT A60/7W



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Base cap	Dimension (ΦxH) (mm)
DT C35/2.5W	170÷250	50/60	2.5	0.5	280	100	6500/3000	80	20000	E14	35x122
DT A60/4W	170÷250	50/60	4	0.5	400	100	6500/3000	80	15000	E26/E27/B22	60x108
DT A60/7W	170÷250	50/60	7	0.5	880	125	6500/3000	80	15000	E26/E27/B22	60x108





LED TUBE

- LED Tube (Full glass): no bending, non-flammable, high transmittance, single-ended power with external driver.
- LED Tube (Aluminum + PC): no bending, good heat dissipation, double-ended power with external driver.

FEATURES

- Replacement of conventional fluorescent lamp
- 53% energy savings compared to fluorescent tubes
- Optimal heat dissipation
- Eco-friendly: No mercury, less CO2 emissions, no UV/IR
- Lifetime: 25000÷50000 hours

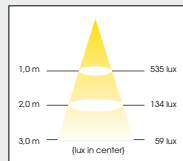
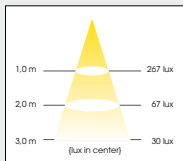
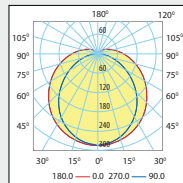
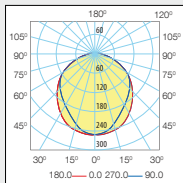
APPLICATIONS

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

PC - AL TUBE



LIGHT DISTRIBUTION DATA

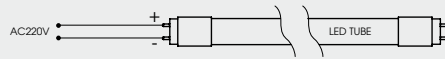


LED TUBE T8 60/9W

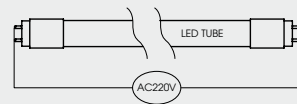
LED TUBE T8 120/18W



Single ended wiring diagram

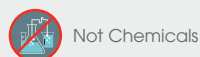


Double ended wiring diagram



SPECIFICATIONS

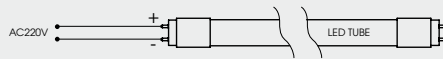
Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Material	Base cap	Dimension (ΦxL) (mm)
LED TUBE T8 60/10W	170÷250	50/60	10	0.5	1100/1000	110/100	6500/4000/3000	82	25000	AL+PC	G13	28x603
	90÷277	50/60	10	0.9	1100/1000	110/100	6500/4000/3000	82	50000	AL+PC	G13	28x603
LED TUBE T8 120/18W	170÷250	50/60	18	0.5	2000/1800	110/100	6500/4000/3000	82	25000	AL+PC	G13	28x1213
	90÷277	50/60	18	0.9	2000/1800	110/100	6500/4000/3000	82	50000	AL+PC	G13	28x1213



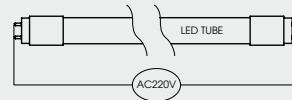
FULL PLASTIC TUBE



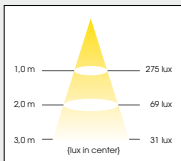
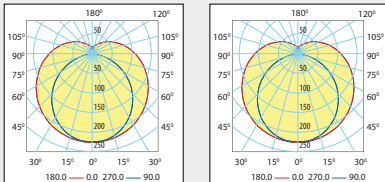
Single ended wiring diagram



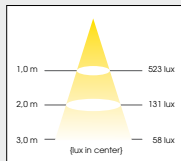
Double ended wiring diagram



LIGHT DISTRIBUTION DATA



TUBE T8 N01 60/5.5W



TUBE T8 N01 120/11W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Base cap	Dimension (ΦxL) (mm)
TUBE T8 N01 60/5.5W	100±250	50/60	5.5	0.9	1000	170	5000	82	40000	G13	26x603
TUBE T8 N01 120/11W	100±250	50/60	11	0.9	1900	170	5000	82	40000	G13	26x1213



Environmentally Friendly and Safe



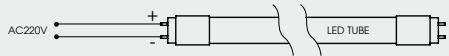
Not Chemicals



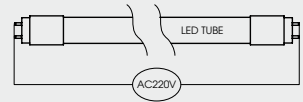
GLASS TUBE



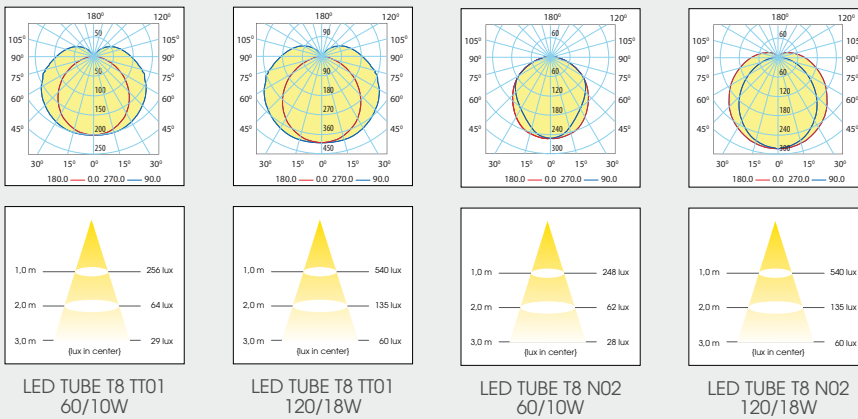
Single ended wiring diagram



Double ended wiring diagram



LIGHT DISTRIBUTION DATA



GLASS TUBE

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Base cap	Dimension (ΦxL) (mm)	Certification
LED TUBE T8 TT01 60/10W	220/110	50/60	10	0.5	1100/1000	110/100	6500/3000	82	20000	G13	26x603	
	220	50/60	10	0.9	950	95	6500/3000	82	25000	G13	26x603	CE
LED TUBE T8 TT01 120/18W	220/110	50/60	18	0.5	2160/2000	120/110	6500/3000	82	20000	G13	26x1213	
	220	50/60	18	0.9	2000	110	6500/3000	82	25000	G13	26x1213	CE

GLASS TUBE WITH PLASTIC COVER

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Base cap	Dimension (ΦxL) (mm)
TUBE T8 N02 60/10W	170÷250	50/60	10	0.5	1100/1000	110/100	6500/4000/3000	82	20000	G13	26x603
TUBE T8 N02 120/18W	170÷250	50/60	18	0.5	2000/1800	110/100	6500/4000/3000	82	20000	G13	26x1213

CE: European Conformity (Conformité Européene)





LED LUMINAIRE

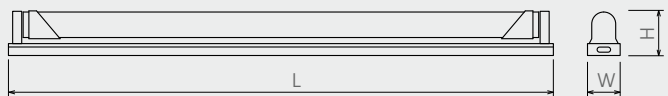
TUBE LUMINAIRE



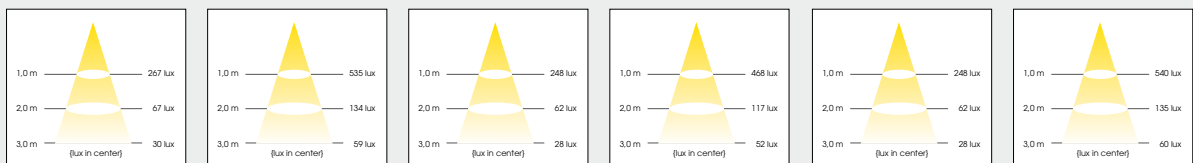
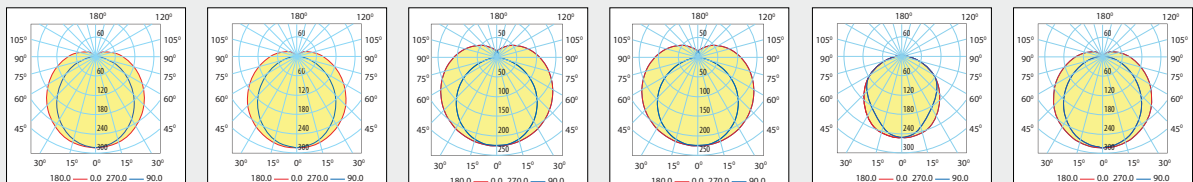
BD T8L M11/10W/18W



BD T8L N02 M11/10W/18W



LIGHT DISTRIBUTION DATA



BD T8L M11/10W

BD T8L M11/18W

BD T8L N01
M11/10W

BD T8L N01
M11/18W

BD N02 M11/10W

BD N02 M11/18W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
BD T8L M11/10W	220/110	50/60	10	0.5	1100/1000	110/100	6500/4000/3000	82	25000	628x48x68
BD T8L M11/18W	220/110	50/60	18	0.5	2000/1800	110/100	6500/4000/3000	82	25000	1238x48x68
BD N02 M11/10W	220/110	50/60	10	0.5	1100/1000	110/100	6500/4000/3000	82	20000	628x48x62
BD N02 M11/18W	220/110	50/60	18	0.5	2000/1800	110/100	6500/4000/3000	82	20000	1238x48x62



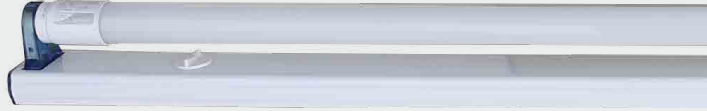
Environmentally
Friendly and Safe



Not Chemicals



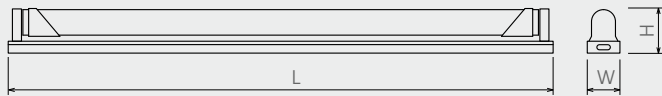
TUBE LUMINAIRE



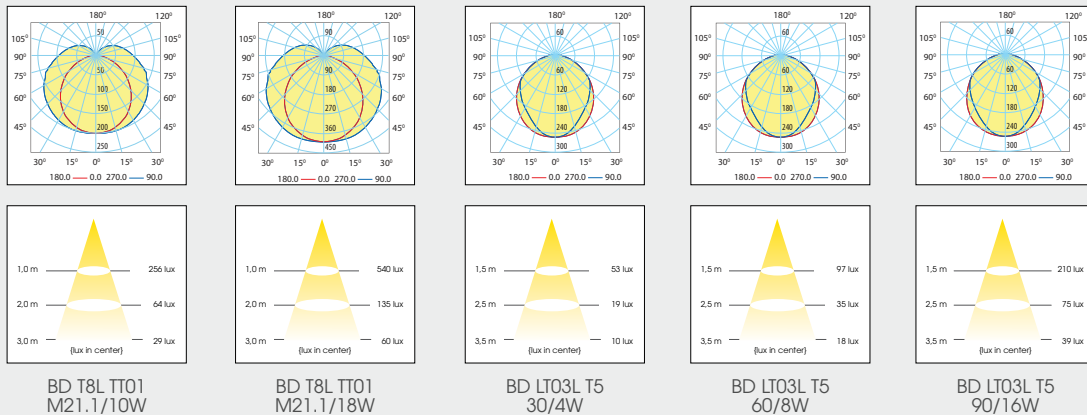
BD T8L TT01 M21.1/10W



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



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
BD T8L TT01 M21.1/10W	170÷250	50/60	10	0.5	1100/1000	110/100	6500/4000/3000	82	20000	614x34x49
BD T8L TT01 M21.1/18W	170÷250	50/60	18	0.5	2160/2000	120/110	6500/4000/3000	82	20000	1221x33x45
BD LT03L T5 30/4W	150÷250	50/60	4	0.5	350	87	6500/4000/3000	80	25000	300x22x35
BD LT03L T5 60/8W	150÷250	50/60	8	0.5	760	95	6500/4000/3000	80	25000	570x22x35
BD LT03L T5 120/16W	150÷250	50/60	16	0.5	1600	100	6500/4000/3000	80	25000	1180x22x35



Environmentally Friendly and Safe



Not Chemicals



WATER - PROOF LUMINAIRE CA

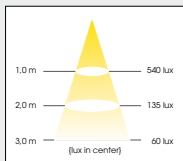
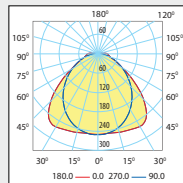
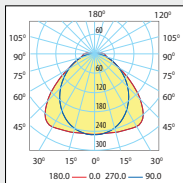


D LN CA01L/18Wx1

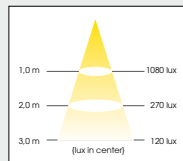


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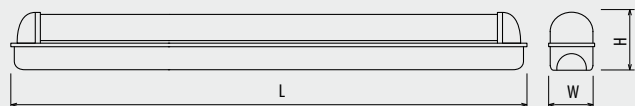
LIGHT DISTRIBUTION DATA



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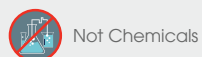


D LN CA01L/18Wx2

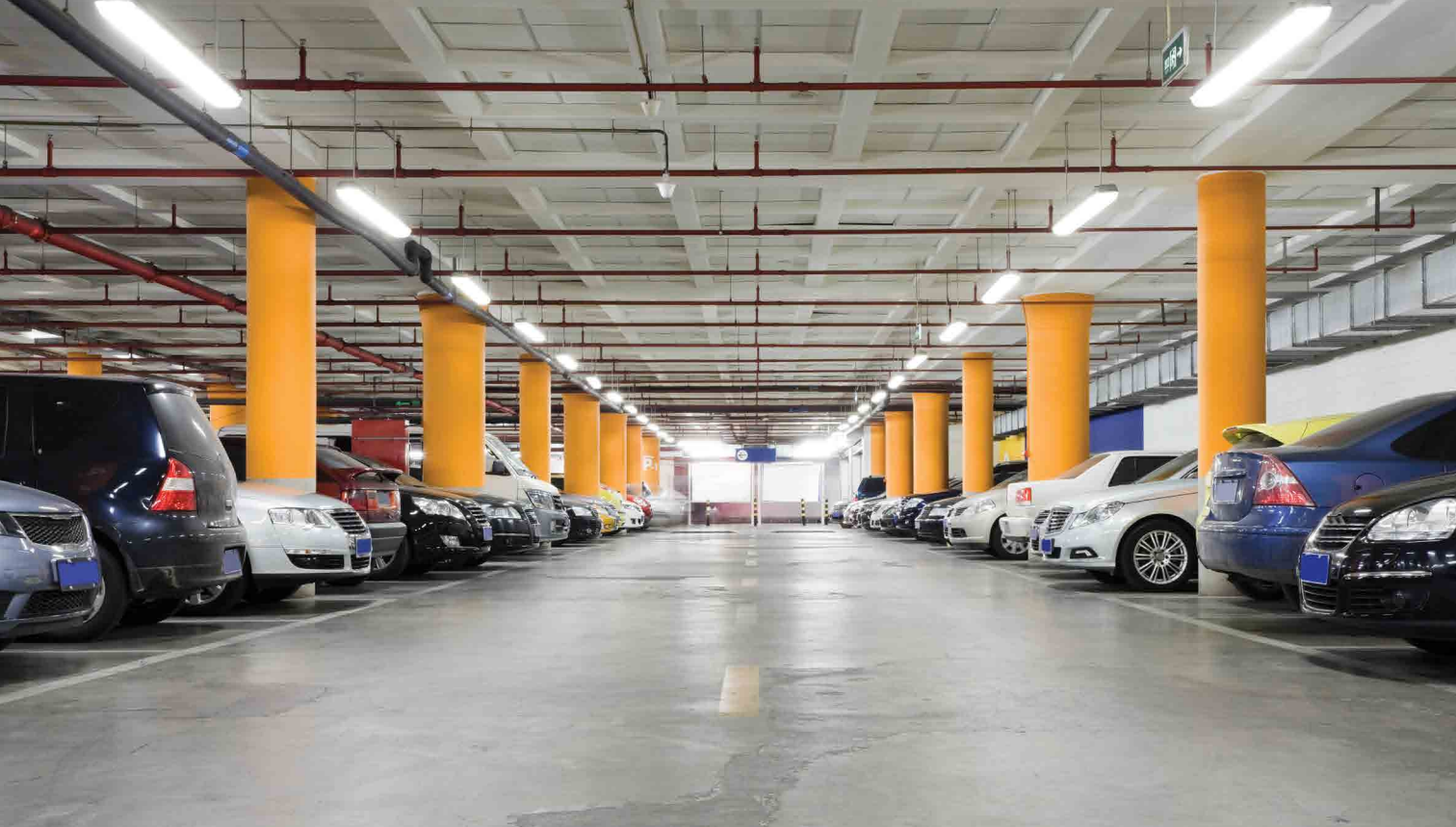


SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	IP	Life time (h)	Dimension (LxWxH) (mm)
D LN CA01L/18Wx1	150÷250	50/60	18	0.5	2000/1800	110/100	6500/4000/3000	82	IP65	25000	1260x80x93
D LN CA01L/18Wx2	150÷250	50/60	36	0.5	4000/3600	110/100	6500/4000/3000	82	IP65	25000	1260x120x93



PARKING LOT



LED LUMINAIRE M26

FEATURES

- Low power consumption saves 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.

LED LUMINAIRE M18

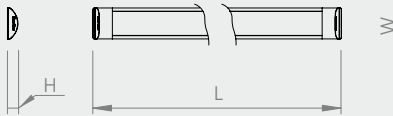
FEATURES

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

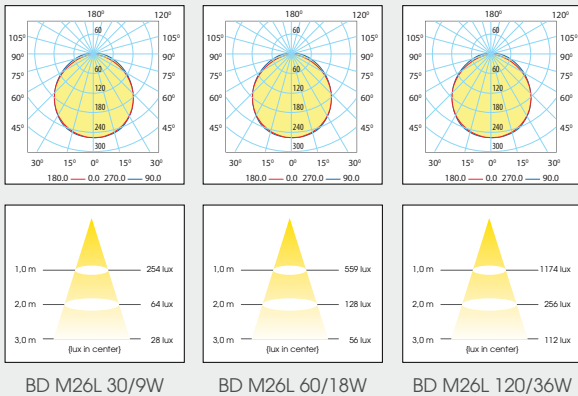
APPLICATIONS

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

LUMINAIRE M26



LIGHT DISTRIBUTION DATA



INSTALLATION

Tools needed:

- Screwdriver (x1)
- Hammer (x1)
- Drill (x1)
- Wrench (x1)
- Wire cutters (x1)
- Phillips screwdriver (x1)
- Wire nuts (x2)
- Anchor bolts (x2)
- Wall anchors (x2)

- Turn the power OFF at the switch.
- Mark the installation position (600-750mm).
- Drill holes for the wall anchors.
- Insert the wall anchors and hammer them in.
- Attach the luminaire to the wall anchors.
- Connect the luminaire to the power supply.
- Turn the power ON.

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)	Certification
BD M26L 30/9W	150÷250	50/60	9	0.5	750/700	83/78	6500/4000/3000	80	25000	300x75x25	
BD M26L 60/18W	150÷250	50/60	18	0.5	1600/1550	88/86	6500/4000/3000	80	25000	600x75x25	
BD M26L 120/36W	150÷250	50/60	36	0.5	3600	100	6500/4000/3000	80	25000	1200x75x25	
	150÷250	50/60	36	0.9	3400	94	6500/4000/3000	80	25000	1200x75x25	KC

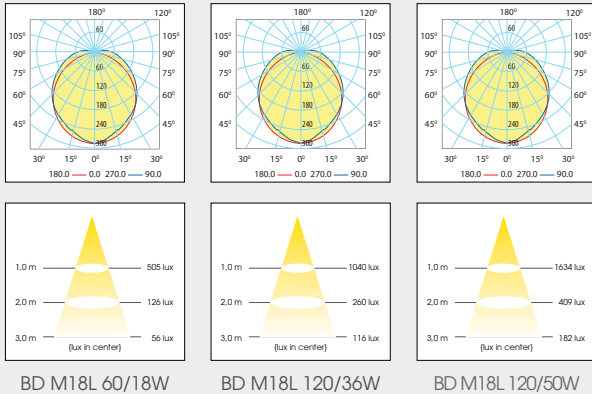
KC: Korean Certification





WATER - PROOF LUMINAIRE M18



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	IP	Life time (h)	Dimension (LxWxH) (mm)	Certification
BD M18L 60/18W	150÷250	50/60	18	0.5	1700/1600	94/88	6500/5000/3000	80	IP65	20000	630x80x78	
	150÷250	50/60	18	0.5	1710	95	6500/5000/3000	80	IP65	20000	630x80x78	
BD M18L 120/36W	150÷250	50/60	36	0.5	3500/3200	97/89	6500/5000/3000	80	IP65	20000	1220x80x78	
	150÷250	50/60	36	0.5	3420	95	6500/5000/3000	80	IP65	20000	1220x80x78	
BD M18L 120/50W	150÷250	50/60	50	0.5	5500/5200	100/104	6500/5000/3000	80	IP65	25000	1220x80x78	

KC: Korean Certification



Environmentally Friendly and Safe

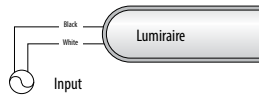


Not Chemicals



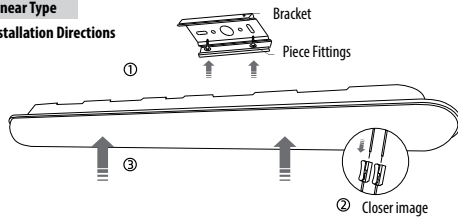
INSTALLATION

WIRING DIAGRAM

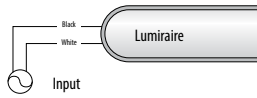


Linear Type

Installation Directions

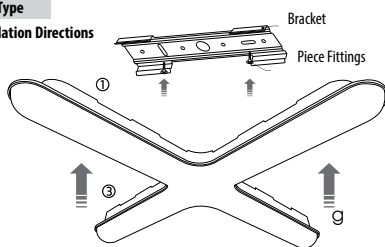


WIRING DIAGRAM

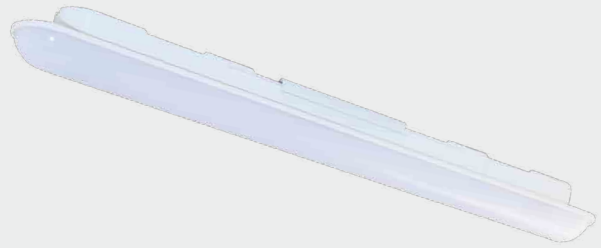


Cross Type

Installation Directions



LINEAR LIGHT



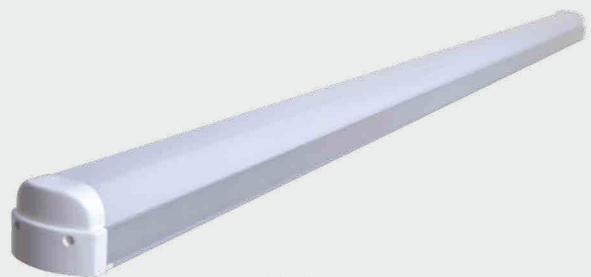
D I01L 6018W/25W/30W

CROSS LIGHT



D X01L 60x6045W/50W

PARKING LIGHT



D PAR 120/36W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	IP	Life time (h)	Dimension (LxWxH) (mm)	Certification
D I01L 60/18W	150÷250	50/60	18	0.5	1800/1700	100/95	6500/5000/3000	80		20000	600x60x55	
D I01L 60/25W	150÷250	50/60	25	0.5	2300/2070	92/83	6500/5000/3000	80		20000	600x60x55	
D I01L 60/30W	150÷250	50/60	30	0.5	2400	80	6500/5000/3000	80		20000	600x60x55	
D X01L 60x60/45W	150÷250	50/60	45	0.5	4200	93	6500/5000/3000	80		20000	600x600x50	
D X01L 60x60/50W	150÷250	50/60	50	0.5	4250	85	6500/5000/3000	80		20000	600x600x50	
D PAR 120/36W	150÷250	50/60	36	0.95	3960	110	5700	82	IP65	25000	1200x60x45	

KC: Korean Certification



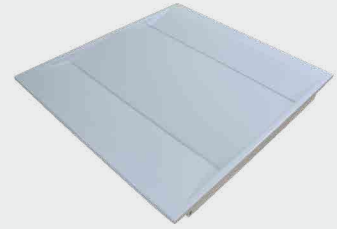
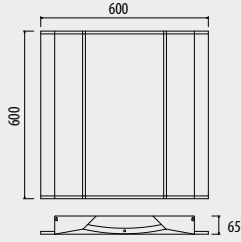
Environmentally Friendly and Safe



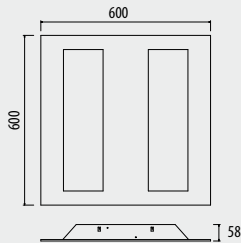
Not Chemicals



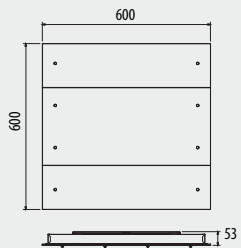
LUMINAIRE M22



M22L AT01 60x60/36W

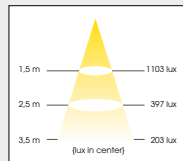
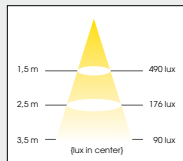
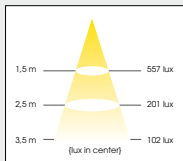
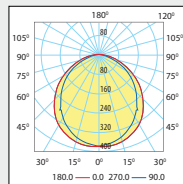
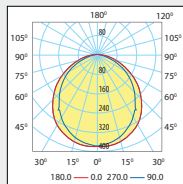
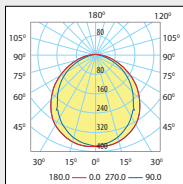


M22L AT02 60x60/36W



NT01L 60x60/72W

LIGHT DISTRIBUTION DATA



M22L AT01L
60x60/36W

M22L AT02
60x60/36W

NT01L 60x60/72W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
M22L AT01 60x60/36W	150÷250	50/60	36	0.9	3100/2950	86/82	6500/5000/ 3000	80	25000	600x600x65
M22L AT02 60x60/36W	150÷250	50/60	36	0.5	2900/2750	81/76	6500/5000/ 3000	80	25000	600x600x58
NT01L 60x60/72W	150÷250	50/60	72	0.9	5600/5300	75/71	6500/5000/ 3000	80	25000	600x600x53



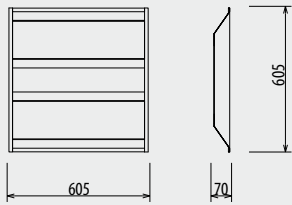
Environmentally
Friendly and Safe



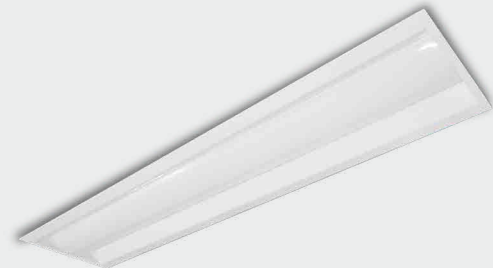
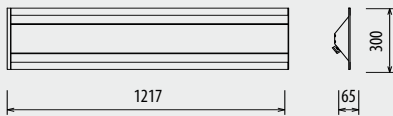
Not Chemicals



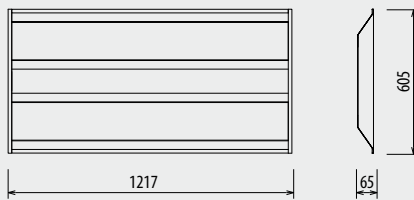
LUMINAIRE M15



BD M15L 60x60/36W

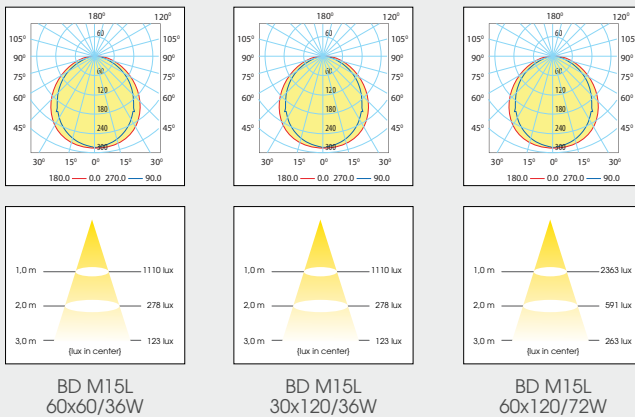


BD M15L 30x120/36W



BD M15L 60x120/72W

LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
BD M15L 60x60/36W	150÷250	50/60	36	0.9	3100/2950	86/82	6500/4000/3000	80	25000	605x605x70
BD M15L 30x120/36W	150÷250	50/60	36	0.9	3100/2950	86/82	6500/4000/3000	80	25000	1217x300x65
BD M15L 60x120/72W	150÷250	50/60	72	0.5	6600/6200	92/86	6500/4000/3000	80	25000	1217x605x65





LED PANEL LIGHT

FEATURES

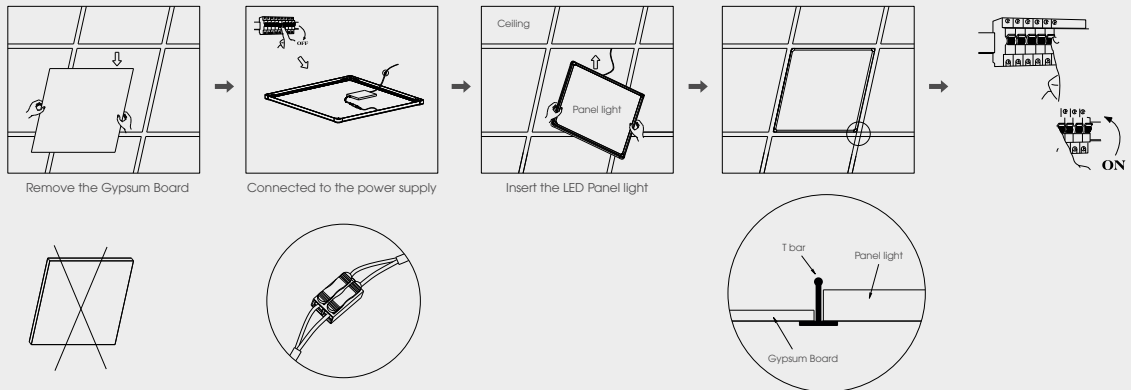
- Low power consumption
- Ultra - thin edge
- Glare - reduced
- Eco - friendly: No mercury, less CO2 emissions, no UV/IR
- Safe for health and vision
- Long lifetime

APPLICATIONS

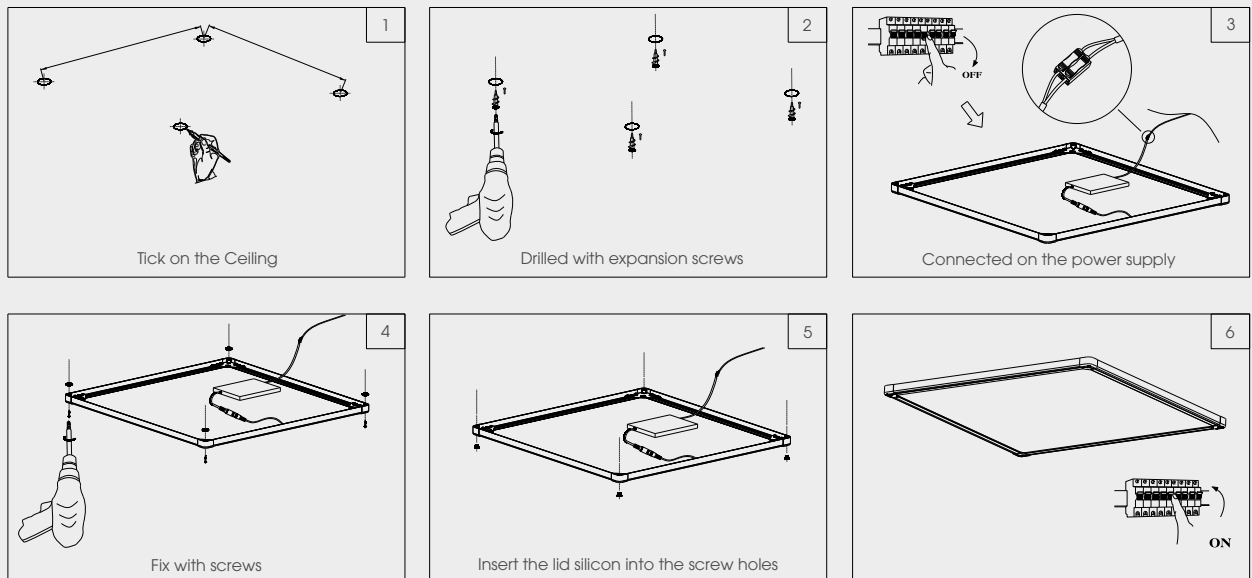
- Living room, office, schools, hospital
- Industrial facilities, basement.

LED PANEL INSTALLATION

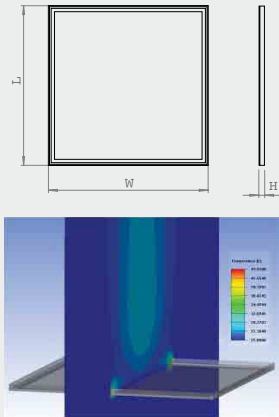
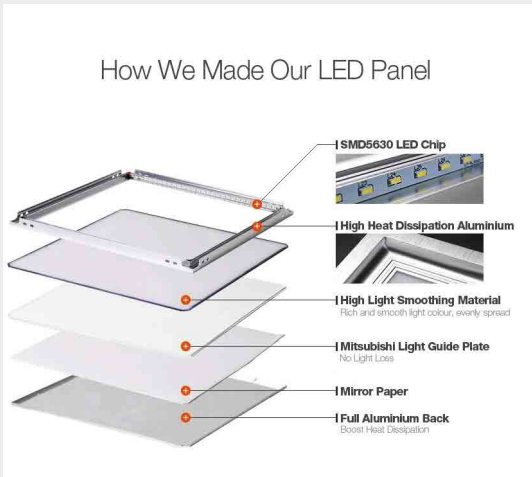
RECESSED



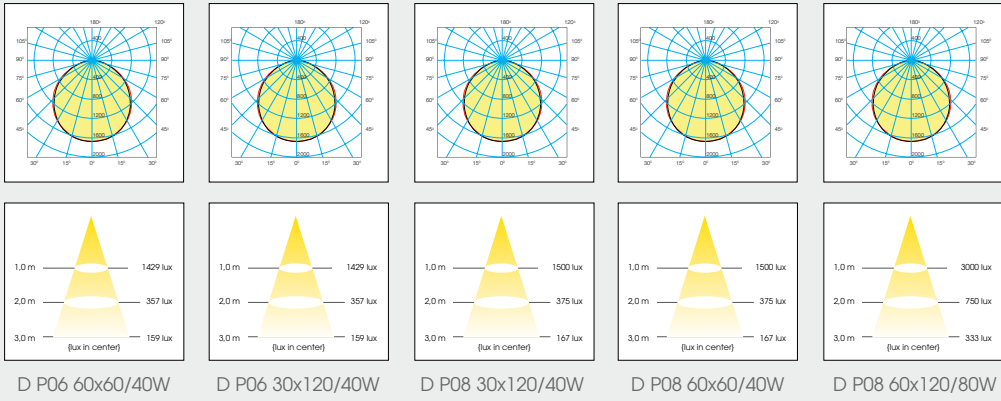
CEILING - MOUNTED



LED PANEL LIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
D P06 60x60/40W	150÷250	50/60	40	0.5	4000/3600	100/90	6500/4000/3000	80	25000	600x600x30
D P06 30x120/40W	150÷250	50/60	40	0.5	4000/3600	100/90	6500/4000/3000	80	25000	300x1200x30
D P08 30x120/40W	150÷250	50/60	40	0.9	4200/4000	105/100	6500/4000/3000	80	25000	1200x300x10
D P08 60x60/40W	150÷250	50/60	40	0.9	4200/4000	105/100	6500/4000/3000	80	25000	600x600x10
D P08 60x120/80W	150÷250	50/60	80	0.9	8400/8000	105/100	6500/4000/3000	80	25000	1200x600x10



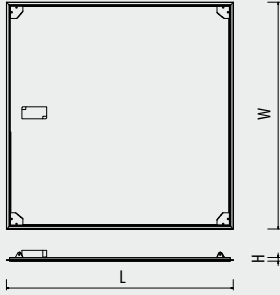
Environmentally Friendly and Safe



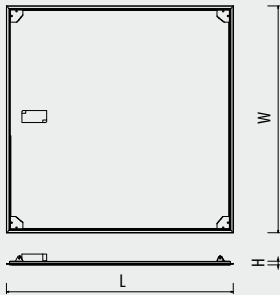
Not Chemicals



DECORATIVE PANEL LIGHT

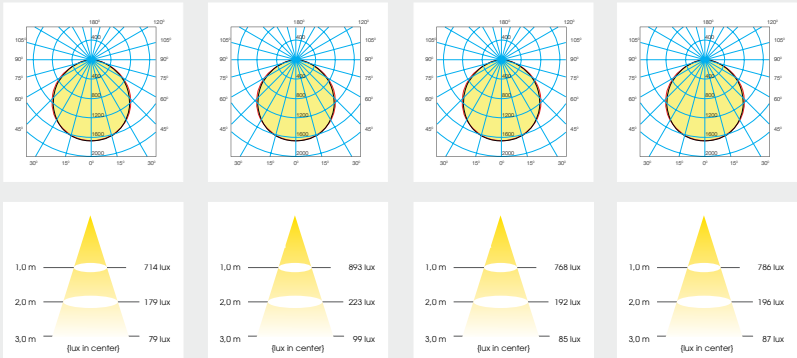


D P04 TTR01



D P04 TTR03

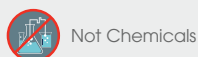
LIGHT DISTRIBUTION DATA



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

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
D P04 TTR01 60x60/36W	150÷250	50/60	36	0.9	2150/2000	60/56	6500/5000/3000	80	25000	600x600x22
D P04 TTR01 60x60/40W	150÷250	50/60	40	0.9	2200/2100	55/52	6500/5000/3000	80	25000	600x600x12
D P04 TTR03 60x60/36W	150÷250	50/60	36	0.9	2500/2350	69/65	6500/5000/3000	80	25000	600x600x22
D P04 TTR03 60x60/40W	150÷250	50/60	40	0.9	2000/1900	50/47	6500/5000/3000	80	25000	600x600x12

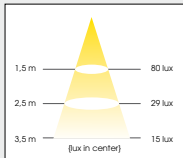
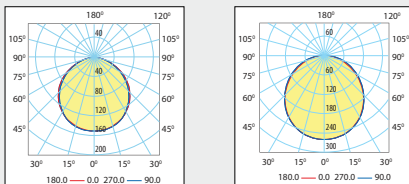


LED PANEL LIGHT

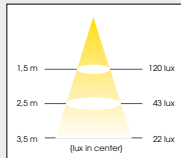


D PN04 9W/12W

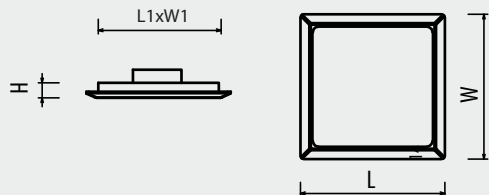
LIGHT DISTRIBUTION DATA



D PN04
110x110/9W



D PN04
160x160/12W



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Mounting diameter (L1xW1) (mm)	Dimension (LxWxH) (mm)
D PN04 110x110/9W	150-250	50/60	9	0.5	600/540	66/60	6500/4000/3000	80	20000	110x110	120x120x22
D PN04 160x160/12W	150-250	50/60	12	0.5	800/720	66/60	6500/4000/3000	80	20000	160x160	175x175x22



Environmentally
Friendly and Safe



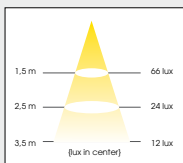
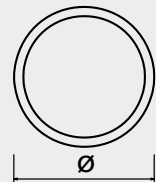
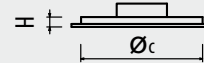
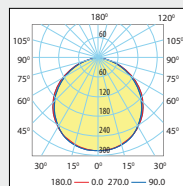
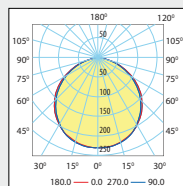
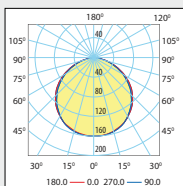
Not Chemicals



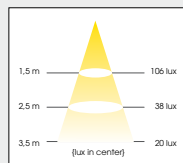
LED PANEL LIGHT



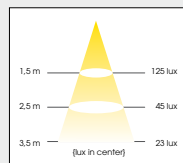
LIGHT DISTRIBUTION DATA



D PT04L 7W



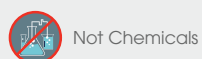
D PT04L 9W



D PT04L 12W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Mounting diameter (ΦxH) (mm)	Dimension (mm)
D PT04L 90/7W	150÷250	50/60	7	0.5	460/460/410	65/65/58	6500/4000/3000	80	20000	90	115x26
D PT04L 110/7W	150÷250	50/60	7	0.5	470/470/450	67/67/64	6500/4000/3000	80	20000	110	134x26
D PT04L 110/9W	150÷250	50/60	9	0.5	530/530/480	59/59/53	6500/4000/3000	80	20000	110	134x26
D PT04L 135/9W	150÷250	50/60	9	0.5	555/555/500	62/62/55	6500/4000/3000	80	20000	135	158x26
D PT04L 135/12W	150÷250	50/60	12	0.5	700/700/630	58/58/52	6500/4000/3000	80	20000	135	158x26





LED 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, commercial, hospital, etc.

Our LED Downlight was designed with the consideration of both a long life span and high light efficacy, while taking into account user's productivity, safety and health.

FEATURES

- Low power consumption: LED Downlights of series ADC12 save more than 70% of energy compared to existing 8 inch round fluorescent light fixture.
 - Optimum heat dissipation design (Tcase < 60°C).
 - Long lifetime: 25,000 to 30,000 hours.
- High luminous efficacy.
-

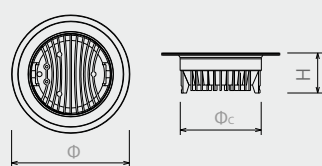
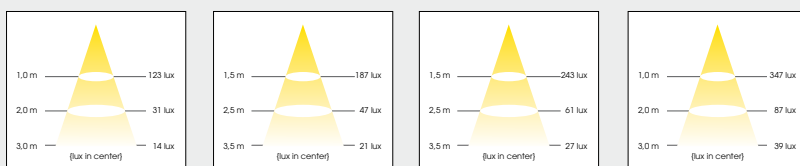
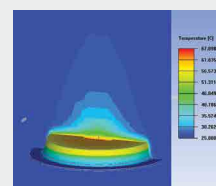
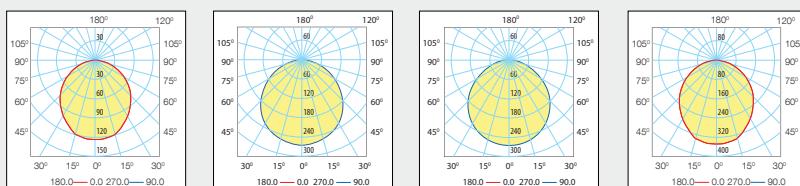
APPLICATIONS

- Lighting in department stores and shops. Office/ parking lot.

LED DOWNLIGHT



LIGHT DISTRIBUTION DATA



D AT04L 5W

D AT04L 7W

D AT04L 9W

D AT04L 12W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Beam angle	Mounting diameter (ΦxH) (mm)	Dimension (ΦxH) (mm)
D AT04L 90/5W	150÷250	50/60	5	0.5	330/300	65/60	6500/5000/3000	80	20000	105	90	118x40
D AT04L 90/7W	150÷250	50/60	7	0.5	500/470	71/67	6500/5000/3000	80	20000	105	90	118x40
D AT04L 90/9W	150÷250	50/60	9	0.5	650/630	72/70	6500/5000/3000	80	20000	105	90	118x40
D AT04L 110/7W	150÷250	50/60	7	0.5	500/470	71/67	6500/5000/3000	80	20000	105	110	138x50
D AT04L 110/9W	150÷250	50/60	9	0.5	650/630	72/70	6500/5000/3000	80	20000	105	110	138x50
D AT04L 110/12W	150÷250	50/60	12	0.5	930/910	77/75	6500/5000/3000	80	20000	105	110	138x50



LED DOWNLIGHT



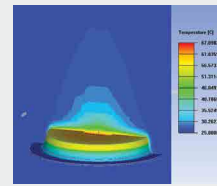
D AT05L 155/15W



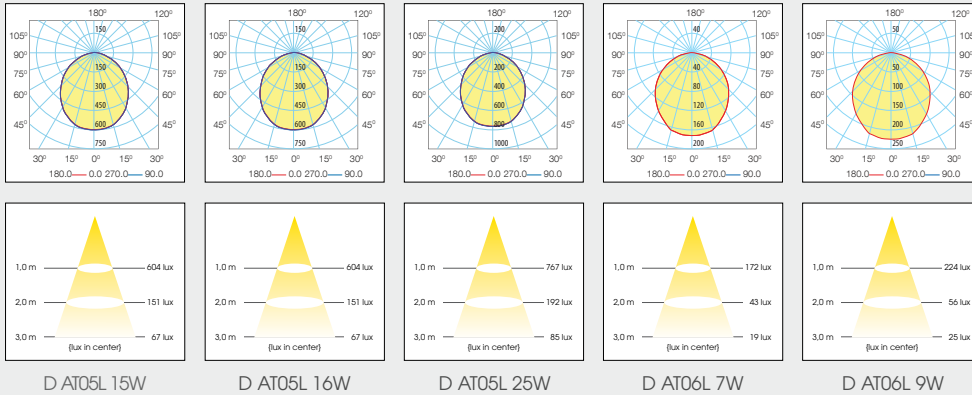
D AT05L 155 16W/25W




D AT06L 90/110 7W/9W



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Beam angle	Mounting diameter (Φ) (mm)	Dimension (ΦxH) (mm)	Certification
D AT05L 155/15W	150÷250	50/60	15	0.9	1575/1200	105/80	5700	82	25000		155	175x65	
D AT05L 155/16W	150÷250	50/60	16	0.5	1300/1200	79/76	6500/5000/3000	80	20000	105	155	180x44	
D AT05L 155/25W	150÷250	50/60	25	0.5	2000/1900	80/76	6500/5000/3000	80	20000	105	155	180x44	
D AT06L 90/7W	150÷250	50/60	7	0.5	460/410	65/60	6500/3000	80	15000	110	90	115x35	
D AT06L 110/7W	150÷250	50/60	7	0.5	460/410	65/60	6500/3000	80	15000	110	110	140x35	
D AT06L 110/9W	150÷250	50/60	9	0.5	600/540	67/60	6500/3000	80	15000	110	110	140x35	

KC: Korean Certification



Environmentally Friendly and Safe



Not Chemicals

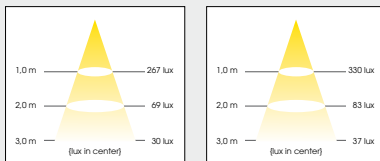
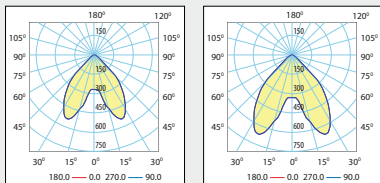


LED DOWNLIGHT



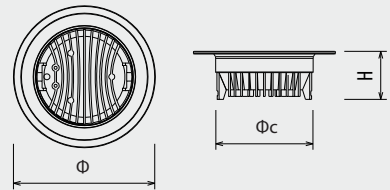
D AT14L 7W/9W

LIGHT DISTRIBUTION DATA



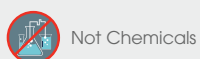
D AT14L 76/7W

D AT14L 90/9W



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Beam angle	Mounting diameter (Φc) (mm)	Dimension (ΦxH) (mm)
D AT14L 76/7W	150÷250	50/60	7	0.5	560	80	4000	80	20000	110	76	99x50
D AT14L 90/9W	150÷250	50/60	9	0.5	850	94	4000	80	20000	110	90	118x53



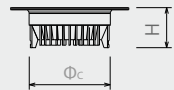
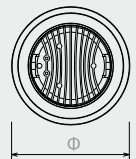
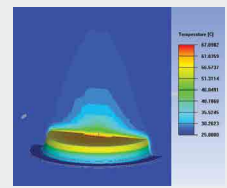
LED DOWNLIGHT



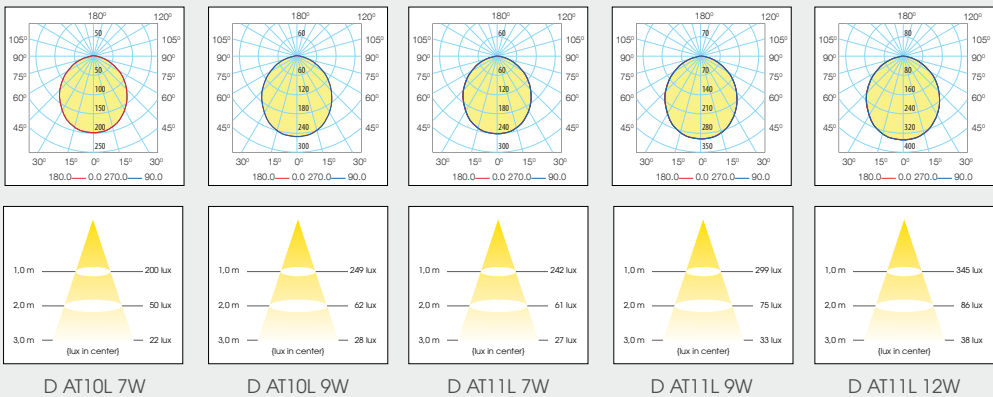
D AT10L 7W/9W



D AT11L 7W/9W/12W



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Beam angle	Mounting diameter (Φc) (mm)	Dimension (ΦxH) (mm)
D AT10L 90/7W	150÷250	50/60	7	0.5	520/490	74/70	6500/4000/3000	80	20000	110	90	118x33
D AT10L 90/9W	150÷250	50/60	9	0.5	650/630	72/70	6500/4000/3000	80	20000	110	90	118x33
D AT10L 110/7W	150÷250	50/60	7	0.5	520/490	74/70	6500/4000/3000	80	20000	110	110	138x36
D AT10L 110/9W	150÷250	50/60	9	0.5	650/630	72/70	6500/4000/3000	80	20000	110	110	138x36
D AT11L 90/7W	150÷250	50/60	7	0.5	630/610	90/87	6500/5000/3000	80	20000	110	90	118x40
D AT11L 90/9W	150÷250	50/60	9	0.5	780/760	87/84	6500/5000/3000	80	20000	110	90	118x40
D AT11L 110/9W	150÷250	50/60	9	0.5	780/760	87/84	6500/5000/3000	80	20000	110	110	138x40
D AT11L 110/12W	150÷250	50/60	12	0.5	900/810	75/67	6500/5000/3000	80	20000	110	110	138x40

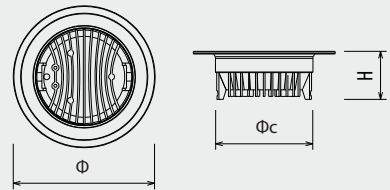
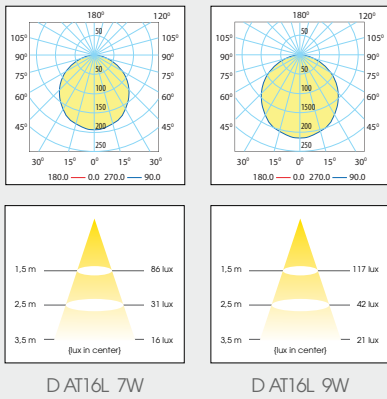


Environmentally Friendly and Safe  Not Chemicals 

LED DOWNLIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Beam angle	Mounting diameter (Φc) (mm)	Dimension (ΦxH) (mm)
D AT16L 90/7W	150÷250	50/60	7	0.5	600	85	6500/4000	85	30000	105	90	108x40
D AT16L 90/9W	150÷250	50/60	9	0.5	765	85	6500/4000	85	30000	105	90	108x40
D AT16L 110/7W	150÷250	50/60	7	0.5	600	85	6500/4000	85	30000	105	110	129x40
D AT16L 110/9W	150÷250	50/60	9	0.5	765	85	6500/4000	85	30000	105	110	129x40



Environmentally Friendly and Safe



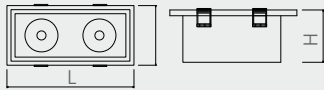
Not Chemicals



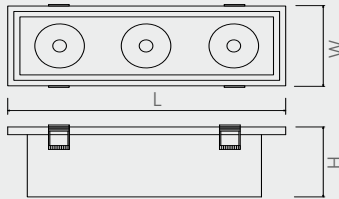
LED DOWNLIGHT



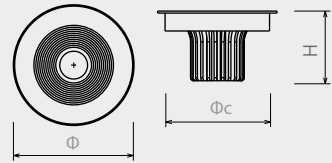
D AT12L 240x125/9Wx2



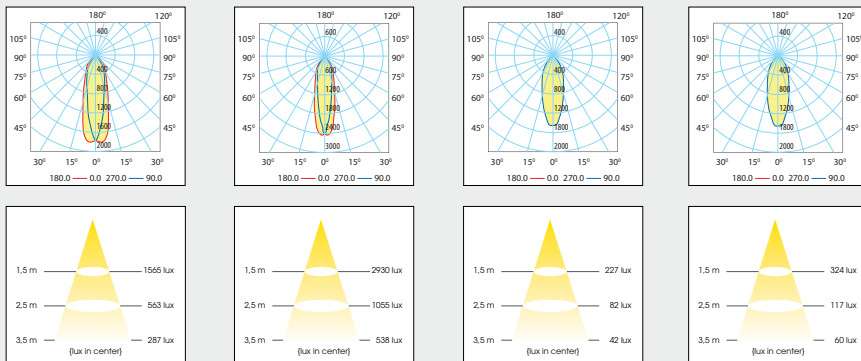
D AT12L 360x125/9Wx3



D AT02L XG 76 4.5W/6.5W



LIGHT DISTRIBUTION DATA



D AT12L 240x125/9Wx2 D AT12L 360x125/9Wx3 D AT02L XG 76/4.5W D AT02L XG 76/6.5W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Beam angle	Mounting diameter (Φc) (mm)	Dimension (ΦxH) (mm)
D AT12L 240x125/9Wx2	100÷240	50/60	18	0.5	1950	105	4000	80	25000	24	240	260x140x143
D AT12L 360x125/9Wx3	100÷240	50/60	27	0.5	2900	105	4000	80	25000	24	360	370x140x143
D AT02L XG 76/4.5W	150÷250	50/60	4.5	0.5	350	62	6500/4000	80	25000	24	76	90x45
D AT02L XG 76/6.5W	150÷250	50/60	6.5	0.5	500	62	6500/4000	80	25000	24	76	90x45



≥80



Environmentally Friendly and Safe



Not Chemicals





LED CEILING LIGHT

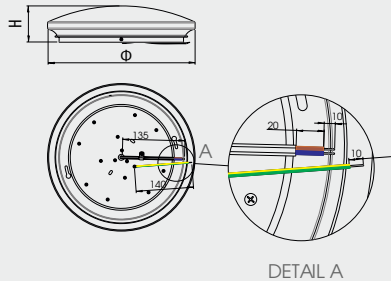
FEATURES

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

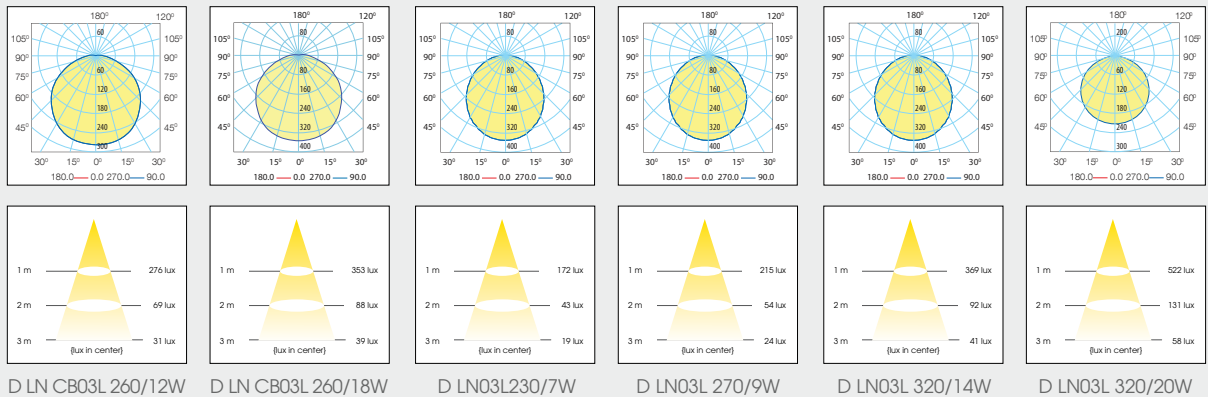
APPLICATIONS

- Entry way, residence, hallway, office


LED CEILING LIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	IP	Dimension (ΦxH) (mm)	Certification
D LN CB03L 260/12W	150÷250	50/60	12	0.5	900	75	6500/5000/3000	80	25000	44	260x58	
D LN CB03L 260/18W	150÷250	50/60	18	0.5	1150	75	6500/5000/3000	80	25000	44	260x58	
D LN03L230/7W	150÷250	50/60	7	0.5	560/500	80/71	6500/5000/3000	80	15000	20	227x76	
D LN03L 270/9W	150÷250	50/60	9	0.5	700/650	78/72	6500/5000/3000	80	15000	20	270x80	
D LN03L 320/14W	150÷250	50/60	14	0.5	1200/1116	85/80	6500/5000/3000	80	15000	20	320x80	
D LN03L 320/20W	150÷250	50/60	20	0.5	1800	90	6500/5000/3000	80	25000	20	320x80	

KC: Korean Certification



Environmentally Friendly and Safe



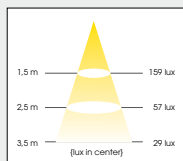
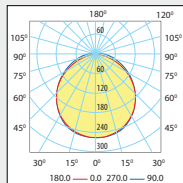
Not Chemicals



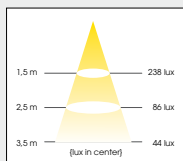
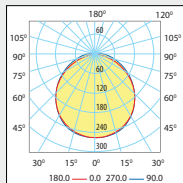
LED CEILING LIGHT



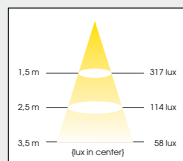
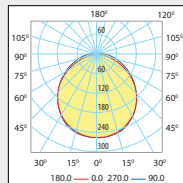
LIGHT DISTRIBUTION DATA



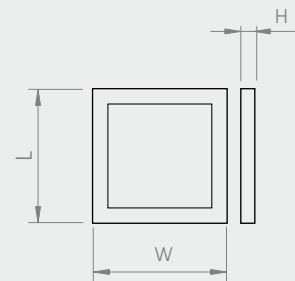
D LN08L17x17/12W



D LN08L 23x23/18W

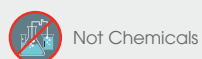


D LN08L 30x30/24W



SPECIFICATIONS

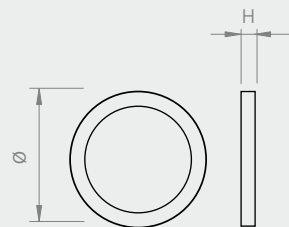
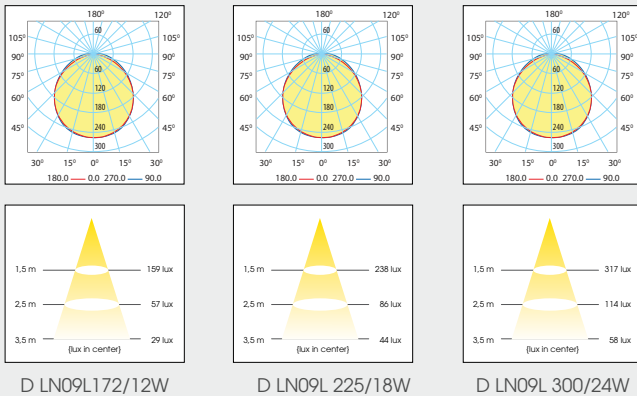
Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
DLN08 17x17/12W	170÷250	50/60	12	0.5	750/675	62/50	6500/4000/ 3000	80	20000	170x170x29
DLN08 23x23/18W	170÷250	50/60	18	0.5	1100/990	61/50	6500/4000/ 3000	80	20000	215x215x29
DLN08 30x30/24W	170÷250	50/60	24	0.5	1500/1200	62/50	6500/4000/ 3000	80	20000	300x300x29



LED CEILING LIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (ΦxH) (mm)
DLN09L 170/12W	170÷250	50/60	12	0.5	750/675	62/50	6500/4000/ 3000	80	20000	170x29
DLN09L 215/18W	170÷250	50/60	18	0.5	1100/990	61/50	6500/4000/ 3000	80	20000	215x29
DLN09L 300/24W	170÷250	50/60	24	0.5	1500/1200	62/50	6500/4000/ 3000	80	20000	300x29



Environmentally Friendly and Safe



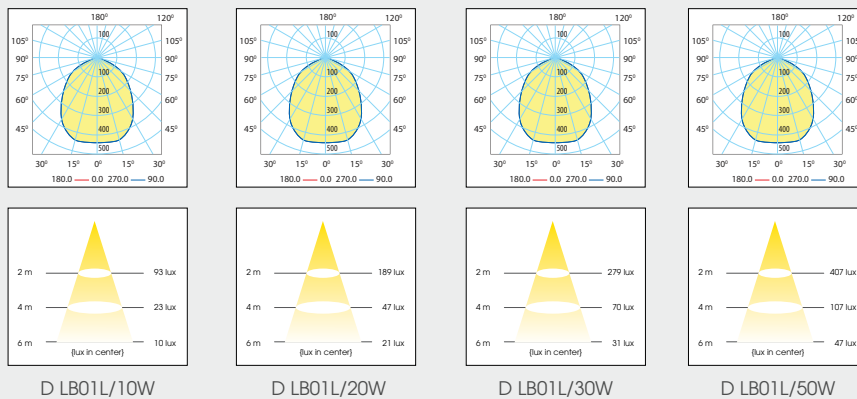
Not Chemicals



LED LOWBAY LIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	IP	Life time (h)	Dimension (ΦxH) (mm)
D LB01L/10W	150÷250	50/60	10	0.5	830	83	6500/5000/ 3000	80	54	15 000	172x93
D LB01L/20W	150÷250	50/60	20	0.5	1700	85	6500/5000/ 3000	80	54	15 000	240x124
D LB01L/30W	150÷250	50/60	30	0.5	2500	83	6500/5000/ 3000	80	54	15 000	281x133
D LB01L/50W	150÷250	50/60	50	0.5	4200	84	6500/5000/ 3000	80	54	15 000	382x168





LED 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, high bay housing is made of die-casting aluminum and finished with anti-corrosion coating layer (This product is suitable for damp and wet locations dimmable 0-10V).

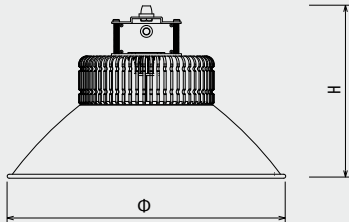
FEATURES

- Low power consumption
- Long lifetime: 50,000 hours
- High luminous efficacy (>120 lm/W)

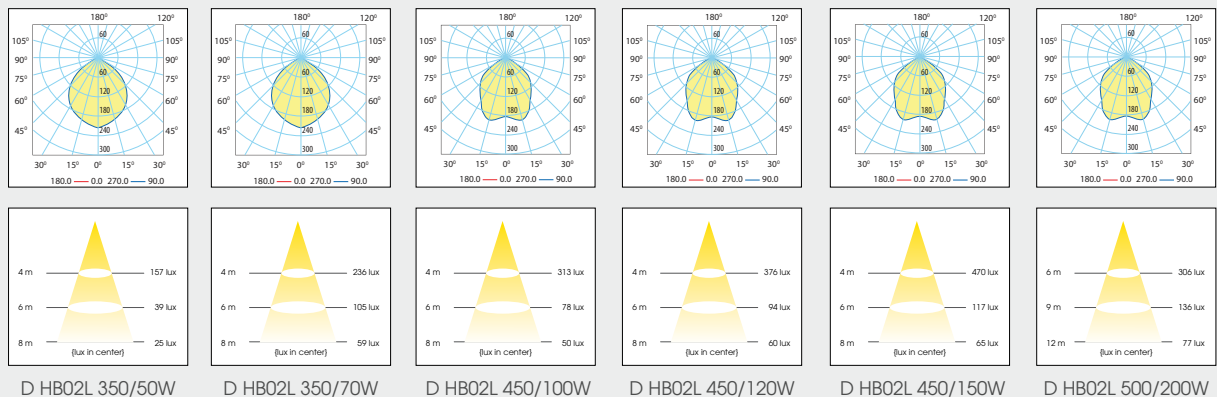
APPLICATIONS

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

LED HIGHBAY LIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Beam angle	Life time (h)	Dimension (ΦxH) (mm)
D HB02L 350/50W	150÷250	50/60	50	0.9	4570/4500	95/90	6500/5000/ 3000	80	110	30000	350x240
D HB02L 350/70W	150÷250	50/60	70	0.9	6650/6300	95/90	6500/5000/ 3000	80	110	30000	350x240
D HB02L 450/100W	150÷250	50/60	100	0.9	10000/9500	100/95	6500/5000/ 3000	80	90	30000	450x280
D HB02L 450/120W	150÷250	50/60	120	0.9	12000/ 11400	100/95	6500/5000/ 3000	80	90	30000	450x280
D HB02L 450/150W	150÷250	50/60	150	0.9	15000/14250	100/95	6500/5000/ 3000	80	90	30000	450x280
D HB02L 500/200W	150÷250	50/60	200	0.9	21000/19000	105/95	6500/5000/ 3000	80	90	30000	500x350



LED UFO HIGHBAY LIGHT

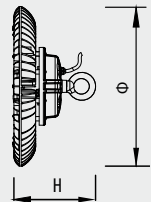
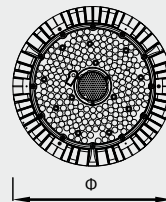
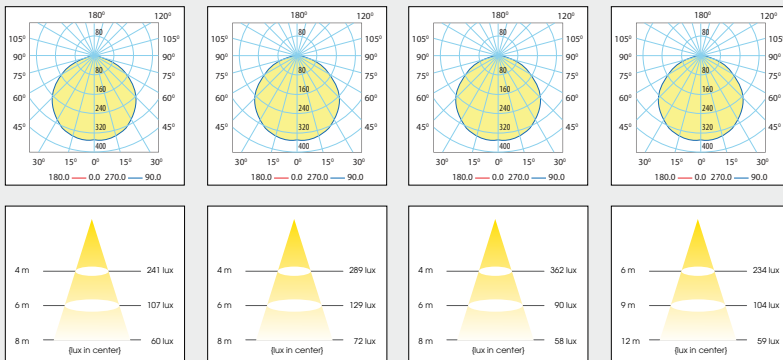


D HB03L 230/100W



D HB03L 310/360
120W/150W/200W

LIGHT DISTRIBUTION DATA



D HB03L 230/100W

D HB03L 310/120W

D HB03L 310/150W

D HB03L 360/200W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	IP	Life time (h)	Beam angle	Dimension (ΦxH) (mm)
D HB03L 230/100W	100~277	50/60	100	0.95	11000	120	6500/5000/ 3000	80	65	50 000	90	230x152
D HB03L 310/120W	100~277	50/60	120	0.95	13200	120	6500/5000/ 3000	80	65	50 000	90	310x155
D HB03L 310/150W	100~277	50/60	150	0.95	16500	120	6500/5000/ 3000	80	65	50 000	90	310x165
D HB03L 360/200W	100~277	50/60	200	0.95	22000	120	6500/5000/ 3000	80	65	50 000	90	360x175



Environmentally Friendly and Safe



Not Chemicals





LED FLOOD LIGHT

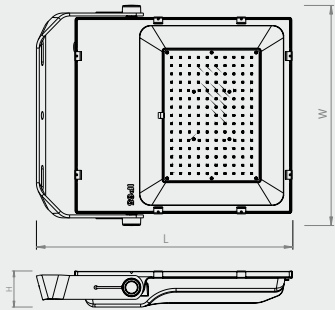
FEATURES

- 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
- Optimum light source: LumiLED/ Nichia/ Samsung LED package
- Long lifetime: over 20,000 hours
- Protection class: IP 65

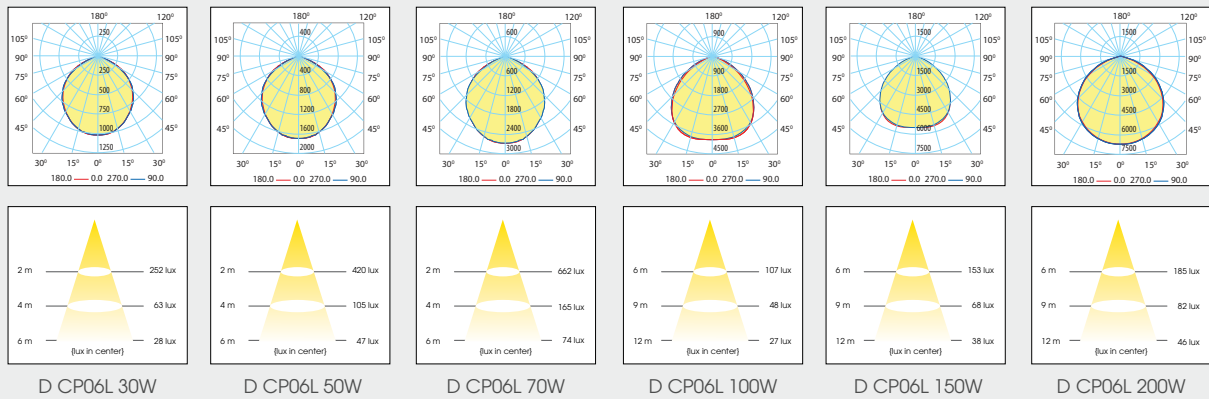
APPLICATIONS

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

LED FLOOD LIGHT



LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
D CP06L 10W	150÷250	50/60	10	0.5	850/760	85/76	6500/4000/3000	80	20000	136x116x40
D CP06L 20W	150÷250	50/60	20	0.5	1550/1400	78/70	6500/4000/3000	80	20000	136x116x40
D CP06L 30W	150÷250	50/60	30	0.5	2300/2070	77/70	6500/4000/3000	80	20000	200/180/55
D CP06L 50W	150÷250	50/60	50	0.5	4150/3740	83/75	6500/4000/3000	80	20000	220x197x55
D CP06L 70W	150÷250	50/60	70	0.9	6300	90	6500/5000/3000	80	20000	265x220x65
D CP06L 100W	150÷250	50/60	100	0.9	9500	95	6500/5000/3000	80	20000	328x282x78
D CP06L 150W	150÷250	50/60	150	0.9	13500	90	6500/5000/3000	80	20000	405x335x85
D CP06L 200W	150÷250	50/60	200	0.9	20000	100	6500/5000/3000	80	20000	406x377x97



Environmentally Friendly and Safe



Not Chemicals





LED STREET LIGHT

PRODUCT FEATURES:

- Light source: Using LED chip with high quality and 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
- Dimming 0-10V/ program dimming 5 levels

ECONOMIC EFFICIENCY:

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

APPLICATIONS:

- Streets, industrial zones

LED STREET LIGHT

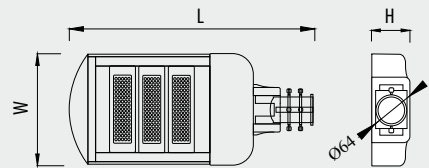
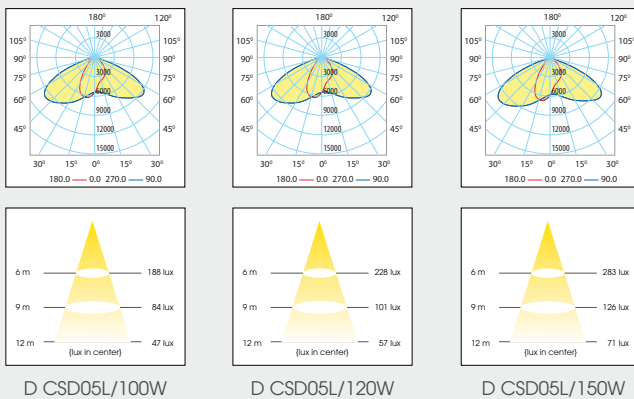


D CSD05L
100W/120W/150W



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

LIGHT DISTRIBUTION DATA



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	IP	Life time (h)	Dimension (LxWxH) (mm)	Surge
D CSD05L/100W	100÷277	50/60	100	0.95	13500	135	4000/5000	70	66	50 000	702x90x316	10kV/option
D CSD05L/120W	100÷277	50/60	120	0.95	15660	145	4000/5000	70	66	50 000	702x90x316	10kV/option
D CSD05L/150W	100÷277	50/60	150	0.95	20250	135	4000/5000	70	66	50 000	702x90x316	10kV/option
D CSD06L/80W	100÷277	50/60	80	0.95	10400	130	4000/5000	70	66	50 000	622x259x181	10kV/option
D CSD06L/100W	100÷277	50/60	100	0.95	13000	130	4000/5000	70	66	50 000	622x259x181	10kV/option
D CSD06L/120W	100÷277	50/60	120	0.95	15600	130	4000/5000	70	66	50 000	693x310x183	10kV/option
D CSD06L/150W	100÷277	50/60	150	0.95	19500	130	4000/5000	70	66	50 000	693x310x183	10kV/option



Environmentally Friendly and Safe

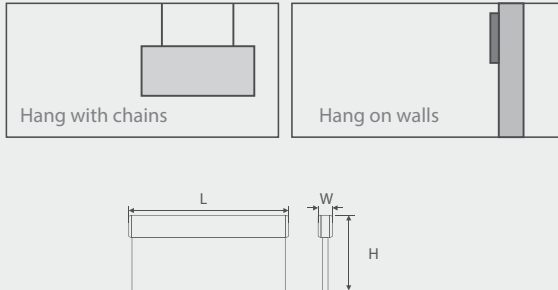


Not Chemicals



LED SIGN LIGHT

INSTALLATING INSTRUCTION



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Battery capacity (mAh)	Lighting time (h)	Full charging time (h)	Life time (h)	Dimension (LxWxH) (mm)
D CD01 40x20/2,2W (one side)	220	50/60	2.2	400	3	15000	20	370x25x202
D CD01 40x20/2,2W (two side)	220	50/60	2.2	400	3	15000	20	370x25x202

LED EMERGENCY LIGHT



D KC01/2W



D KC04/6W
D KC03/8W



D KC05/3W



D KC02/10W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Battery capacity (mAh)	CCT (K)	Lighting time (h)	Full charging time (h)	Life time (h)
D KC01/2W	220	50/60	2	800	Daylight	3	15000	20
D KC05/3W	220	50/60	3	800	Daylight	3	15000	20
D KC04/6W	220	50/60	6	2200	Daylight	6	15000	20
D KC03/8W	220	50/60	8	4000	Daylight	6	15000	20
D KC02/10W	220	50/60	10	4000	Daylight	6	15000	20



Environmentally Friendly and Safe



Not Chemicals



LED STANDBY LIGHT



LED 035 DC



D CS 036DC/2.5W

SPECIFICATIONS

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

LED HEADBAND LIGHT



LED D PDD01L/1W



LED D PDD01L/3W



LED D PDD01L/5W

SPECIFICATIONS

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



Environmentally Friendly and Safe



Not Chemicals





LED 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%

LED DESK LIGHT



RD-RL-10E.LED



RD-RL-16.LED



RD-RL-24.LED



RD-RL-27.LED



RD-RL-28.LED



RD-RL-30.LED



RD-RL-32.LED



RD-RL-33.LED

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Illuminance (lux)	CCT (K)	CRI (Ra)	Life time (h)
RD-RL-10E.LED	150÷250	50/60	6	0.5	600	Daylight/ Warmlight	80	25000
RD-RL-16E.LED	150÷250	50/60	5	0.5	650	Daylight/ Warmlight	80	15000
RD-RL-24.LED	150÷250	50/60	5	0.5	700	Daylight/ Warmlight	80	15000
RD-RL-27.LED	150÷250	50/60	5	0.5	700	Daylight/ Warmlight	80	15000
RD-RL-28.LED	150÷250	50/60	5	0.5	700	Daylight/ Warmlight	80	15000
RD-RL-30.LED	150÷250	50/60	5	0.5	700	Daylight/ Warmlight	80	15000
RD-RL-32.LED	150÷250	50/60	6	0.5	700	Daylight/ Warmlight	80	15000
RD-RL-33.LED	150÷250	50/60	6	0.5	700	Daylight/ Warmlight	80	25000



Environmentally Friendly and Safe



Not Chemicals



TOUCH DESK LIGHT

Dimming and colors changeable



RD-RL-20.LED



RD-RL-21.LED



RD-RL-22.LED



RD-RL-31.LED



RD-RL-36.LED

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Illuminance (lux)	CCT (K)	CRI (Ra)	Life time (h)
RD-RL-20.LED	150÷250	50/60	6	0.5	600	Warmlight	86	25000
RD-RL-21.LED	150÷250	50/60	6	0.5	700	Daylight/ Warmlight/yellow	80	25000
RD-RL-22.LED	150÷250	50/60	6	0.5	700	Daylight/ Warmlight/yellow	80	25000
RD-RL-31.LED	150÷250	50/60	5	0.5	500	Change 7 colors	80	15000
RD-RL-36.LED	150÷250	50/60	6	0.5	700	Dimming 3 levels	86	25000



Environmentally Friendly and Safe



Not Chemicals





LED 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

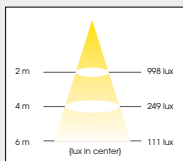
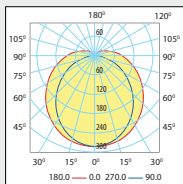
APPLICATIONS:

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

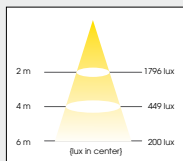
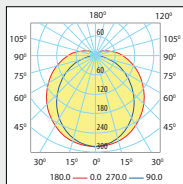
LED TRACKLIGHT



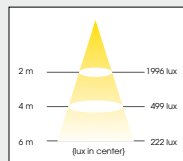
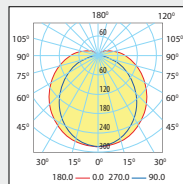
LIGHT DISTRIBUTION DATA



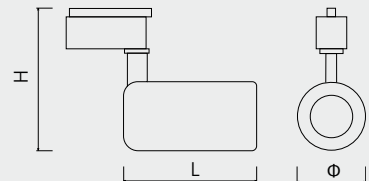
D TTRL04L/12W



D TTRL04L/20W



D TTRL04L/25W



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Beam Angle (°)	Dimension (ØxLxH) (mm)
D TRL04L 12W	150÷250	50/60	12	1000	84	6500/4000/3000	80	25000	24	60x140x100
D TRL04L 20W	150÷250	50/60	20	1540/1250	77/57	6500/4000/3000	80	25000	24	80x170x120
D TRL04L 25W	150÷250	50/60	25	1650/1380	66/55	6500/4000/3000	80	25000	24	90x180x140



Environmentally Friendly and Safe



Not Chemicals





LED 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.

LED CLASSROOM LIGHT

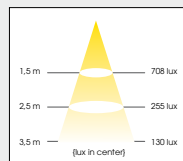
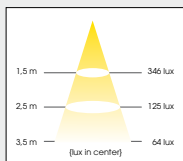
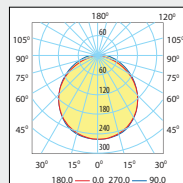
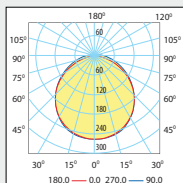


BD CSLH 120/20W



BD CSBA 120/18W

LIGHT DISTRIBUTION DATA

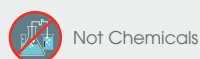


BD LED CSLH
120/20W

BD LED CSBA
120/18W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (ΦxH) (mm)
BD CSLH 120/20W	220	50/60	20	2000	100	6500/5000	80	25000	1212x100x100
BD CSBA 120/18W	220	50/60	18	1700	94	6500/5000	80	25000	1200x460x100





LIGHTING FOR FISHERY

- Distinguished LED light spectrum for different types of fish.
- Optimized thermal technology with ANSYS Icepak thermal simulation.
- Good performance and reliability.
- Harsh condition resistance (IP66, salt spray, vibration, etc.).
- High luminous efficacy (up to 130 lm/W).
- Various types of light beam distribution (with special patented lens).

LED FISHING LIGHT

Squid catching light



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

Raft fishing LED light



D B04L/150W

Ship board light



DCB 02L/50W



DCB 02L/100W/150W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	IP	Dimension (ΦxH) (mm)	Weight (Kg)	Feature
DCM 01L/30w	10÷15 VDC		30		3000	100	6500/5000/4000/ Green	80	20000	66	135x120x125	1.0	Squid catching lamp
DCM 01L/50w	10÷15 VDC		50		5000	100	6500/5000/4000/ Green	80	20000	66	135x120x125	1.0	
D B04L/150w	20÷28 VDC		150		18000/16500	120/110	5000/4000/3000	80	20000	66	272x220	4.0	Raft fishing
DCB 02L/50w	150÷250	50/60	50	0.9	5500	110	5000/4000/3000	80	20000	66	190x130x150	1.5	Squid board lamp
D CB02L/100W	150÷250	50/60	100	0.9	12000	120	5000/4000/3000	80	20000	66	270x130x150	2.0	
D CB02L/150W	150÷250	50/60	150	0.9	18000	120	5000/4000/3000	80	20000	66	290x130x150	2.5	



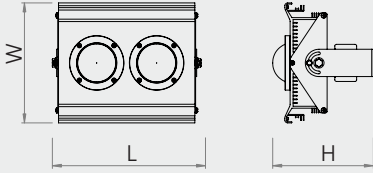
Environmentally Friendly and Safe



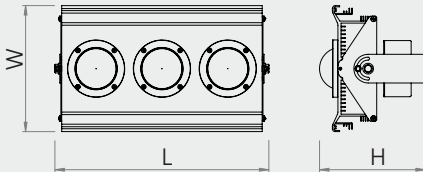
Not Chemicals



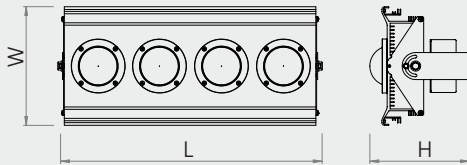
LED FISHING LIGHT



D CD04L/200W

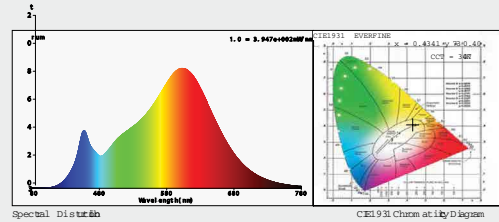


D CD04L/300W



D CD04L/400W

SPECTRUM



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	Life time (h)	IP	Dimension (LxWxH) (mm)	Weight (Kg)
D DC04L/200W	100~277	50/60	200	0.9	26000	130	5000/4000/3000	80	20000	66	272x220	4.0
D DC04L/300W	100~277	50/60	300	0.9	39000	130	5000/4000/3000	80	20000	66	373x220	5.2
D DC04L/400W	100~277	50/60	400	0.95	52000	130	5000/4000/3000	80	20000	66	508x220	7.8



Environmentally Friendly and Safe



Not Chemicals



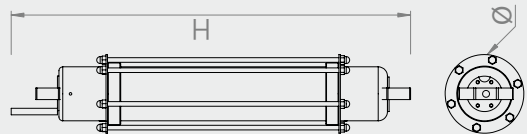
LED UNDERWATER LIGHT



D TC01/200W



D TC01/600W



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	Power Factor	Lumen (lm)	Luminous Efficiency (lm/W)	CCT (K)	CRI (Ra)	IP	Life time (h)	Dimension (ΦxH) (mm)	Weight (kg)
D TC01/200W	100~277	50/60	200	0.95	17000	85	4000/Green	70	68	20000	102x440	3.00
D TC01L/600W	100~277	50/60	600	0.95	48000	80	4000/ Green	70	68	20000	102x450	4.00





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

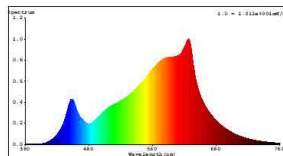
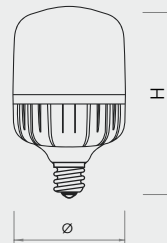
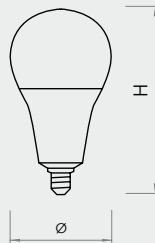
HI-TECH AGRICULTURE LIGHT PLANT CULTIVATION



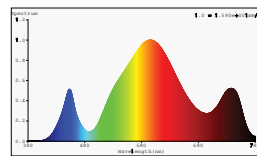
LED HC A60/6W WR
LED HC A60/9W
3000K



LED.TL-T60 WFR/9W



Spectral Distribution



Spectral Distribution

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	PPF (μmol/s)	IP	Life time (h)
LED HC A60/6W WR	150÷250	50/60	6	8	54	15000
LED HC A60/9W 3000K	150÷250	50/60	9	8	54	15000
LED.TL-T60 WFR/9W	150÷250	50/60	9	11	65	15000



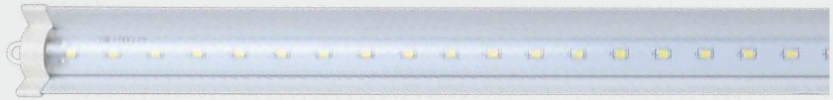
Environmentally
Friendly and Safe



Not Chemicals

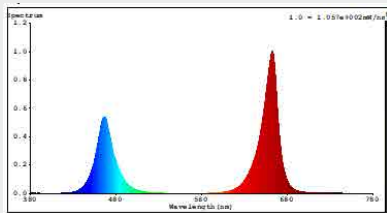


HI-TECH AGRICULTURE LIGHT

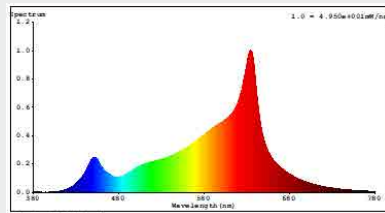


■ VEGETABLE GROW LIGHT

SPECTRUM



LED TRR 01L 120/25W BR
(30B/70R)



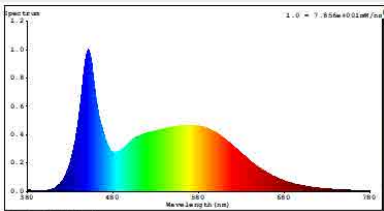
LED TRR 25W 120/WR
LED NCM 120/16W WR

SPECIFICATIONS

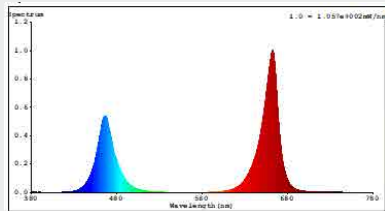
Model	Voltage (V)	Frequency (Hz)	Power (W)	PPF (μmol/s)	IP	CCT	Life time (h)
LED TRR 01L 120/25W BR (30B/70R)	150÷250	50/60	25	32	44	Blue/Red	20000
LED TRR 25W 120/WR	150÷250	50/60	25	30	44	White/Yellow	20000

■ TISSUE CULTURE LIGHT

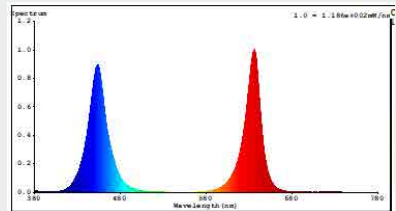
SPECTRUM



D NCM02L 10W/16W
LED NCM 120/16W



D NCM02L 16W/25W BR
(30B/70R)



LED T 25W 120/50B50R

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	PPF (μmol/s)	IP	CCT (K)	Life time (h)
D NCM02L 60/10W	150÷250	50/60	10	14	42	White/Yellow	20000
D NCM02L 120/10W	150÷250	50/60	10	15	42	White/Yellow	20000
D NCM02L 120/16W	150÷250	50/60	16	20	42	White/Yellow	20000
D NCM02L 120/16W BR (30B/70R)	150÷250	50/60	16	21	42	Blue/Red	20000
LED NCM 120/16W WR	150÷250	50/60	16	20	42	White/Yellow	20000
LED NCM 120/16W	150÷250	50/60	16	0-20	42	White/Yellow	20000
LED T 25W 120/50B50R	150÷250	50/60	25	26	42	Blue/Red	20000
LED TRR 01L 120/25W BR (30B/70R)	150÷250	50/60	25	32	42	Blue/Red	20000



Environmentally
Friendly and Safe



Not Chemicals



LED DECORATIVE LIGHT



D TL 01 MN/5W



D TL 02 MN/5W



D TL 03 MN/5W



BD TT04L 400/01



BD TT01L 240/9W



BD TT03L 90/7W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (h)
TABLE LAMP							
D TL01MN/5W	170÷250	50/60	5	Daylight/ Warmlight	80	15000	500x325
D TL02MN/5W	170÷250	50/60	5	Daylight/ Warmlight	80	15000	500x330
D TL03MN/5W	150÷250	50/60	5	Daylight/ Warmlight	80	15000	550x250
PENDANT LAMPS							
BD TT04L 400/01	150÷250	50/60	5	Daylight/ Warmlight	80	15000	400x180x1000
BD TT01L 240/9W	150÷250	50/60	9	Daylight/ Warmlight	80	15000	340x240x1000
BD TT03L 90 7W	150÷250	50/60	7	Daylight/ Warmlight	80	15000	90x294x1000



Environmentally
Friendly and Safe



Not Chemicals



LED WALL LIGHT



D GT03L V/5W



D GT04L HG/5W



D GT06L CD/2.5W



D GT07L/5W



D GT08L 2.5W/5W



D GT12L/5W

SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	CCT (K)	CRI (Ra)	Life time (h)	Dimension (LxWxH) (mm)
D GT03L V/5W	150÷250	50/60	5	3000	80	15 000	100x100x100
D GT04L HG/5W	150÷250	50/60	5	3000	80	15 000	203x103x93
D GT06L CD/2.5W	150÷250	50/60	2.5	2700	80	15 000	265x95x115
D GT07L/5W	150÷250	50/60	5	3000	80	15 000	98x95x306
D GT08L/2.5W	150÷250	50/60	2.5	2700	80	15 000	135x95x183
D GT08L/5W	150÷250	50/60	5	3000	80	15 000	135x95x183
D GT12L/5W	150÷250	50/60	5	3000	80	15 000	186x177x112



Environmentally
Friendly and Safe



Not Chemicals

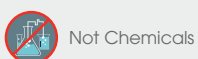


LED STRIP LIGHT



SPECIFICATIONS

Model	Voltage (V)	Frequency (Hz)	Power (W)	CCT (K)	IP	Life time (h)	Length (mm)
LED STRIP	150÷250	50/60	7W/1m	6500K/3000K	65	15000	5000



CERTIFICATES & PERMITS

AGC 寰宇环检测

Page 1 of 21

Safety Test Report

Report No.: AGC02350180201E01

PRODUCT DESIGNATION : LED Bulb
BRAND NAME : Rang Dong
MODEL NAME : LED A60/E17/PL LED A60/E17/PL
CLIENT : RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
DATE OF ISSUE : Mar-20, 2018
STANDARD(S) : EN 60598-2012-A2:2015
REPORT VERSION : V1.0

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

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AGC 寰宇环检测

Page 1 of 42

EMC Test Report

Report No.: AGC02350180201E01

PRODUCT DESIGNATION : LED Bulb
BRAND NAME : Rang Dong
MODEL NAME : LED A60/E17/PL LED A60/E17/PL
CLIENT : RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
DATE OF ISSUE : Mar-07, 2018
STANDARD(S) : EN 55015:2012+A1:2015
REPORT VERSION : V1.0

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

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AGC 寰宇环检测

Page 1 of 22

Safety Test Report

Report No.: AGC02350190301E01

PRODUCT DESIGNATION : LED Tube
BRAND NAME : Rang Dong
MODEL NAME : LED TUBE T8 T8E1 120V/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

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

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AGC 寰宇环检测

Page 1 of 42

EMC Test Report

Report No.: AGC02350190301E01

PRODUCT DESIGNATION : LED Tube
BRAND NAME : Rang Dong
MODEL NAME : LED TUBE T8 T8E1 120V/18W LED TUBE T8 T8E1 180V/18W
CLIENT : RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
DATE OF ISSUE : Mar-14, 2018
STANDARD(S) : EN 55015:2012+A1:2015
REPORT VERSION : V1.0

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

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SZUTEST CE

CERTIFICATE OF COMPLIANCE

The conformity and test reports of the following product have been checked and found in accordance with the EMC Directive and CE Marking Directive of 2014/53/EU and the EMC Directive Annex I of EMC Directive 2014/53/EU.

Certificate Number: GS-19-049701

Applicant: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
 87-81, Hai Van Street, Thanh Xuan District, Hanoi, Vietnam

Manufacturer: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
 87-81, Hai Van Street, Thanh Xuan District, Hanoi, Vietnam

Product: LED BULB
Type: LED A60/E17, LED A60/E17/PL, LED A60/E17/PL

Place of attestation: PAV of Technical Measurement No. VN-0180000-A1

Appoint Date/validity: 14/03/2018 / 01/03/2019

Validity: 01/03/2019 to 01/03/2020

CE

[Signature]

SZUTEST CE

CERTIFICATE OF COMPLIANCE

The conformity and test reports of the following product have been checked and found in accordance with the EMC Directive and CE Marking Directive of 2014/53/EU and the EMC Directive Annex I of EMC Directive 2014/53/EU.

Certificate Number: GS-19-049702

Applicant: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
 87-81, Hai Van Street, Thanh Xuan District, Hanoi, Vietnam

Manufacturer: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
 87-81, Hai Van Street, Thanh Xuan District, Hanoi, Vietnam

Product: LED TUBE
Type: LED TUBE T8 T8E1 120V/18W, LED TUBE T8 T8E1 180V/18W

Place of attestation: PAV of Technical Measurement No. VN-0180000-A1

Appoint Date/validity: 04/02/2018 / 01/03/2019

Validity: 01/03/2019 to 01/03/2020

CE

[Signature]

SZUTEST CE

CERTIFICATE OF COMPLIANCE

The conformity and test reports of the following product have been checked and found in accordance with the EMC Directive and CE Marking Directive of 2014/53/EU and the EMC Directive Annex I of EMC Directive 2014/53/EU.

Certificate Number: GS-19-049703

Applicant: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
 87-81, Hai Van Street, Thanh Xuan District, Hanoi, Vietnam

Manufacturer: RANG DONG LIGHT SOURCE & VACUUM FLASK JOINT STOCK COMPANY
 87-81, Hai Van Street, Thanh Xuan District, Hanoi, Vietnam

Product: LED BULB
Type: LED A60/E17, LED A60/E17/PL, LED A60/E17/PL

Place of attestation: PAV of Technical Measurement No. VN-0180000-A1

Appoint Date/validity: 14/03/2018 / 01/03/2019

Validity: 01/03/2019 to 01/03/2020

CE

[Signature]

안전인증서
Safety Certificate

인인증번호 : AJ11381-1803
(Certificate No.)

제조업체(수입업체)
Rang Dong Light Source and Vacuum Flask Joint Stock Company
(Manufacturer/importer)

주 소 : No. 87-88 Ha Doh Street, Thanh Xuan Trung Ward, Thanh Xuan District, Hanoi City, Vietnam

제품명 : LED등기(고정형)
(Product) Fixed Luminaires for LED Lamp(s)

기본모델명 : D LN03L 33520W 650K
(Basic Model)

파생모델명 : D LN03L 33520W 3000K
(Series Model)

허용전압(허용전압) : 220 V~ 40 Hz, 2W W LED 0.5 W < 40 EA
(Rating)

시행기준 : KC0858-10261-08, KC0858-2-10261-09
(Standard)

본 인증서는 제조업체, 제조업자, 수입업체 또는 제조업체에 따라 안전인증을 증명합니다.
We issue this Safety Certificate for the above appliances in accordance with the Article 92, 94(a) or 102(a) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2018년 08월 18일
year month day

KTR 한국화학융합시험연구원
Korea Testing & Research Institute

본 인증서는 「전기용품 및 생활용품 안전관리법」 제25조(제3항) 또는 제26조(제2항)에 따라 안전인증을 증명합니다.
We issue this Safety Certificate for the above appliances in accordance with the Article 92, 94(a) or 102(a) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2018년 08월 18일
year month day

KTR 한국화학융합시험연구원
Korea Testing & Research Institute

방송통신기자재등의 적합등록 필증
Registration of Broadcasting and Communication Equipments

상호 또는 성명
Rang Dong Light Source and Vacuum Flask Joint Stock Company

기자재명칭(제품명칭)
LED등기(고정형)

기본모델명
LED A6N1/13W 6500K

파생모델명
D LN03L 12029W 3000K

등록번호
R-REM-RSV-DLN03L12029W

제조업체(수입업체)
Rang Dong Light Source and Vacuum Flask Joint Stock Company / 베트남

등록신청일
2018-01-05

허기자재는 「전기법」 제58조(2) 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2018년 01월 05일(Month) 05일(Day)

국립전파연구원
Director General of National Radio Research Agency

안전인증서
Safety Certificate

인인증번호 : AJ11381-1803
(Certificate No.)

제조업체(수입업체)
Rang Dong Light Source and Vacuum Flask Joint Stock Company
(Manufacturer/importer)

주 소 : No. 87-88 Ha Doh Street, Thanh Xuan Trung Ward, Thanh Xuan District, Hanoi City, Vietnam

제품명 : 안전등기(LED등)
(Product) Self-ballasted Lamp(s) LED(s)

기본모델명 : LED A6N1/13W 6500K
(Basic Model)

파생모델명 : LED A6N1/13W 3000K, LED A6N1/13W 6500K
(Series Model)

허용전압(허용전압) : 220 V~ 40 Hz, 19 W
(Rating)

시행기준 : KC10020015-11
(Standard)

본 인증서는 제조업체, 제조업자, 수입업체 또는 제조업체에 따라 안전인증을 증명합니다.
We issue this Safety Certificate for the above appliances in accordance with the Article 92, 94(a) or 102(a) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2018년 08월 18일
year month day

KTR 한국화학융합시험연구원
Korea Testing & Research Institute

방송통신기자재등의 적합등록 필증
Registration of Broadcasting and Communication Equipments

상호 또는 성명
Rang Dong Light Source and Vacuum Flask Joint Stock Company

기자재명칭(제품명칭)
안정기내장형LED등(LED등)

기본모델명
LED A6N1/13W 6500K

파생모델명
LED A6N1/12W 3000K

등록번호
MSIP-REM-RSV-LED46N12W6500

제조업체(수입업체)
Rang Dong Light Source and Vacuum Flask Joint Stock Company / 베트남

등록신청일
2017-11-01

허기자재는 「전기법」 제58조(2) 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2017년 11월 01일(Month) 01일(Day)

국립전파연구원
Director General of National Radio Research Agency

안전인증서
Safety Certificate

인인증번호 : AJ11381-1703A
(Certificate No.)

제조업체(수입업체)
Rang Dong Light Source and Vacuum Flask Joint Stock Company
(Manufacturer/importer)

주 소 : No. 87-88 Ha Doh Street, Thanh Xuan Trung Ward, Thanh Xuan District, Hanoi City, Vietnam

제품명 : LED등기(고정형)
(Product) Fixed Luminaires for LED Lamps

기본모델명 : LED Fixed Luminaire BD M16L 12036W V3 6500K
(Basic Model)

파생모델명 : 광원변조(Attachable)
(Series Model)

허용전압(허용전압) : 220 V~, 60 Hz, 36 W LED 0.5 W < 36 EA
(Rating)

시행기준 : KC0858-10261-08, KC0858-2-10261-09
(Standard)

본 인증서는 제조업체, 제조업자, 수입업체 또는 제조업체에 따라 안전인증을 증명합니다.
We issue this Safety Certificate for the above appliances in accordance with the Article 92, 94(a) or 102(a) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2017년 03월 30일
year month day

KTR 한국화학융합시험연구원
Korea Testing & Research Institute

방송통신기자재등의 적합등록 필증
Registration of Broadcasting and Communication Equipments

상호 또는 성명
Rang Dong Light Source and Vacuum Flask Joint Stock Company

기자재명칭(제품명칭)
LED등기(고정형)

기본모델명
LED Fixed Luminaire BD M16L 12036W 6500K

파생모델명
LED Fixed Luminaire BD M16L 12036W 3000K, LED Fixed Luminaire BD M16L 12036W 3000K

등록번호
R-REM-RSV-BDM16L12036W

제조업체(수입업체)
Rang Dong Light Source and Vacuum Flask Joint Stock Company / 베트남

등록신청일
2018-01-08

허기자재는 「전기법」 제58조(2) 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2018년 01월 08일(Month) 08일(Day)

국립전파연구원
Director General of National Radio Research Agency

방송통신기자재등의 적합등록 필증
Registration of Broadcasting and Communication Equipments

상호 또는 성명
Rang Dong Light Source and Vacuum Flask Joint Stock Company

기자재명칭
안정기내장형LED등(LED등)

기본모델명
LED A6N1/13W 6500K

파생모델명
LED A6N1/13W 3000K, LED A6N1/13W 6500K, LED A6N1/13W 6500K

등록번호
MSIP-REM-RSV-LED46N13W6500

제조업체(수입업체)
Rang Dong Light Source and Vacuum Flask Joint Stock Company / 베트남

등록신청일
2017-09-13

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It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2017년 09월 13일(Month) 13일(Day)

국립전파연구원
Director General of National Radio Research Agency

안전인증서
Safety Certificate

인인증번호 : AJ11381-1803
(Certificate No.)

제조업체(수입업체)
Rang Dong Light Source and Vacuum Flask Joint Stock Company
(Manufacturer/importer)

주 소 : No. 87-88 Ha Doh Street, Thanh Xuan Trung Ward, Thanh Xuan District, Hanoi City, Vietnam

제품명 : LED등기(고정형)
(Product) Fixed Luminaires for LED Lamp(s)

기본모델명 : BD M16L 12036W 6500K
(Basic Model)

파생모델명 : BD M16L 12036W 3000K
(Series Model)

허용전압(허용전압) : 220 V~, 60 Hz, 36 W LED 0.2 W < 36 EA
(Rating)

시행기준 : KC0858-10261-08, KC0858-2-10261-09
(Standard)

본 인증서는 제조업체, 제조업자, 수입업체 또는 제조업체에 따라 안전인증을 증명합니다.
We issue this Safety Certificate for the above appliances in accordance with the Article 92, 94(a) or 102(a) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2018년 08월 18일
year month day

KTR 한국화학융합시험연구원
Korea Testing & Research Institute

방송통신기자재등의 적합등록 필증
Registration of Broadcasting and Communication Equipments

상호 또는 성명
Rang Dong Light Source and Vacuum Flask Joint Stock Company

기자재명칭(제품명칭)
LED Lights (Fixed Type)

기본모델명
BD M16L 12036W 6500K

파생모델명
BD M16L 12036W 3000K

등록번호
MSIP-REM-RSV-BDM16L12036W

제조업체(수입업체)
Rang Dong Light Source and Vacuum Flask Joint Stock Company / 베트남

등록신청일
2017-11-14

허기자재는 「전기법」 제58조(2) 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2017년 11월 14일(Month) 14일(Day)

국립전파연구원
Director General of National Radio Research Agency

Korean Market



2017년 08월 04일

방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

발행처: Rang Dong Light Source and Vacuum Flask Joint Stock Company
 (주)랑동광원(주) (주)랑동진공

제품명: LED등기구(조명장비)
 Equipment Name: LED Light Source

기호번호: D L200L 120/2W 6300K
 Mark Number

사격모델명: D L200L 120/2W 3000K
 Shot Model Name

등록번호: R-2017-08-0011130309
 Registration No.

제조업체(주)명: Rang Dong Light Source and Vacuum Flask Joint Stock Company / 주.랑동
 Manufacturer's Name

등록일: 2017-08-04
 Date of Registration

기간: 2018년 08월 04일 (1년)
 Validity Period

이 기기는 「전기법」 제56조(2) 제4항에 따라 적합등록을 증명합니다.
 It is verified that foregoing equipment has been registered under the Class 3, Article 56-2 of Radio Wave Act.

2017년 08월 04일 (Monday) 09:53(Day)

국립전파연구원장
 Director General of National Radio Research Agency

2017년 08월 04일

방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

발행처: Rang Dong Light Source and Vacuum Flask Joint Stock Company
 (주)랑동광원(주) (주)랑동진공

제품명: LED등기구(조명장비)
 Equipment Name: LED Light Source

기호번호: LED Reed Luminaires RD M16L 120/2W 6300K
 Mark Number

사격모델명: LED Reed Luminaires RD M16L 120/2W 3000K, LED Reed Luminaires RD M16L 120/2W 3000K
 Shot Model Name

등록번호: R-2017-08-0011130309
 Registration No.

제조업체(주)명: Rang Dong Light Source and Vacuum Flask Joint Stock Company / 주.랑동
 Manufacturer's Name

등록일: 2017-08-04
 Date of Registration

기간: 1년
 Validity Period

이 기기는 「전기법」 제56조(2) 제4항에 따라 적합등록을 증명합니다.
 It is verified that foregoing equipment has been registered under the Class 3, Article 56-2 of Radio Wave Act.

2017년 08월 04일 (Monday) 09:53(Day)

국립전파연구원장
 Director General of National Radio Research Agency

2017년 08월 04일

방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

발행처: Rang Dong Light Source and Vacuum Flask Joint Stock Company
 (주)랑동광원(주) (주)랑동진공

제품명: LED등기구(조명장비)
 Equipment Name: LED Light Source

기호번호: RD M16L 120/2W 6300K
 Mark Number

사격모델명: RD M16L 120/2W 3000K
 Shot Model Name

등록번호: R-2017-08-0011130309
 Registration No.

제조업체(주)명: Rang Dong Light Source and Vacuum Flask Joint Stock Company / 주.랑동
 Manufacturer's Name

등록일: 2017-08-04
 Date of Registration

기간: 1년
 Validity Period

이 기기는 「전기법」 제56조(2) 제4항에 따라 적합등록을 증명합니다.
 It is verified that foregoing equipment has been registered under the Class 3, Article 56-2 of Radio Wave Act.

2017년 08월 04일 (Monday) 14:16(Day)

국립전파연구원장
 Director General of National Radio Research Agency

2017년 08월 04일

안전인증서

Safety Certificate

발행처: Rang Dong Light Source and Vacuum Flask Joint Stock Company
 (주)랑동광원(주) (주)랑동진공

주 소: 751-819 Ho Chi Minh Street, Thanh Kieu Trung Ward, Thanh Kieu District, Ho Chi Minh City, Vietnam

제품명: LED등기구(조명장비)
 Equipment Name: LED Light Source

기호번호: D L200L 120/2W 6300K
 Mark Number

사격모델명: D L200L 120/2W 3000K
 Shot Model Name

등록번호: R-2017-08-0011130309
 Registration No.

제조업체(주)명: Rang Dong Light Source and Vacuum Flask Joint Stock Company / 주.랑동
 Manufacturer's Name

등록일: 2017-08-04
 Date of Registration

기간: 1년
 Validity Period

이 기기는 「전기법」 제56조(2) 제4항에 따라 적합등록을 증명합니다.
 It is verified that foregoing equipment has been registered under the Class 3, Article 56-2 of Radio Wave Act.

2017년 08월 04일 (Monday) 09:53(Day)

KTR 한국화학융합시험연구원
 KTR Korea Research Institute of Chemical Technology

2017년 08월 04일

안전인증서

Safety Certificate

발행처: Rang Dong Light Source and Vacuum Flask Joint Stock Company
 (주)랑동광원(주) (주)랑동진공

주 소: 751-819 Ho Chi Minh Street, Thanh Kieu Trung Ward, Thanh Kieu District, Ho Chi Minh City, Vietnam

제품명: LED등기구(조명장비)
 Equipment Name: LED Light Source

기호번호: RD M16L 120/2W 6300K
 Mark Number

사격모델명: RD M16L 120/2W 3000K, RD M16L 120/2W 3000K
 Shot Model Name

등록번호: R-2017-08-0011130309
 Registration No.

제조업체(주)명: Rang Dong Light Source and Vacuum Flask Joint Stock Company / 주.랑동
 Manufacturer's Name

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Safety Certificate

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제품명: LED등기구(조명장비)
 Equipment Name: LED Light Source

기호번호: RD M16L 120/2W 6300K
 Mark Number

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 Shot Model Name

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2017년 08월 04일 (Monday) 14:16(Day)

KTR 한국화학융합시험연구원
 KTR Korea Research Institute of Chemical Technology

2017년 08월 04일

안전인증서

Safety Certificate

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 Shot Model Name

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제조업체(주)명: Rang Dong Light Source and Vacuum Flask Joint Stock Company / 주.랑동
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2017년 08월 04일 (Monday) 14:16(Day)

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 KTR Korea Research Institute of Chemical Technology



Contact us

RANG DONG LIGHT SOURCE AND VACUUM FLASK JOINT STOCK COMPANY

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