



SKEL LED LIGHTING SOLUTION COMPANY



Hi - LiFE®

LED Luminaires

(2020 - 2021)

SHRI KAAMATCHI ELECTRICALS AND LIGHTINGS

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About Us

Shri Kaamatchi Electricals and Lightings (SKEL) is an LED distribution and implementation company. We design solution-oriented lighting packages around each client's particular goals, using a combination of industry experience, manufacturing partnerships, and logistical capabilities. We are manufacturer-neutral, so our focus is entirely on reliable, high quality, high efficiency, and cost-effective products. Different considerations to maximize your return on investment include warranty, up-front costs, and volume discounts. Contact us today to learn how SKEL Lighting can help your organization reach its LED lighting goals!

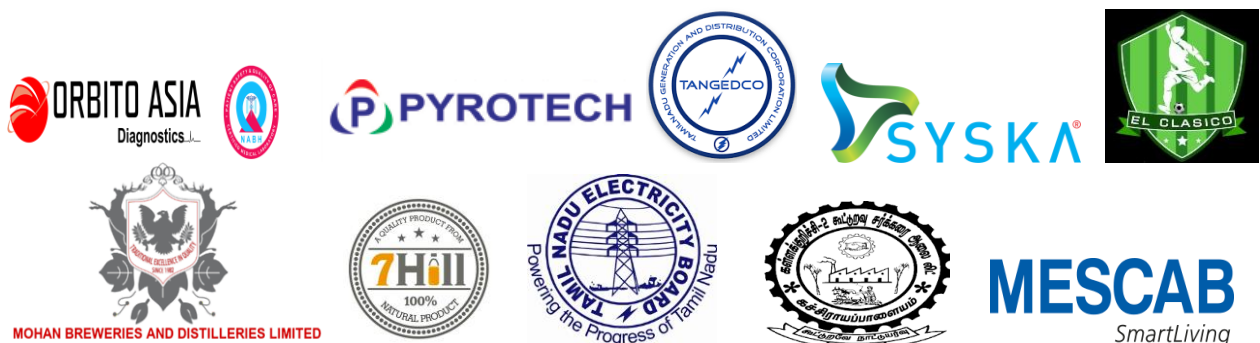
SKEL Lighting provides a “Best Solution” approach, for your specific environment. We assess, educate, and evaluate each application and then recommend the best product(s) for your project. We provide you with cost of ownership models, Return on Investment (ROI) analysis, an HID to LED energy comparison matrix and cost verification model that helps you minimize your energy and operating costs while maximizing your lighting performance and quality.

Our services include the following.

1. LED Retrofit Management
2. New & Replacement LED products
3. Requests for Proposals- generation and response
4. Design & Performance Consulting

We provide LED lighting and retrofit operations for:

1. Municipalities and Government Departments,
2. Facility or building owner/manager(s)
3. School & Universities
4. Hospitals and medical facilities
5. Contractors, Architects & engineers



LED Well Glass Fitting - Flameproof



TECHNICAL DESCRIPTION

LED Industrial Well Glass having flame proof pressure die-cast aluminum enclosure custom designed for maximum thermal efficiency. Luminaire is pre-wired with high efficiency power corrected LED driver designed for optimum efficiency of the SMD LED'S.

TECHNICAL SPECIFICATION	
Power Consumption (W)	45 ~ 70 W
LED Luminous Flux(Lumen)	5400 ~ 8400 lm
Dimension (mm)	140(Dia)x150(H)
LED Luminous Efficacy (lm/w)	>120
LED Color	CW/WW/NW
Supply Voltage	230V AC
Frequency Range	50Hz +/- 10%
Working Humidity	5%~95% RH
Beam Angle	120°
Earthing	Stainless Steel
Area Classification	Zone- 1&2, As Per IS:5572
Gasket	Endless Moulded Neoprene
IP Protection	IP-66



LED Well Glass (Non-Flameproof) Fitting



TECHNICAL DESCRIPTION

LED industrial well glass having pressure die-cast aluminum enclosure custom designed for maximum thermal efficiency with toughened type 'A' glass & polycarbonate cover. Luminaire is pre-wired with high efficiency power-factor corrected LED driver designed for optimum efficiency of the LED's.

TECHNICAL SPECIFICATION

Total Power Consumption (W)	30/40/50/60/70/100
LED Luminous Flux (Lumen)	3900/5200/6500/7800/9100/13000
Dimension (mm)	170(dia)X125(D), 183(dia)X148(D), 146(dia)X230(D), 195(Dia)X185(H)
Luminous Efficacy (lm/w)	>130
LED Color	CW/WW/NW
Supply Voltage, Frequency	220V DC, 50Hz +/- 10%
IP Protection	IP 66
Operating Temperature	-20°C to 60°C
Working Humidity	5%~95% RH
LED Beam Angle	120°
Enclosure	Pressure Die Cast (aluminium)



LED WELL GLASS 60/70W

Product Details :-

Code : LWG03 / 70W
 Model : Non flame proof
 Series : Well Glass

Electrical Data :-

Input voltage range : 100 - 277 VAC
 Power : 70Watt
 Power factor : > 0.9
 Frequency : 50Hz
 THD : < 15%
 Driver : Constant current active
 Powerfactor corrected
 Driver Efficiency : > 85%

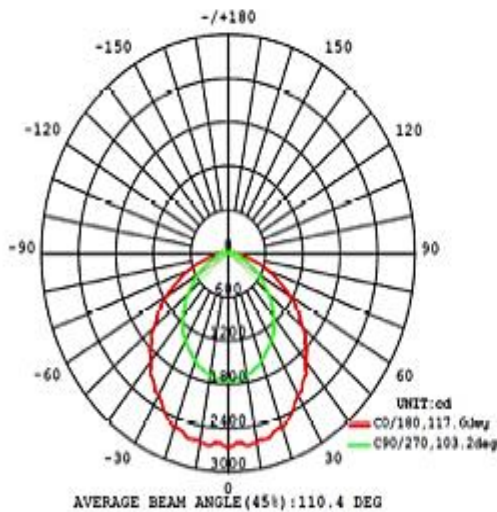
Light Data :-

LED Type : SMD LED, LM80 Certified
 LED Efficacy : > 120 lm/Watt
 Beam angle : 120°
 CCT : 4500 - 6500K
 CRI : Typical 80
 LED Life time : 50,000 hours

Environmental :-

Working temperature : 0 °C to + 55 °C
 Working humidity : 10 to 90% RH
 Storage temperature : 0 °C to + 85 °C
 IP rating : IP65

Light distribution :



Note : The above specification are subjected to change without prior notice



0
Maintenance

50%
Energy Saving

ZERO
Mercury

Physical Details :-

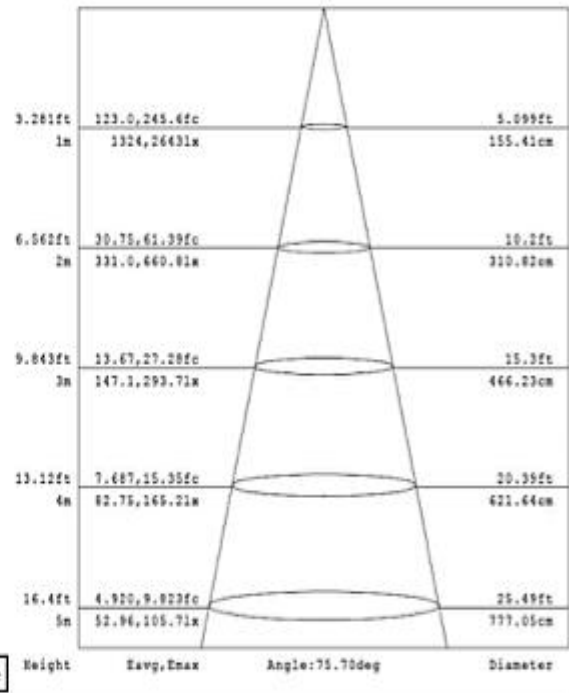
Material : LM6 Grade aluminum or higher grade
 Construction : Pressure die cast aluminum enclosure
 Fixture Dimensions : Dia 220mm x H 200mm
 Weight : 2.0 Kgs approx.,
 Suitable fixing : Surface / Ceiling mount

Protections :-

Output Over voltage / Under voltage protected : Provided
 Output Over current and Short circuit : Provided
 Voltage / Power fluctuations : External provided / Surge

Applications : Indoor, Outdoor & Industrial

AAI Curve :



LED WELL GLASS 45W

Product Details :-

Code : LWG45
 Model : Non flame proof
 Series : Well Glass

Electrical Data :-

Input voltage range : 100 - 277 VAC
 Power : 45 Watt
 Power factor : > 0.95
 Frequency : 50Hz
 THD : < 15%
 Driver : Constant current active
 Powerfactor corrected

Driver registration No : BIS-IS15885-2-13:2012
 R-6300353
 & IS 16104:2012

Driver Efficiency : > 85%

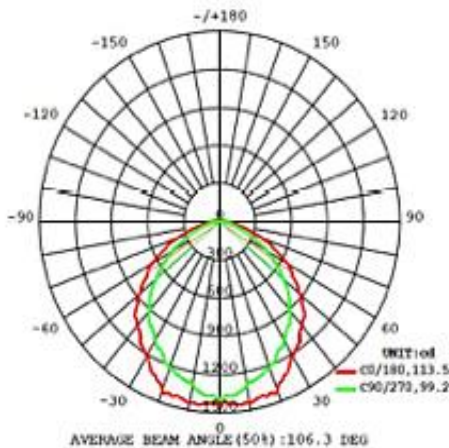
Light Data :-

LED Type : SMD LED, LM80 Certified
 LED Efficacy : > 120 lm/Watt
 Beam angle : 120°
 CCT range : 2700 - 6500K
 CRI : Typical 70
 Diffuser : Polycarbonate Diffuser
 LED Life time : 50,000 hours

Environmental :-

Working temperature : 0 °C to + 55 °C
 Working humidity : 10 to 90% RH
 Storage temperature : -10°C to + 85 °C
 IP rating : IP65

Light distribution :-



Note : The above specification are subjected to change without prior notice



Physical Details :-

Material : LM6 Grade aluminum or higher grade
 Construction : Pressure die cast aluminum enclosure
 Fixture Dimensions : Dia 155mm x H 162mm
 Weight : 1.0 Kgs approx.,
 Suitable fixing : Surface / Ceiling mount

Protections :-

Output Over voltage / Under voltage protected : Provided
 Output Over current and Short circuit : Provided
 Surge protection : Inbuilt surge 4KV,
 External 5KV (Optional)

Applications : Indoor, Outdoor & Industrial

AAI Curve :-

3.281ft 1m	46.85, 140.5ft 501.0, 15121x	9.551ft 291.11cm
6.562ft 2m	11.64, 35.13ft 125.3, 375.01x	19.1ft 582.22cm
9.843ft 3m	5.172, 15.41ft 55.67, 169.01x	28.65ft 873.33cm
13.12ft 4m	2.929, 8.780ft 31.31, 94.511x	38.2ft 1164.44cm
16.4ft 5m	1.862, 5.619ft 20.04, 60.491x	47.75ft 1455.55cm
Height	Eavg, Emax	Angle:111.02deg Diameter

VER2.19

LED High-Bay Light (IP65)

Description



- Input Voltage: 100-277Vac 50/60Hz
- Up to 120lm/W
- CRI: >70 or 80, PF>0.95, THD<15%
- Calculated L70>50,000h @ Ta 25°C
- Work Temp.: -40~50°C (-40~122°F)
- Warranty: 2 / 3 years limited
- Hook / Chain mounting
- 6 KV / 10 KV / 15 KV Surge Protection



Datasheet:

Model No	HB75	HB100	HB150	HB200	HB250
Wattage	75W	100W	150W	200W	250W
Lumens	9000lm	12000lm	18000lm	24000lm	30000lm
LED Type	Osram / Edison / Epistar (3030)				
CCT	3000K / 4000K / 5000K / 5700K				
Optics	60° / 90° Degree				
Surge	6 KV / 10 KV / 15 KV Surge Protection				
Driver	BIS Certified Driver / Fulham / Meanwell / Inventronics				

*lm - lumen, CCT - Correlated Color Temperature in Kelvin (K).

LED Flood Light (IP65)



Description

- Input Voltage: 100-277Vac 50/60Hz
- Alum Casting with Toughened Glass
- Lens or without Lens
- Work Temp.: -40~50°C (-40~122°F)
- Warranty: 2 / 3 years limited
- Wall / Suspension Mounting
- 6 KV / 10 KV / 15 KV Surge Protection



Datasheet:

Model No	FL 50	FL 75	FL 100	FL 150	FL 200	FL 250	FL 300
Wattage	50W	75W	100W	150W	200W	250W	300W
Lumens	5500lm	8250lm	11000lm	16500lm	22000lm	27500lm	33000lm
Lm/W Eff	110lm/W						
LED Type	Osram / Edison / Epistar						
Voltage	120-277Vac, 50/60Hz						
CCT	4000K / 5000K / 5700K						
Lifespan	L70 > 50,000h @ Ta 25°C						
Surge	6 KV / 10 KV / 15 KV Surge Protection						
Driver	BIS Certified Driver / Fulham						

*lm - lumen, CCT - Correlated Color Temperature in Kelvin (K).

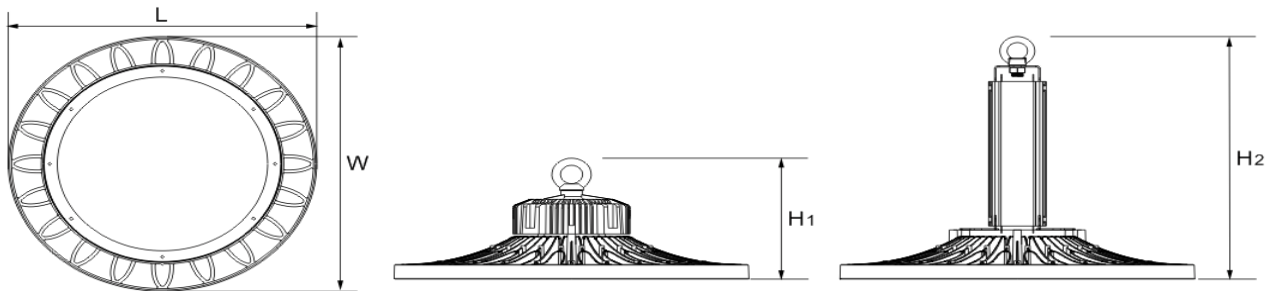
LED UFO-Type High-Bay Light (IP65)



Description

- Input Voltage: 100-277Vac 50/60Hz
- CRI: >70 or 80, PF>0.95, THD<15%
- Calculated L70>50,000h @ Ta 25°C
- Work Temp.: -40~50°C (-40~122°F)
- Warranty: 2 / 3 / 5 years limited
- Hook /chain mounting
- 6 KV / 10 KV / 15 KV Surge Protection

Dimensions



Datasheet:

Model No	UFO HB75	UFO HB100	UFO HB150	UFO HB200	UFO HB250
Wattage	75W	100W	150W	200W	250W
Lumens	9000lm	12000lm	18000lm	24000lm	30000lm
Lm/W Eff	120lm/W				
LED Type	Philips / Osram (3030,5050)				
I/P Voltage	120-277Vac, 50/60Hz				
CCT	4000K / 5000K / 5700K				
Optics	60° / 90° Degree				
Surge	6 KV / 10 KV / 15 KV Surge Protection				
Driver	BIS Certified Driver / Fulham / Meanwell / Inventronics				

*lm - lumen, CCT - Correlated Color Temperature in Kelvin (K).

LED Flat Panel Lights - FPL



- ★ Material : Aluminium Casting with PC Diffuser
- ★ I/P : 110V ~ 240V AC, 50/60Hz
- ★ CRI : >80%
- ★ Efficacy : 100lm/W
- ★ PFC : >0.95
- ★ THD : <15%
- ★ Applications : Hospitals, Restaurants, Office Space, Showrooms, Home, Banks & Govt Building.

All dimensions are in Ft

Product Code	Product Description	Lumen Output & CCT	Dimension
SKE FPL 024	24W FPL	2400lm, 3500K~6000K	1" x 1" & 2" x 2" Ft
SKE FPL 030	30W FPL	3000lm, 3500K~6000K	1" x 1" & 2" x 2" Ft
SKE FPL 040	40W FPL & Tricolor	4000lm, 3500K~6000K	2" x 2" Ft
SKE FPL 040	40W FPL	4000lm, 3500K~6000K	1" x 4" & 2' x 4" Ft

*FPL - Flat Panel Light, lm - lumen, CCT - Correlated Color Temperature in Kelvin (K).

** 2 Years Manufacturer's Warranty.

LED Tubes - TL



- ★ Material : Aluminium Casting with PC Diffuser
- ★ I/P : 110V ~ 240V AC, 50/60Hz
- ★ CRI : >80%
- ★ Efficacy : 100lm/W
- ★ PFC : >0.95
- ★ THD : <15%
- ★ Applications : Hospitals, Restaurants, Office Space, Showrooms, Home, Banks & Govt Building.

All dimensions are in Ft

Product Code	Product Description	Lumen Output & CCT	Length
SKE TL 012	12 Watts	1200lm, 3500K~6000K	1 Feet
SKE TL 016	16 Watts (Tricolor)	1600lm, 3500K~6000K	2 Feet
SKE TL 018	18 /20 Watts	2000lm, 3500K~6000K	4 Feet
SKE TL 036	36/40 Watts	3600/4000lm, 3500K~6000K	4 Feet

*Tricolor - Warm, Neutral and Cool White, lm - lumen, CCT - Correlated Color Temperature in Kelvin (K).

** 2 Years Manufacturer's Warranty.

LED Streetlights - ST (IP65)



- ★ Material : Aluminium Casting with Toughened Glass
- ★ Input Supply : 110V ~ 240V AC, 50/60Hz
- ★ CRI : >80%
- ★ Eff : 90%
- ★ PFC : >0.95
- ★ THD : <15%, 6 KV / 10 KV / 15 KV Surge Protection
- ★ Stainless Steel Reflector
- ★ Applications : Roads, Highways, Yards lightings, Parkings, Railways & Govt. Building.

Product Code	Product Description	Lumen Output & CCT
SKE ST 024	20W - 24W	2880lm, 3500K~6000K
SKE ST 036	30W - 36W	4320lm, 3500K~6000K
SKE ST 045	42W - 48W	5760lm, 3500K~6000K
SKE ST 050	50W - 60W	6000lm, 3500K~6000K
SKE ST 075	70W - 75W	8640lm, 3500K~6000K
SKE ST 090	90W	10800lm
SKE ST 100	100W	12000lm
SKE ST 120	120W	14400lm

*lm - lumen, CCT - Correlated Color Temperature in Kelvin (K).

** 2 Years Manufacturer's Warranty.

LED Tri Proof Linear Light (IP65)



Description

- Input Voltage: 100-277Vac 50/60Hz
- Power: 20W/30W/40W/60W
- Up to 110lm/W
- CRI: >70 or 80, PF>0.95, THD<15%
- Calculated L70>50,000h @ Ta 25°C
- Work Temp.: -40~50°C (-40~122°F)
- **Warranty: 3 / 5 years limited**
- Hook w/chain mounting



Stainless steel mounting bracket, plastic plug and screws.

(300mm, 600mm, 900mm, 1200mm Length, 124mm width, 43mm thick)



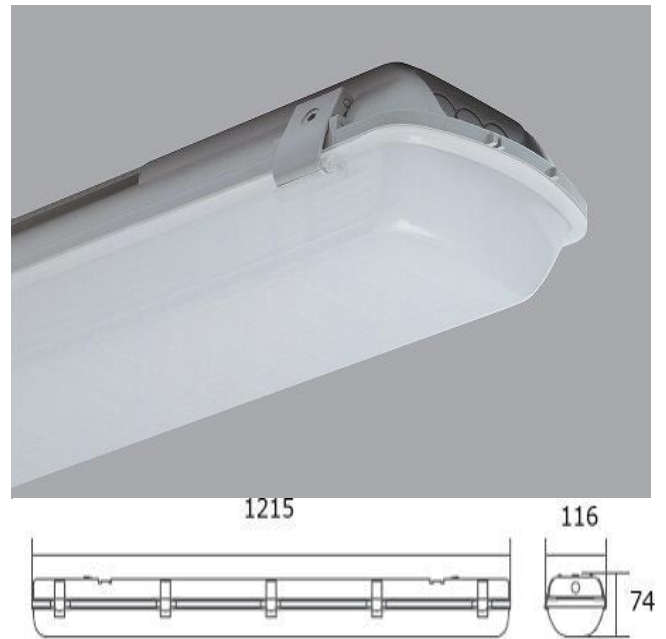
Model No	TRILIN10	TRILIN20	TRILIN30	TRILIN40
Wattage	10W	20W	30W	40W
Lumens	1100lm	2200lm	3300lm	4400lm
Lm/W Eff CRI	110lm / W & > 80 Ra			
CCT	3000K / 4000K / 5000K / 5700K			

*lm - lumen, CCT - Correlated Color Temperature in Kelvin (K).

LED Closed-Type Base Light (IP65)

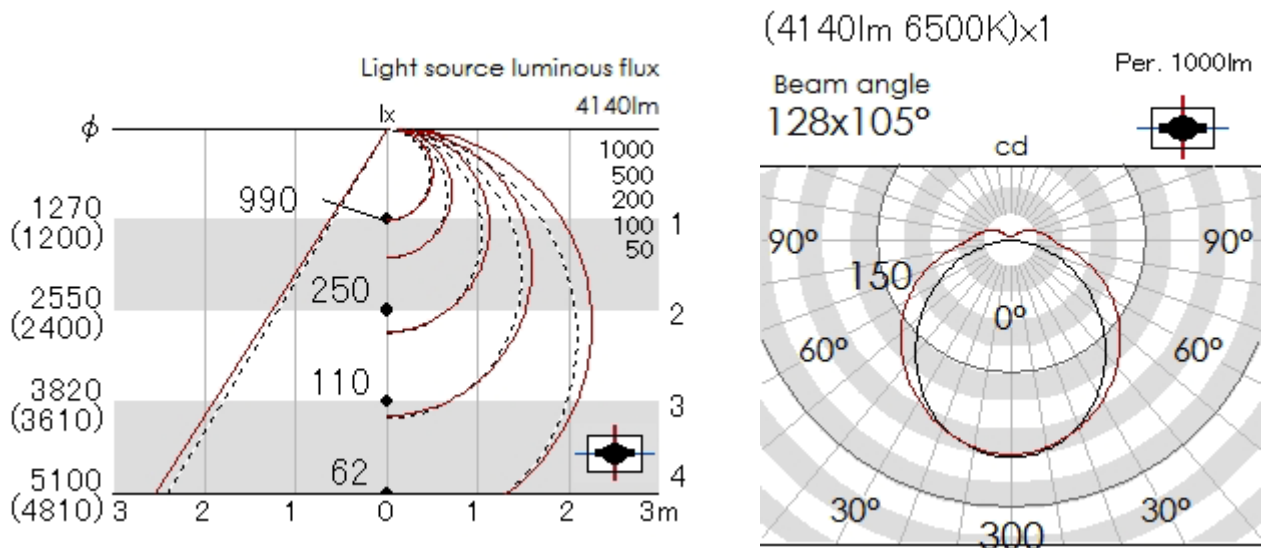
Description

- Weight 2.7 kg
- Body Polycarbonate
- Reflector coated metal plate
- Diffuser Polycarbonate
- IP Rating 65
- Color Temperature 6500K
- Color Rendering $80 \leq \text{CRI}$
- Luminous Flux 4140 lm
- Driver integrated
- Dimming Non-dimmable
- Operating Voltage AC220-240V
- Power Consumption 40W



(600mm, 900mm, 1200mm Length)

Light Distribution:



*lm - lumen, CCT - Correlated Color Temperature in Kelvin (K).

V-shape type LED TUBE

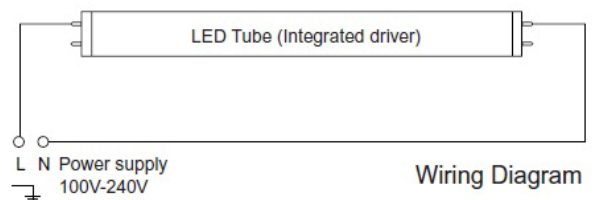


Description

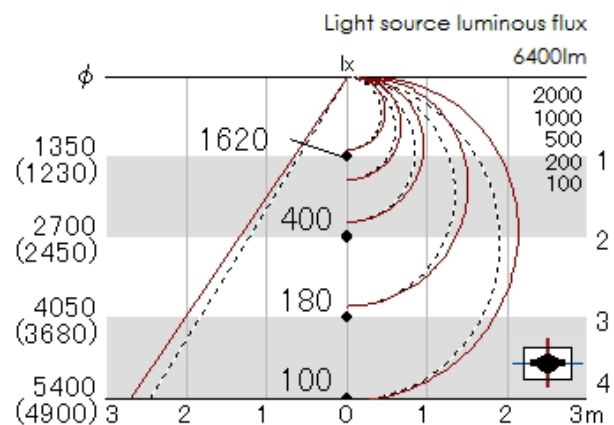
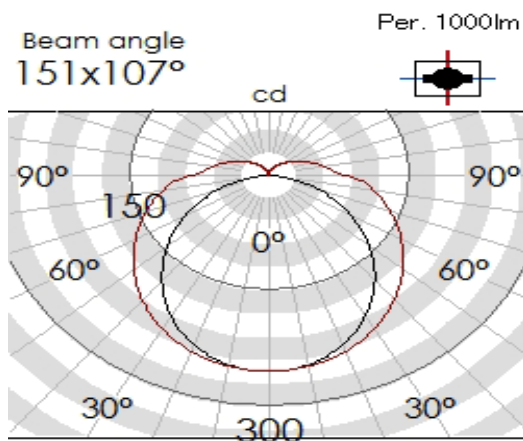
- Weight 3.8 kg
- Steel sheet thickness of 0.6 mm
- All metal parts are rust-proofed
- Epoxy polyester powder coating
- Weather-proof socket
- Spring load lamp holder
- Starter holder Rotary lock
- Wire: 0.75 sqmm. 70°C - 105°C

- Color Temperature 6500K
- Luminous Flux of the Fixture 6400 lm
- Integrated Driver
- Power Consumption (with Driver) 40.0W
- Operating Voltage AC220-240V

Wire Diagram



Light Distribution:



*lm - lumen, CCT - Correlated Color Temperature in Kelvin (K).

Surface Panel Lights

ROUND



LOI NSPTSF 3W



LOI NSPTSF 6W



LOI SFP 8W SLIM



LOI NSPTSF 12W

SQUARE



LOI NSPTSF 6W



LOI SFP 8W SLIM



LOI NSPTSF 12W

ROUND



LOI SFP 15W SLIM



LOI NSPTSF 18W



LOI NSPTSF 22W



LOI SFP 22W SLIM

SQUARE



LOI SFP 15W SLIM



LOI NSPTSF 18W



LOI NSPTSF 22W



LOI SFP 22W SLIM



SKEL SKEL SKEL



Slim Panel Lights



LOI NS DTF 7W



LOI NS DTF 16W



LOI NS DTF 24W



LOI NS DTF 32W



LOI JD1870 3+3 WH+WW



LOI JD1870 6+3 WH+WW



LOI JD1870 12+4 WH+WW



LOI JD1870 3+3 WH+BL



LOI JD1870 6+3 WH+BL



LOI JD1870 12+4 WH+BL



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Spot / Down Lights - SL



LOI LX555 3W



LOI LX555 6W



LOI LX555 9W



LOI LX555 16W



LOI LX555 24W



LOI LX555 30W



LOI LSP01 7W



LOI LSP01 12W



LOI LSP01 7W



LOI LSP01 12W



LOI LX 465 5W



LOI LX 465 12W



LOI LX 465 18W



LOI LY31 12W



Spot / Down Lights - SL



LOI RL COB 3W



LOI RL COB 6W



LOI RL COB 9W



LOI RL COB 16W



LOI RL COB 24W



LOI RL COB 30W



LOI RG 3W



LOI RG 6W



LOI RG 7W



LOI RG 12W



LOI S1004 7W



LOI S1004 12W



LOI S1004 20W



LOI S1004 30W



Skilled.com.in



Spot / Down Lights - SL



LOI LX955 3W



LOI LX955 6W



LOI MY 47 1W



LOI MY 47 1W



LOI MY 47 1W



LOI D2008 7W



LOI D2008 12W



LOI D2008 20W



LOI D2011 7W



LOI D2011 12W



LOI C3008 12W



Spot / Down Lights - SL



LOI NYA 1W



LOI NY 3W



LOI NYS 3W



LOI 10004 3W



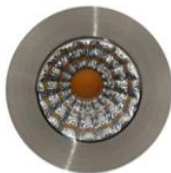
LOI 10005 3W



LOI 28001 3W



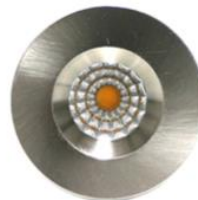
LOI LX 335 3W



LOI LX 121C 1W



LOI LX 121C 1W



LOI LX 121C 3W



LOI LX 121C 3W



LOI LX 441 1W



LOI LX 441 1W



AVAILABLE LIGHT COLORS

PINK | BLUE | GREEN | WHITE | WARM WHITE

LOI BUTTON 1W



Track Lights



LOI LX235WL 3W



LOI LX235WL 6W



LOI LX235WL 10W



LOI 16W



LOI 24W



LOI 30W



LOI 16W



LOI 24W



LOI LX135DR 16W



LOI 24W



Tube Light- TL



LOI T5 6W
(1 FEET)



LOI T5 12W
(2 FEET)



LOI T5 18W
(4 FEET)



LOI T5 20W
(4 FEET)



LOI T5 22W
(4 FEET)



LOI T5 24W
(4 FEET)



LOI T5 26W
(4 FEET)



LOI T8 12W
(2 FEET)



LOI T8 20W
(4 FEET)



LOI T8 36W
(4 FEET)



LOI T8 54W
(4 FEET)



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BULKHEAD - IP 54



LOI UC FC 001 9W



LOI UC FC 001 18W



LOI UC FC 002 9W



LOI UC FC 002 18W



LOI UC FC 003 15W



LOI UC FC 003 20W



LOI UC WL 001 18W



LOI UC WL 002 18W



LOI UC WL 003 18W



LOI UC WL 004 18W



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Path Light - IP54



LOI LX426SF 3W



LOI LX426SF 3W



LOI LX525SF 3W



LOI LX525SF 3W



LOI LX525SF 5W



LOI LX525SF 5W



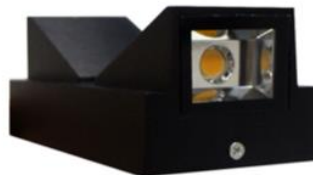
LOI LX525SF 6W



LOI LX525SF 6W



LOI W800/1 5W



LOI W800/2 10W



LOI FOURWAY 12W



SKEL By Hi-LiFE LED



Flat Panel Lights



LOI NSPT 24W(1X1)



LOI NSPT 30W(1X1)



LOI 36W(2X2)



LOI 48W(2X2)



LOI 48W(2X2) FRAME



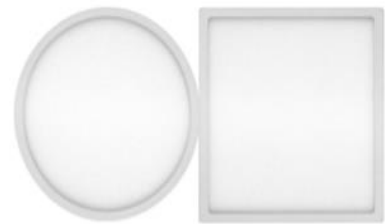
LOI SKY 48W(2X2)



LOI RLZTS 8W
(RIMLESS)



LOI RLZTS 15W
(RIMLESS)



LOI RLZTS 22W
(RIMLESS)



Terms and Conditions:

1. GST EXTRA AS APPLICABLE.
2. ALL PRICES ARE EX-FACTORY.
3. GOODS WILL BE DESPATCHED AFTER RECEIPT OF FULL PAYMENT.
4. PRICES CAN BE CHANGED WITHOUT ANY PRIOR INFORMATION.
5. ALL DISPUTES ARE SUBJECT TO CHENNAI JURISDICTION.

SHRI KAAMATCHI ELECTRICALS AND LIGHTINGS

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