

Quality First, Safety always and Environment a friend has been our Quality Policy since 28 years

This commitment has enabled NLC to be recognized by the most essential certification bodies in the lighting field around the Globe. Along with and Vendor approvals from every major entity in Saudi Arabia



NLC is an ESCO , we have the certification and ability to perform energy audits and savings



NLC has versions of LED products that are in compliance to the American Standard in Lighting published by UL – Underwriters Laboratories



NLC supplies LED products that are in compliance to the SASO - Saudi Arabian Standards Organization



We proudly announce that NLC has a strict Quality management system as we adhere to the latest version of the ISO 9001:2015



Environment is one of our primary objectives, as we are in compliant to Environment System published by the ISO 14001:2015. NLC is certified by the Presidency and Metrology of Saudi Arabia. We hereby commit on supply of only environment friendly products and making the world a greener place

NLC has vendor ID's and approval from Saudi Aramco, Royal Commission, Red Sea, Saudi Electric Company, SABIC, Municipalities and all Ministries



Tarshid Project

Tarshid project - Najran
Tarshid Project - Arrar & Rafha
Tarshid Project - Al Baha
Tarshid Project - Tabuk
Tarshid Project - Jubail

Aramco Projects

Aramco Wasit ISF Project
KAPSARC Project
Manifa Gas Plant
Tanajib Gas Plant
Shaybah Gas Plant
Yanbu Export Refinery
Medral Building - Dhahran
Thouwal Development Tower
Dhahran Medical Centre
VIP Houses - Dhahran
Dhahran National School
Abqaiq Medical Clinics
Berri Gas Plant
ACA Facilities NGL Recovery Plant
Udiliyah Buildings
Uthmaniya GOSP
Madinah Bulk plant
Dhahran Housing Package 1 to 7
Khursaniyah Production Facilities
Qurrayah Sea Water Plant
Jebel Dinning Recreation complex - Udaliyah
Wellcore Facility - Dhahran
Emergency Response Complex ERC - Jizan
Yanbu Distribution Hub in Plant
Aramco Road STP - Jizan
JRTE - Jizan Refinery Tank Farm
70 Villas Udaliyah - Rashed Contracting
UOSP Petrohigh Project

EPC Projects

Maaden Rolling Mill - Samsung
Shaiba NGL Package - Samsung
WASIT CO-GEN Steam Plant -Aramco
Thama Cogeneration plant
STBLOP Processing Lube
ISF WASI GAS PLANT
Fadhli Gas plant - Petrofac
Fadhli Gas plant - Nesma
Yanbu Power & Desalination plant
Rabigh IPP-2 Substation
Marafiq Package 5 & 6
Qurrayah Co Generation Power Plant
Shuqaiq Steam Power Plant
Yanbu phase 2 - Water Desalination plant
Jizan Water Treatment Plant - SWCC
Jizan North & South Tank Terminal
AZN North Kuwait - Water Plant
Rabigh 2 Common utilities
Dahreen Port Expansion
Manifa Co Generation Gas plant

Governmental Projects

Dammam Airport LED Street Lights
GOSI Training Colleges - Hako, Jazah, Shnan, Samtha
Public Security - Riyadh Gym, Tabouk Gym, Jizan Admin
Ministry of Civil Affairs Offices - Qasim, Abha, Najran, Taif, Arrar, Baha, Hafr Batin, Jizan
Ministry of Information - Dual Radio TV station - Jizan, Tabouk, Hail
Ministry of Defence - Riyadh Training Centre,
Ministry of Defence - King Saud Military Base
Ministry of Defence - Hareeq Project (building 1&2)
Ministry of Defence - Schools
Ministry of Defence Riyadh - 1 Patriot
Ministry of Defence - Armed Forces Hospital - Kharj
Ministry of Defence - Armed Forces Hospital - Jeddah
Ministry of Defence - Armed Forces Hospital - Tabouk
Ministry of Defence - Armed Forces Hospital - Qassim
Ministry of Defence - Housing - Hafr Al Batin
Ministry of Defence - Military Hospital - Riyadh
Ministry of Defence - King Abdul-Aziz Air Base - Dhahran
Ministry of Defence - Tactical Training Centre - Bisha
Ministry of Defence - AL Jazirah Forces Head Quarters
Ministry of Defence - Facilities Security Training Centre
Ministry of Defence - Nairiyah Stage 2
Ministry of Defence - 66 - SFBC Facilities for special forces Battalion camp - Tabouk
Ministry of Interior - Special Forces Centre - Riyadh
Ministry of Interior - Social Care Centre - Riyadh & Jeddah
Ministry of Interior - KAP 2A Riyadh , KAP 2B Hail, KAP 2B Tabouk, KAP 2B Qasim ,KAP 2B Jouf - KAP 4
Ministry of Interior - Police Station - AL Madinah
Ministry of Interior - Training Centre - Riyadh
Ministry of Interior - Governate Building - Alhareeq, Jeddah, Majmah, Jizan, Afif
Ministry of Interior - Jizan & Tabouk Jails
Ministry of Interior - Al Ihsa Municipality
Ministry of Interior - Drug Enforcement Building
Ministry of Interior - South Border Housing & Ancillary Buildings
Ministry of Water - Drainage System 1/55
Ministry of Water - SWCC Tower - Khobar
Ministry of Education - Bisha University
Ministry of Education - KFUPM University
Ministry of Education - King Saud University
Ministry of Education - King Fahd Armed Forces Hospital
Ministry of Education - Jeddah & Makkah 40 Schools
Ministry of Health - Ras Tanura Hospital
Ministry of Health - IHSA Mental Hospital
Ministry of Health - King Fahd Educational Hospital
Ministry of Health - North Jeddah 500 Bed Hospital
Ministry of Health - Hail General Hospital
Ministry of Health - Sabt Al-Alaya Hospital
Ministry of Health - 420 Clinics around the KSA
Ministry of Health - Arrar Hospital
Ministry of Finance - General Control Bureau Branch in in Tabouk, Madeena, Qaseem and Al Baha
National Guard Family Compound - Thouwal



International Projects

DOHA Airport - QATAR
Dubai Toy Town - UAE
Basra Road Lighting - IRAQ
US Military Camp KBR - KUWAIT
AL Zakra Hospital - Jordan
MADABA University - Jordan
Prince Naif Hospital - Algeria

Royal Commission

C20 - Jalmudah Housing
C01, C02, C03, C04 - Jalmudah Housing
C05, C08, C09, C10, Jalmudah Housing
JIC & JTI Staff Housing
P&C Women Welfare Social Services
Jubail Technical Institute
Passport Building - Jubail
Admin O & M Centre- Jubail
C17 - Imam Assem Schools - Jubail
Fire Station - Jalmudah
Multi Event Centre - Jubail
C01 - Transportation Centre - Jubail
P&C Friday Mosque - Jubail
Jubail Girls College - Jubail
Jubail Girls School - Jubail
Coast Guard Building - Dahreen
JIC Academic Building - Jubail
Rehabilitation C/O - Jubail
Jubail Industrial College
JIC & JTI Site Development
Al Fanateer Hospital
School for Children Special Needs - Jubail
RC Kindergarten 621 - C20
RC Recreation Centre - Jubail
691-C19 - O&M Centre
C25 & C26 - RC Housing Kifah - Jubail
RC Rehabilitation Security - Jubail
RC Yanbu Villas - Yanbu
RC Yanbu Sahara Tower - Yanbu
Doctors Housing - Yanbu
C11 - Royal Commission Hospital LED - Jubail
RC Labour Housing - Yanbu
PIC F-T-8176 & 8148 - RC Housing - Yanbu
RC Schools - GEC - Yanbu
YTI Expansion - Yanbu

Saudi Electric Company

Tihama Power Plant (Shedgum, Ju'aymah, Uthmaniya
Ghazlan Power plants
RAFHA Power Plant # 2 - Rafha
SCECO Warehouse - Dammam
SEC Head Office - Dammam
Qurrayah BSP 230 KV
DUBA Integrated DUBA Green Solar Plant
Maritime RAS Al Khair Substation
Substations 13. KV - Haramain-Makkah & Tarut &
Najran North & Industrial City - Dammam & Makkah
North & Qurrayah & AL Kharj
Substations AL Sail Road, Layla PV Plant, Al Haram
Road, Osailia

SABIC Projects

SABIC Preform Plant- Makkah
Hadeed New Admin Building - Jubail
SABIC Admin Building- Jubail
SABIC Housing 523 Villas - Jubail
Polyester Epoxy Resis Plant - Jubail
74 Story Houses - Ras AL Fanateer
SABIC villas 183 Villas - Jubail
SAFCO Housing - Jubail
SABIC Beach Camp Phase 1 & 2 - Jubail
Al Razi Beach Camp - Jubail
Substations AL Sail Road, Layla PV Plant, Al Haram Road,
Osailia

Other Remarkable References

RTC - Riyadh Telecommunication Building - Riyadh
Al Magrabi Hospital -Riyadh
Mouwassat Hospital - Dmm, Jubail, Khobar, Yanbu
SAAD Hospital - Khobar
Saudi German Hospital - Jeddah
Pro Care Hospital - Khobar
Shorouq AL-Hada Hospital - Dhahran
Intercontinental Hotel - AL Ihsa
Hilton Hotel - Jeddah
Sheraton Hotel - Dammam
Mawadah Hotel - Jeddah
KAP SARC LED Street Lighting - Riyadh
Index Compound - Jubail
SAAD Schools - Khobar
King Abdallah KAUST - Thouwal
Najran Cement Plant - Najran
Uncoil Project - Jubail
Saudi Polyolefin Project SPC PDH - Jubail
Advanced Polypropylene (AAPC) - Jubail
TASNEE Ethylene Project - Jubail
JANA WP1 - Jubail
SPARK Substation - IHSA
NEOM Bay Airport- Tabouk
NEOM Royal Palace - Neom
SASREF Beach Camp - Jubail
Al Jouf University - AL Jouf
SEC Data Centre - Dammam
RED Sea Landscape Nursery - Jeddah
STC Branches - All Over Kingdom
Proctor & Gamble - Tide Factory - Dammam
Al Majdouie Offices & Community Centre - Jubail
Al Ihsa Women Driving Centre
Petrokemya Motor House
KAUST New Student Housing - Thouwal
Retrofitting LED Street Light KAUST -Thouwal
TBC - 5 Riyadh Schools
TBC - Makkah Schools
Aquat Food Industries Factory - Jeddah
Prince Naif Kidney Centre
Baby Wipes Project Saudi Al Bitek
IPA Project - First Gulf - Riyadh



PL SERIES



PL-01 6



PL-02 7



PL-03 8

SM SERIES



SM-01 10



SM-02 11



SM-03 12



SM-04 13



SM-05 14



SM-06 15



SM-07 16



SM-08 17

DL SERIES



DL-01 19



DL-02 20



DL-03 21



DL-04 22



DL-05 23

AR SERIES



2835 25



AR-02 26



AR-03 27



AR-04 28

EM SERIES



LX-740 30



EM-02 31



RX 32



GR-939 33



GVEX 34



L650 35

OT SERIES



OT-01 37



OT-02 38

OT SERIES



OT-03 39



OT-04 40



OT-05 41



OT-06 42



OT-07 43



OT-08 44



OT-09 45



OT-10 46

WP & FL SERIES



WP-01 48



WP-02 49



L62 50



L63 51



L64 52



L81 53



T150 54



L900 55

EX SERIES



MHD2 57



SAFJ 58



SAF Hi 59



LHFL 60



XML 61

ST SERIES



L87 63



IP 64



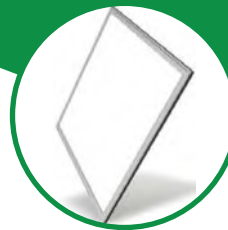
L88 65



Environment friendly product that is free of any hazardous materials

Panel Lights

PL Series



Environment friendly product that is free of any hazardous materials

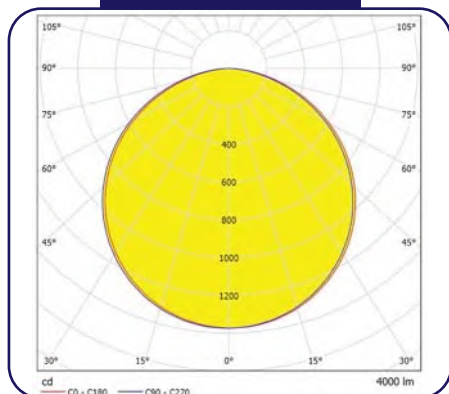




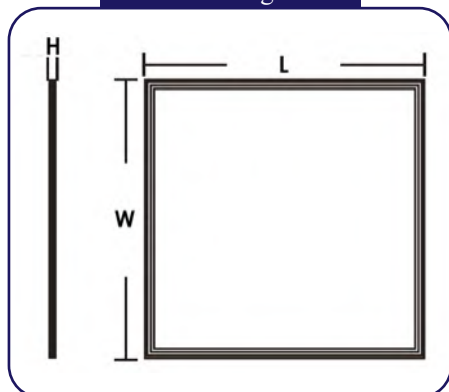
PL Series

PL-01

Photometric Data



Drawing



Applications

Indoor - Office, Clinic, Class room, Corridor,
Kitchen, Retail shop

Mounting

Recessed - False Ceiling

THD

< 10

Power Factor

0.95

Housing

Die Cast Aluminum

Diffuser

PMMA

Internal Protection

IP 44

Impact Strength

IK 05

Weight

2.5 - 6 Kg

Efficacy

106 Lumens / Watt

Working Temp (ta)

50°C

Warranty

5 Years

Life Time

50,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

IP 54

Surface, Gypsum, Pendant



Model	Power	SIZE (L x W x H)	Lumen	Voltage	CCT	Beam Angle
PL-01	30W	30 x 120 x 1.1 cm	3180 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	110°
	40W	60 x 60 x 1.1 cm	4240 LM			
	50W	60 x 120 x 1.1 cm	5300 LM			
	60W		6360 LM			
	72W		7632 LM			





PL Series

PL-02

Applications Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop

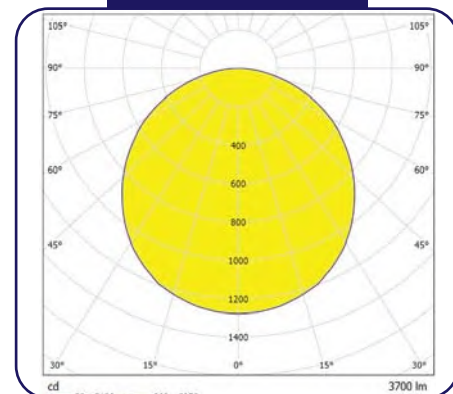
Mounting	Recessed - False Ceiling
THD	< 10
Power Factor	0.96
Housing	Iron phosphated steel
Diffuser	PMMA
Internal Protection	IP 44
Impact Strength	IK 05
Weight	5.2 - 8.7 Kg
Efficacy	135 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological



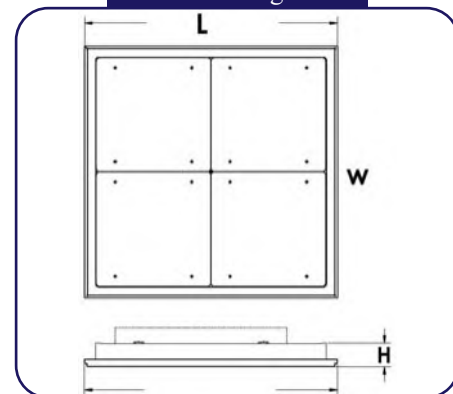
Other Options Emergency Backup - 3 Hr
Dimming 0-10V
Dali Interface
IP 65
Surface or Pendant Mounted
Flexible Size
Air plenum rated
Hygenic Locations



Photometric Data



Drawing



Model	Power	Size(L x W x H)	Lumen	Voltage	CCT	Beam Angle
PL-02	30W	30 x 120 x 5.6 cm	4050 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	110°
	45W	60 x 60 x 5.6 cm	6075 LM			
	58W		7830 LM			
	75W	60 x 120 x 5.6 cm	10125 LM			
	90W		12150 LM			

Environment friendly product that is free of any hazardous materials

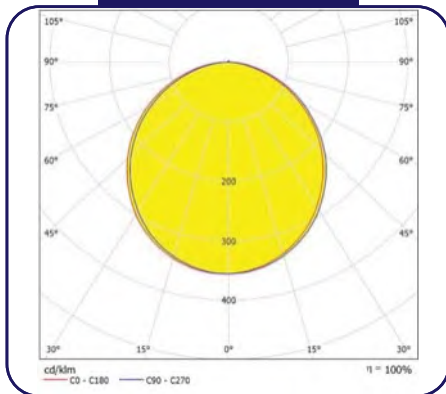




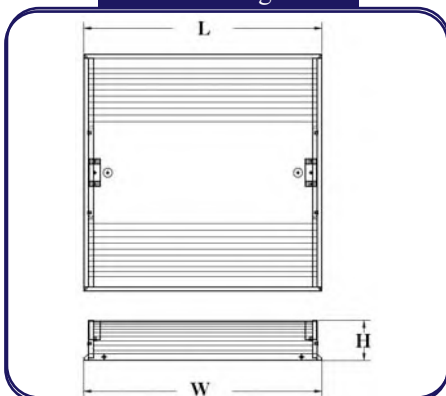
PL Series

PL-03

Photometric Data



Drawing



Applications

Indoor - Office, Clinic, Class room, Corridor,
Kitchen, Retail shop

Mounting

Recessed - False Ceiling

THD

< 10

Power Factor

0.96

Housing

Iron phosphated steel

Diffuser

PMMA

Internal Protection

IP 20

Impact Strength

IK 05

Weight

5.2 - 8.7 Kg

Efficacy

110 Lumens / Watt

Working Temp (ta)

50°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Flexible Size

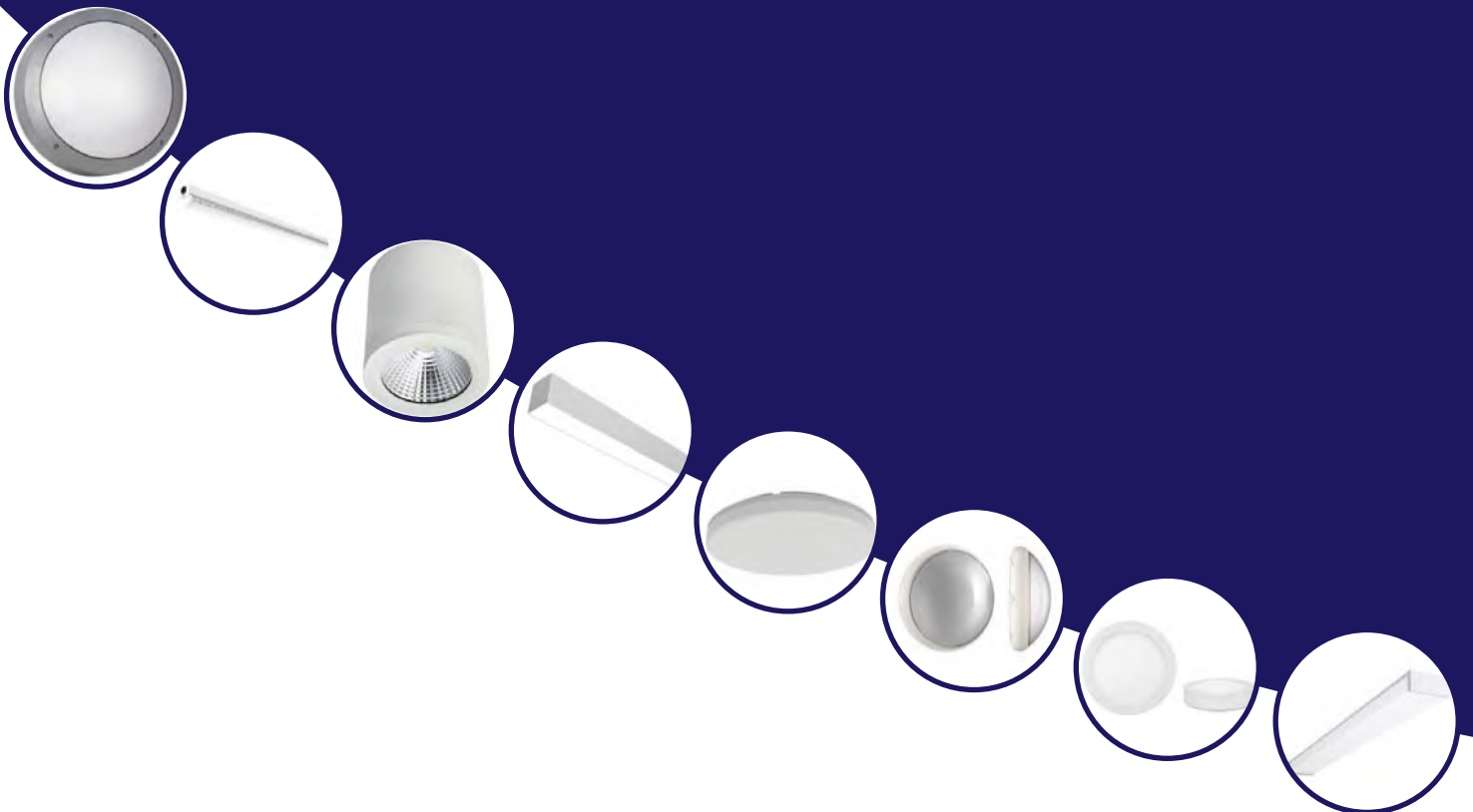


Model	Power	Size(L x W x H)	Lumen	Voltage	CCT	Beam Angle
PL-03	40W	60 x 60 x 10 cm	4400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	110°
	60W		6600 LM		4000K	
	80W	60 x 120 x 10 cm	8800 LM		6000K	



Surface Lights

SM Series



Environment friendly product that is free of any hazardous materials

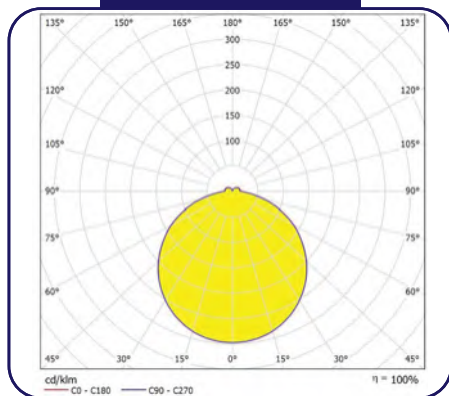




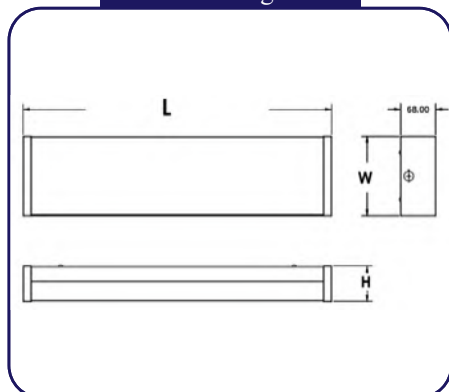
SM Series

SM-01

Photometric Data



Drawing



Applications

Indoor - Office, Clinic, Class room, Corridor,
Kitchen, Retail shop, Workshop

Mounting

Surface

THD

< 10

Power Factor

0.95

Housing

Iron phosphated steel

Diffuser

PMMA

Internal Protection

IP 23

Impact Strength

IK 05

Weight

2.1 - 3.5 Kg

Efficacy

100 Lumens / Watt

Working Temp (ta)

50°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

IP 44

Wall or Pendant Mounted

Flexible Size



Model	Power	Size(L x W x H)	Lumen	Voltage	CCT	Beam Angle
SM-01	20W	60 x 15 x 6.5 cm	2000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6000K	120°
	37W	120 x 15 x 6.5 cm	3700 LM			
	55W		5500 LM			
	70W		7000 LM			





SM Series

SM-02

Applications Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop, Stair case

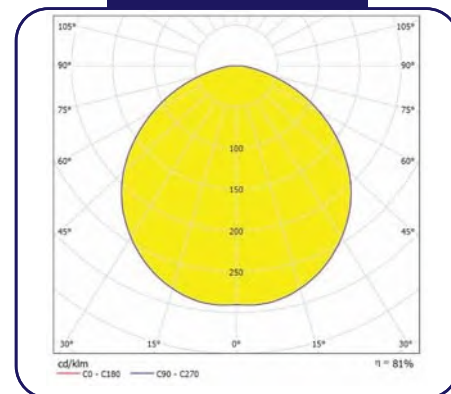
Mounting	Surface
THD	< 10
Power Factor	0.95
Housing	Die-cast aluminum
Diffuser	PMMA
Internal Protection	IP 20
Impact Strength	IK 04
Weight	0.6 - 1.1 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	50,000 Hours
CRI	> 80
Certification	SASO 2902 LM79, ISTMT, TM21 Photobiological



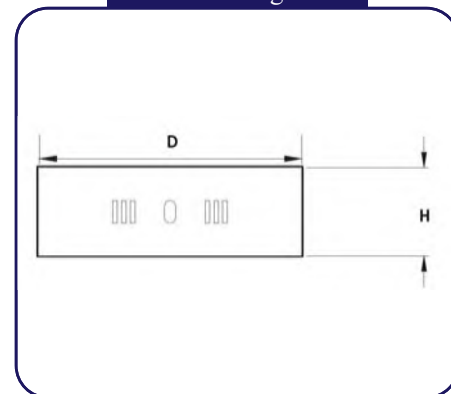
Other Options Emergency Backup - 3 Hr
Dimming 0-10V
Dali Interface
Square shape



Photometric Data



Drawing



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
SM-02	12W	Φ120 x 38mm	1200 LM	220-240V/50/60Hz 110-277V/ 50/60Hz 125VDC	3000K	120°
	20W	Φ170 x 38 mm	2000 LM		4000K	
	25W	Φ225 x 38 mm	2500 LM		6000K	
	30W	Φ300 x 38 mm	3000 LM			



Environment friendly product that is free of any hazardous materials

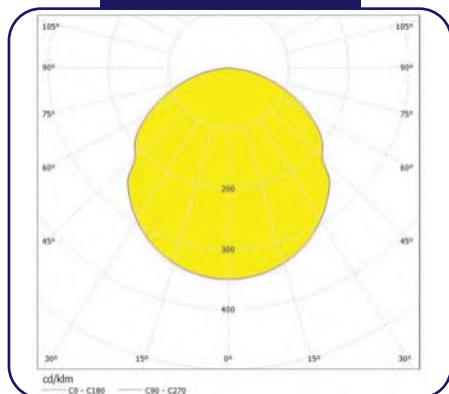




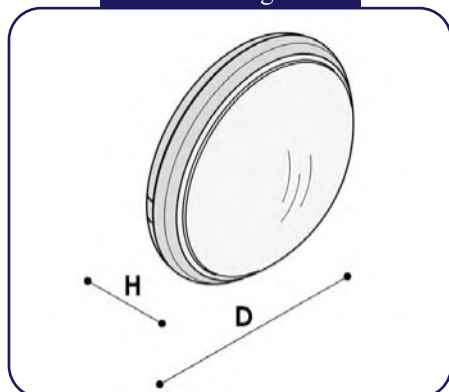
SM Series

SM-03

Photometric Data



Drawing



Applications

Indoor / Outdoor - Corridor, Kitchen, Retail shop, Stair case, Canopy, Bulkhead

Mounting

Surface

THD

< 10

Power Factor

0.95

Housing

Reinforced Polycarbonate

Diffuser

PMMA Opal

Internal Protection

IP 65

Impact Strength

IK 06

Weight

1.4 Kg

Efficacy

100 Lumens / Watt

Working Temp (ta)

55°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Wall Mounted



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
SM-03	15W	260 x 102 mm	1500 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K	120°
	22W		2200 LM			
	30W		3000 LM			





SM Series

SM-04

Applications Indoor - Office, Clinic, Class room, Corridor,
Kitchen, Retail shop, Stair case, Bedroom

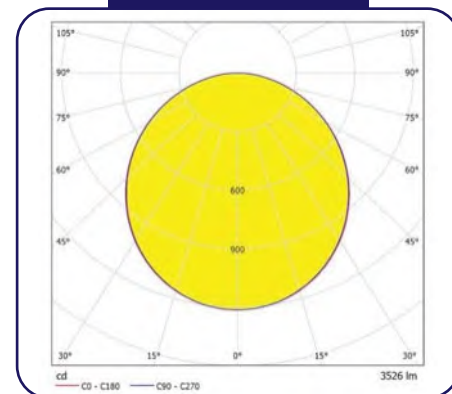
Mounting	Surface
THD	< 10
Power Factor	0.95
Housing	Polycarbonate
Diffuser	PMMA
Internal Protection	IP 65
Impact Strength	IK 10
Weight	0.9 - 1.3 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	50,000 Hours
CRI	> 80
Certification	SASO 2902 LM79, ISTMT, TM21 Photobiological



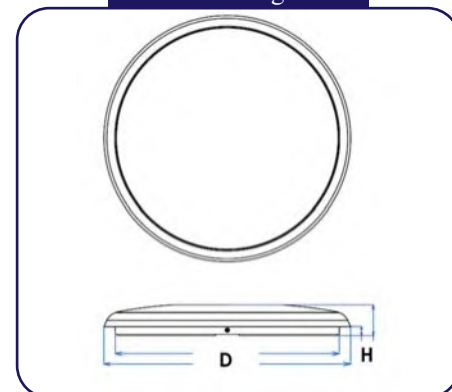
Other Options Emergency Backup - 3 Hr
Dimming 0-10V
Dali Interface
Wall Mounted



Photometric Data



Drawing



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
SM-04	18W	Φ220 x 50 mm	1800LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	24W	Φ280 x 50 mm	2400 LM		4000K	
	28W	Φ330 x 50 mm	2800 LM		5000K	

Environment friendly product that is free of any hazardous materials

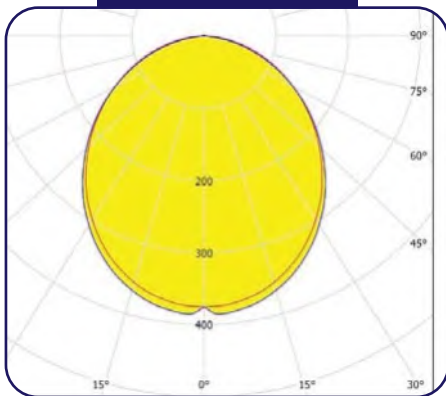




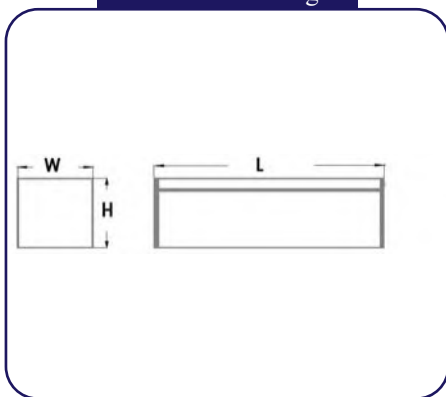
SM Series

SM-05

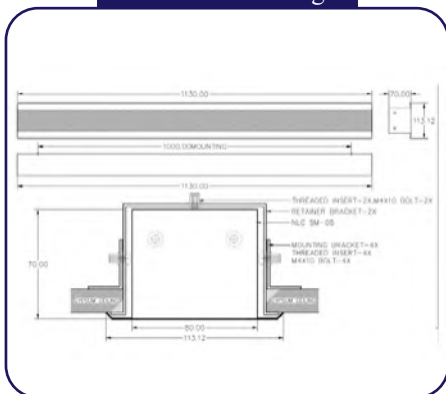
Photometric Data



Surface Drawing



Recessed Drawing



Applications

Indoor - Office, Clinic, Class room, Corridor,
Kitchen, Retail shop

Mounting	Surface
THD	< 10
Power Factor	0.95
Housing	Iron phosphated steel
Diffuser	PMMA
Internal Protection	IP 44
Impact Strength	IK 06
Weight	1.8 - 3.9 Kg
Efficacy	110 Lumens / Watt
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80

Certification

SASO 2902
UL Listed
LM79, ISTMT, TM21
Photobiological



Other Options

Emergency Backup - 3 Hr
Dimming 0-10V
Dali Interface
Pendant Mounted
Flexible Size
Continuous Linear
IP 65
Recessed Mounted



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
SM-05	15W	600 x 68 x 80 mm	1650 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	30W	1200 x 68 x 80 mm	3300 LM		4000K	
	40W		4400 LM		6500K	
	50W		5500 LM			





SM Series

SM-06

Applications Indoor - Corridor, Kitchen, Retail shop, Stair case, Canopy, Diners

Mounting	Surface
THD	< 10
Power Factor	0.95
Housing	Die Cast Aluminum
Diffuser	Clear Glass
Internal Protection	IP 20
Impact Strength	IK 04
Weight	2.1 - 4.7 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	50,000 Hours
CRI	> 80

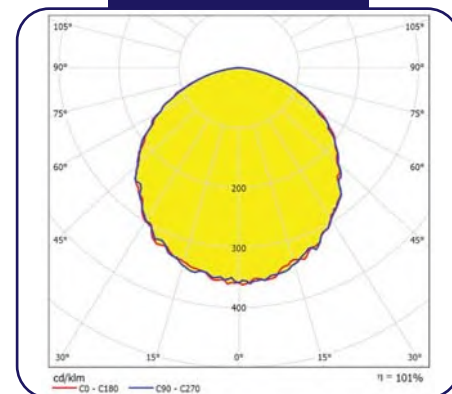
Certification SASO 2902
UL Listed
LM79, ISTMT, TM21
Photobiological



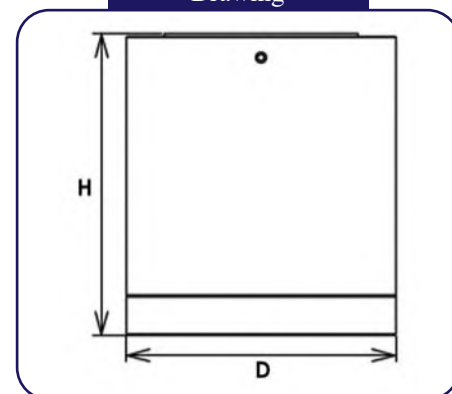
Other Options Emergency Backup - 3 Hr
Dimming 0-10V
Dali Interface



Photometric Data



Drawing



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
SM-06	9W	Ø90 x 90 mm	900 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6500K	60°
	15W	Ø130 x 160 mm	1500 LM			
	25W	Ø170 x 190 mm	2500 LM			
	35W	Ø200 x 200 mm	3500 LM			

Environment friendly product that is free of any hazardous materials

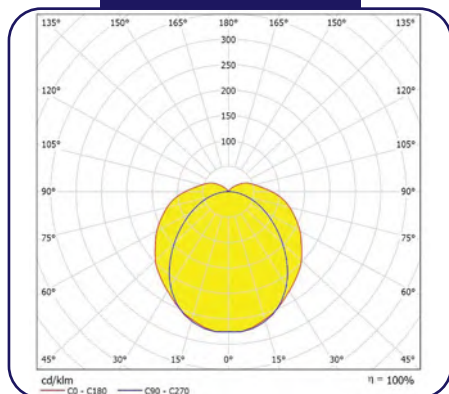




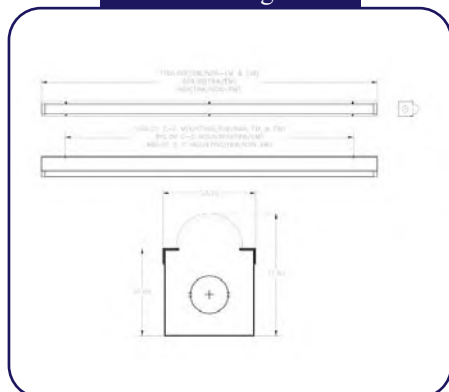
SM Series

SM-07

Photometric Data



Drawing



Applications

Indoor - Office, Clinic, Class room, Corridor,
Kitchen, Retail shop, Workshop

Mounting

Surface

THD

< 10

Power Factor

0.95

Housing

Iron phosphated steel

Diffuser

PMMA

Internal Protection

IP 20

Impact Strength

IK 04

Weight

1.2 - 2.7 Kg

Efficacy

110 Lumens / Watt

Working Temp (ta)

60°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Pendant Mounted

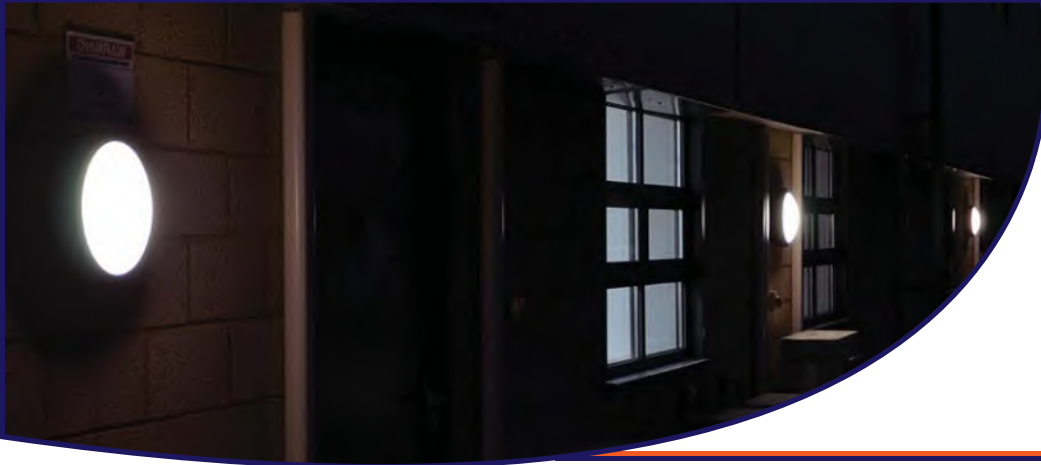
Flexible Size

Continuous Linear



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
SM-07	10W	604 x 54 x 72 mm	1100 LM	220-240V/50/60Hz	3000K	120°
	20W	1165 x 54 x 72 mm	2200 LM		4000K	
	37W		4070 LM	110-277V/ 50/60Hz	6500K	





SM Series

SM-08

Applications Indoor / Outdoor - Corridor, Kitchen, Retail shop, Stair case, Canopy, Bulkhead

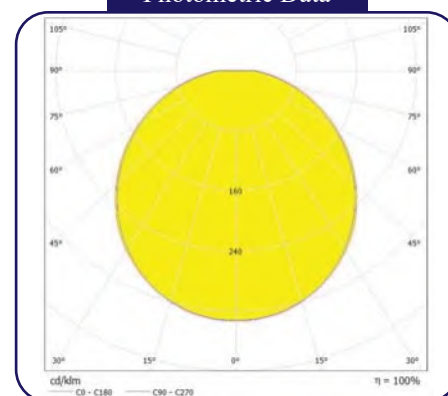
Mounting	Surface
THD	< 10
Power Factor	0.95
Housing	Die cast aluminum
Diffuser	PMMA Opal
Internal Protection	IP 65
Impact Strength	IK 06
Weight	1.4 Kg
Efficacy	105 Lumens / Watt
WorkingTemp (ta)	55°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological



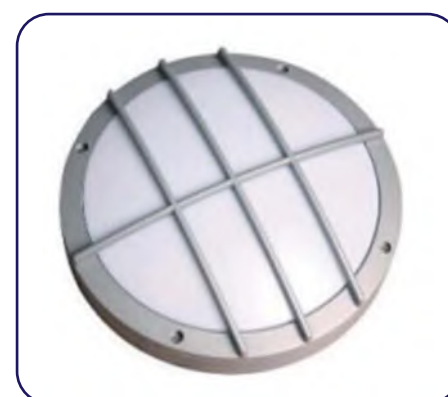
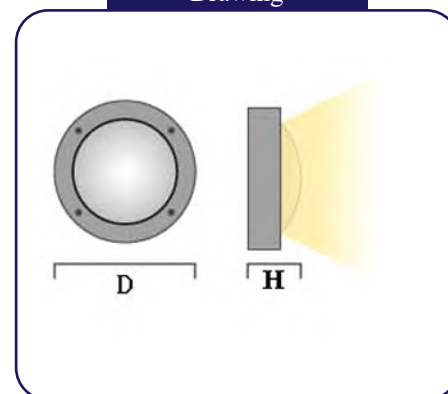
Other Options Emergency Backup - 3 Hr
Dimming 0-10V
Dali Interface
Wall Mounted
Wire Guard



Photometric Data



Drawing



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
SM-08	15W	280 x 102 mm	1575 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K	120°
	22W		2310 LM			
	30W		3150 LM			

Environment friendly product that is free of any hazardous materials



Downlights

DL Series












DL Series

DL-01

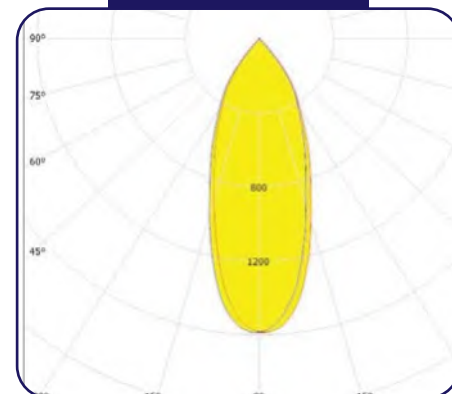
Applications Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop, Showroom

Mounting	Recessed
THD	< 10
Power Factor	0.95
Housing	Aluminum
Diffuser	PMMA Opal
Internal Protection	IP 44
Impact Strength	IK 03
Weight	0.3 - 0.7 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80

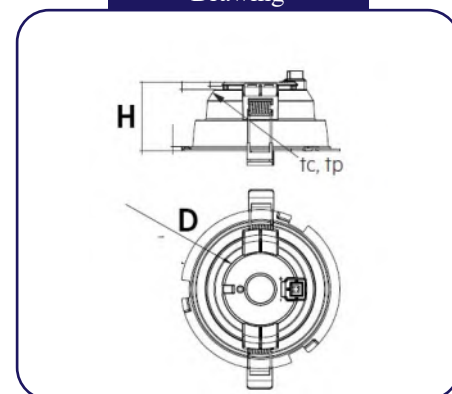
Certification	SASO 2902	
	UL Listed	
	LM79, ISTMT, TM21	
	Photobiological	

Other Options	Emergency Backup - 3 Hr	
	Dimming 0-10V	
	Dali Interface	
	IP 20 - Reflector	

Photometric Data



Drawing



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
DL-01	10W	100 x 97 mm	1000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	60° 90°
	20W	150 x 128 mm	2000 LM		4000K	
	30W	200 x 149 mm	3000 LM			

Environment friendly product that is free of any hazardous materials

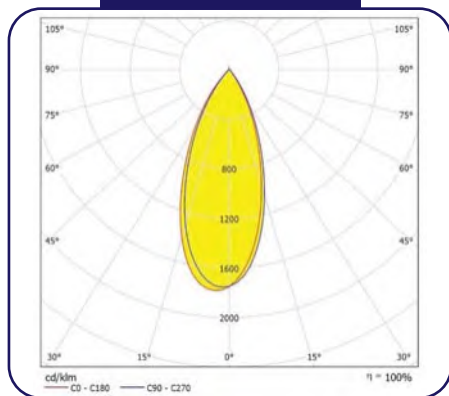




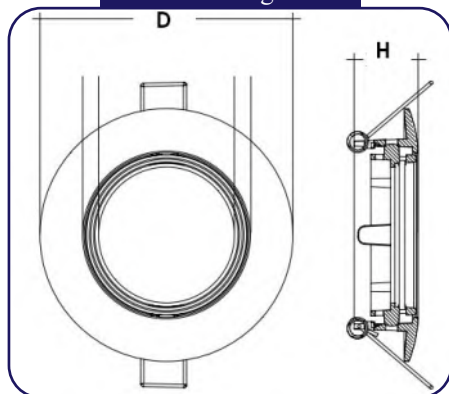
DL Series

DL-02

Photometric Data



Drawing



Adjustable

IP 65

Applications

Indoor - Office, Clinic, Class room, Corridor,
Kitchen, Retail shop, Showroom, Bedroom

Mounting

Recessed

THD

< 10

Power Factor

0.95

Housing

Die-cast aluminium

Internal Protection

IP 20

Impact Strength

IK 03

Weight

0.4 -0.8 Kg

Efficacy

100 Lumens / Watt

Working Temp (ta)

50°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

IP 65



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
DL-02	6W	90 x 75 mm	600 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K	24° 36°
	9W		900 LM			
	12W		1200 LM			



Environment friendly product that is free of any hazardous materials



DL Series

DL-03

Applications Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop, Showroom, Toilet

Mounting	Recessed
THD	< 10
Power Factor	0.95
Housing	Die-cast aluminium
Diffuser	PMMA
Internal Protection	IP 54
Impact Strength	IK 05
Weight	0.8 - 1.2 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	60,000 Hours
CRI	> 80

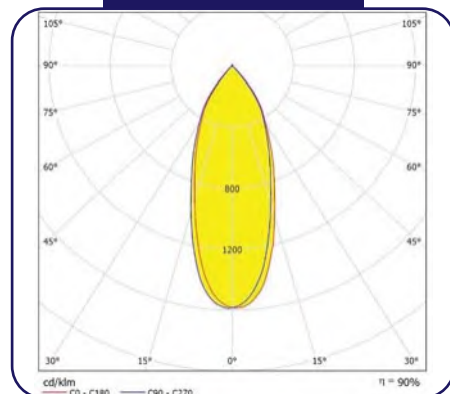
Certification SASO 2902
UL Listed
LM79, ISTMT, TM21
Photobiological



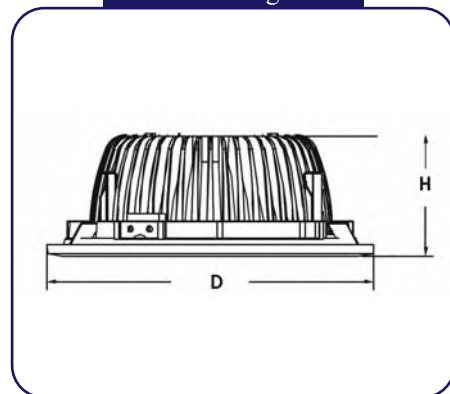
Other Options Emergency Backup - 3 Hr
Dimming 0-10V
Dali Interface
Square option



Photometric Data



Drawing



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
DL-03	14W	140 x 45 mm	1400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	90°
	25W	170 x 47 mm	2500 LM		4000K	
	35W	225 x 47 mm	3500 LM		6000K	
	50W		5000LM			

Environment friendly product that is free of any hazardous materials





DL-04

A technical drawing of a dome-shaped structure, likely a ventilation hood or a similar industrial component. The drawing shows a cross-section of the dome, which is supported by a rectangular base. The base has a width labeled 'D' and a height labeled 'H'. The dome itself has a curved, ribbed surface. The drawing is a line drawing with no shading.

Indoor - Office, Clinic, Workshop, Corridor,
Kitchen, Retail shop, Showroom, Toilet



Environment friendly product that is free of any hazardous materials



DL Series

DL-05

Applications Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop, Showroom, Toilet

Mounting	Recessed
THD	< 10
Power Factor	0.95
Housing	Die-cast aluminium
Diffuser	PMMA
Internal Protection	IP 54
Impact Strength	IK 05
aWeight	0.8 - 1.2 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	60,000 Hours
CRI	> 80

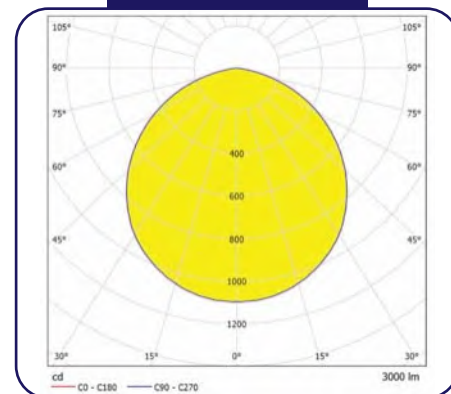
Certification SASO 2902
UL Listed
LM79, ISTMT, TM21
Photobiological



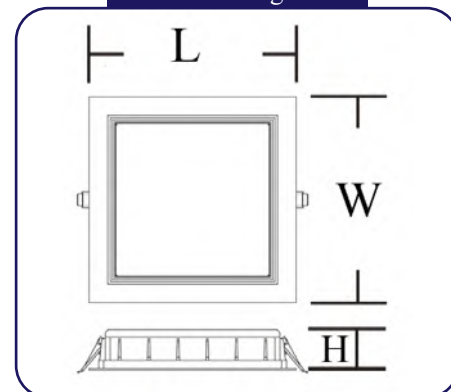
Other Options Emergency Backup - 3 Hr
Dimming 0-10V
Dali Interface



Photometric Data



Drawing



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
DL-05	10W	90 x 90 x 35 mm	1000 LM	220-240V/50/60Hz	3000K	90°
	20W	140 x 140 x 43 mm	2000 LM	110-277V/ 50/60Hz	4000K	
	30W	220 x 220 x 46 mm	3000 LM		6000K	

Environment friendly product that is free of any hazardous materials



Decorative Lights

AR Series





2835

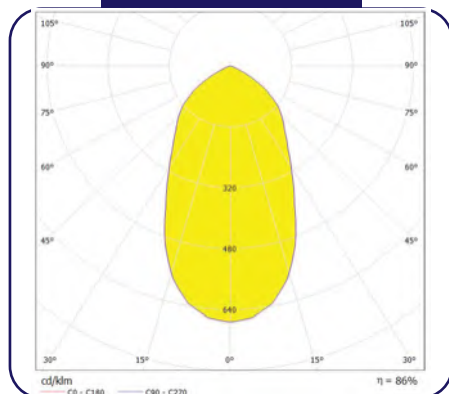
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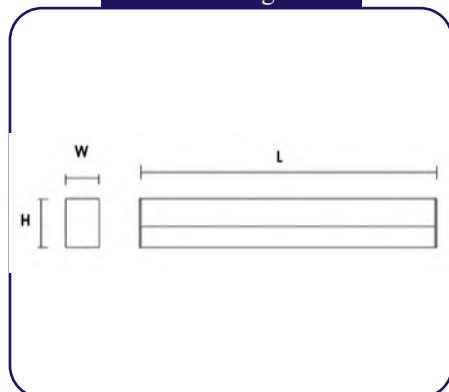
AR Series

AR-02

Photometric Data



Drawing



Applications

Indoor - Toilet, Clinic, Kitchen, Barber shop,
Door top

Mounting

Wall

THD

< 10

Power Factor

0.95

Housing

Stainless steel

Diffuser

PMMA

Internal Protection

IP 44

Impact Strength

IK 06

Weight

0.9 - 1.9 Kg

Efficacy

100 Lumens / Watt

Working Temp (ta)

50°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

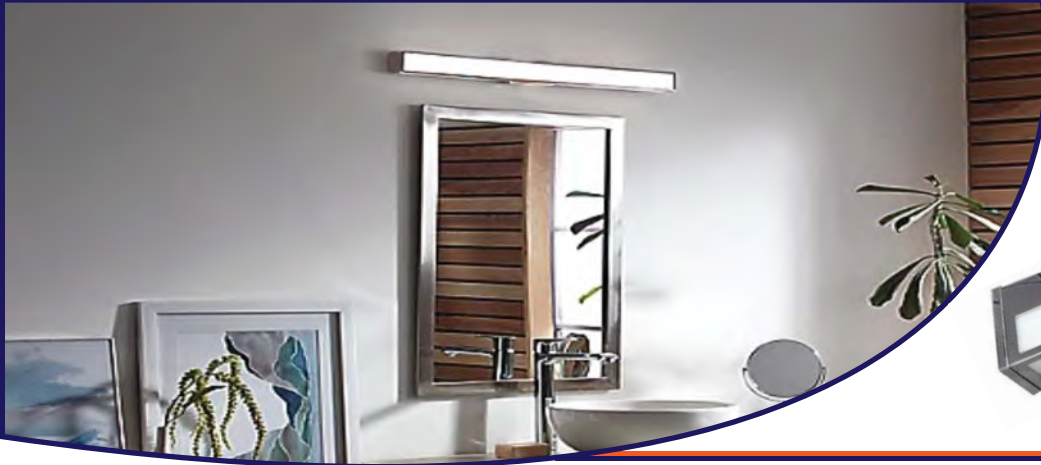
Dimming 0-10V

Flexible Size



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
AR-02	12W	581 x 50 x 70mm	1200 LM	220-240V/50/60Hz	3000K	110°
	24W	1141 x 50 x 70mm	2400 LM	110-277V/ 50/60Hz	4000K 6000K	





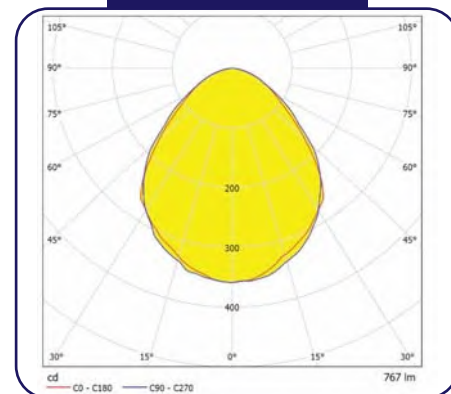
AR Series

AR-03

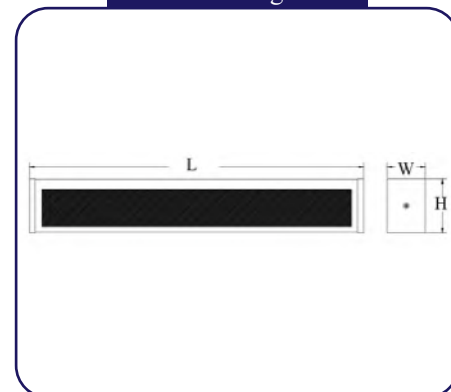
Applications	Indoor - Toilet, Clinic, Kitchen, Barber shop, Door top
Mounting	Wall
THD	< 10
Power Factor	0.95
Housing	Stainless steel
Diffuser	PMMA
Internal Protection	IP 65
Impact Strength	IK 06
Weight	0.9 - 1.9 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
Other Options	Dimming 0-10V Flexible Size



Photometric Data



Drawing



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
AR-03	12W	600 x 69 x 97mm	1200 LM	220-240V/50/60Hz	3000K	110°
	24W	1200 x 69 x 97mm	2400 LM	110-277V/ 50/60Hz	4000K 6000K	

Environment friendly product that is free of any hazardous materials

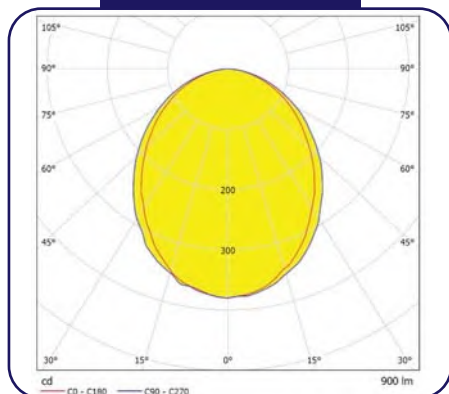




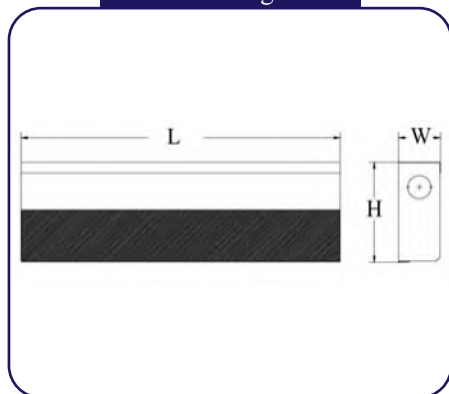
AR Series

AR-04

Photometric Data



Drawing



Applications

Indoor - Under cabinet lighting, Wardrobe

Mounting

Surface

THD

< 10

Power Factor

0.95

Housing

Iron phosphated steel

Diffuser

PMMA

Internal Protection

IP 20

Impact Strength

IK 06

Weight

0.9 - 1.9 Kg

Efficacy

100 Lumens / Watt

Working Temp (ta)

50°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Dimming 0-10V



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
AR-04	6W	305 x 40 x 95mm	600 LM	220-240V/50/60Hz	3000K	110°
	12W	585 x 40 x 95mm	1200 LM	110-277V/ 50/60Hz	4000K	
					6000K	



Emergency Lights

EM Series



Environment friendly product that is free of any hazardous materials

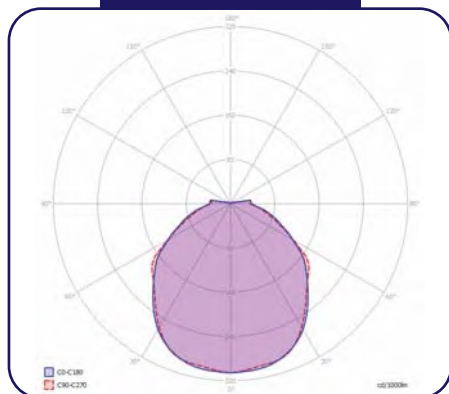




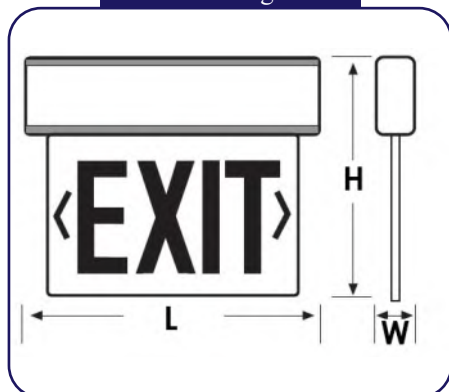
EM Series

LX-740

Photometric Data



Drawing



Applications

Indoor - Office, Clinic, Class room,
Corridor, Kitchen, Retail shop

Mounting	Universal bracket for Ceiling & Wall
Power	3.8W
Housing	Extruded Aluminum
Emergency Backup	3 Hr
Operating Mode	Maintained
Internal Protection	IP 23
Impact Strength	IK 03
Weight	1.9 Kg
Number of Faces	Single Face or Double Face
Text Type	Engraved Arabic & English
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	100,000 Hours
CRI	> 80
Certification	SASO 2902



UL Listed



Other Options

Customized Text - Sticker
Right & Left Arrow

Model	Size (L x H x W)	No. of Faces	Panel Colour	Voltage
LX-740	330 x 283 x 44 mm	1- Single Face 2- Double Face	RC-Red on clear GC-Green on clear RM-Red on mirror GM-Green on mirror	220-240V/50/60Hz 110-277V/ 50/60Hz





EM Series

EM-02

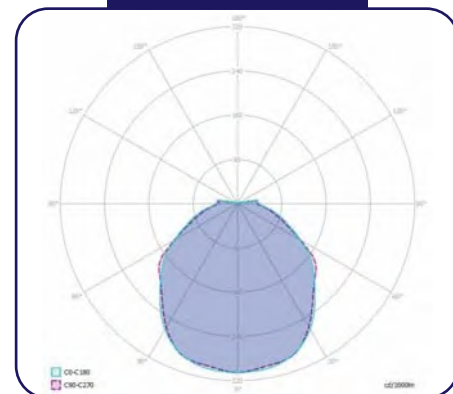
Applications Indoor - Office, Clinic, Class room,
Corridor, Kitchen, Retail shop

Mounting	Wall
Housing	Re-inforced fiber glass
Operating Mode	Non Maintained
Emergency Backup	3 Hr
Internal Protection	IP 42
Impact Strength	IK 03
Weight	5.7 Kg
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	100,000 Hours
CRI	> 80
Certification	SASO 2902
	ENEC Listed

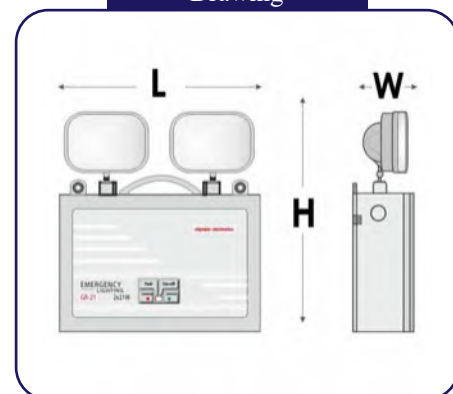


Other Options IP 65

Photometric Data



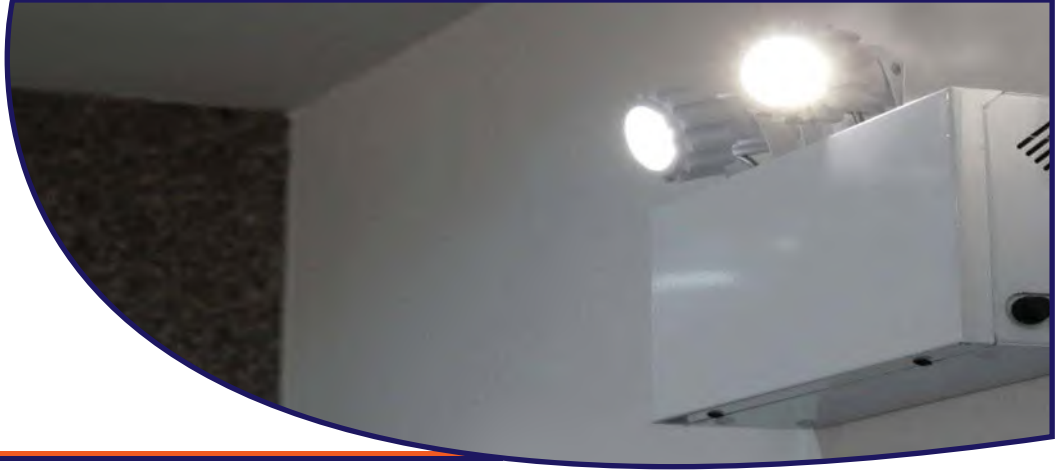
Drawing



Model	Power	Size (L x H x W)	Lumen	Voltage
EM-02	5.6W	302 x 330 x 94 mm	800 LM	220-240V/50/60Hz 110-277V/ 50/60Hz
	13W		1800 LM	
	14W		3200 LM	

Environment friendly product that is free of any hazardous materials

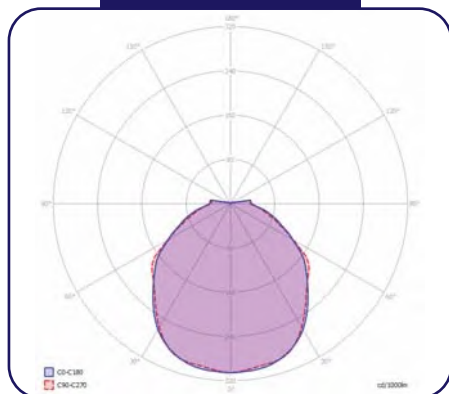




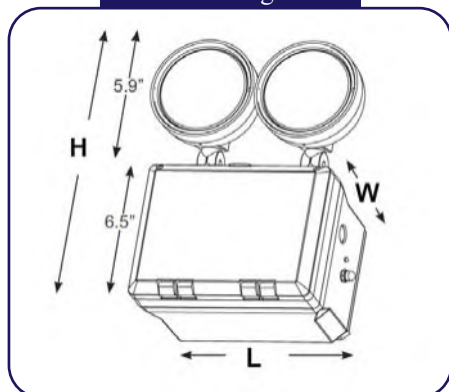
EM Series

RX

Photometric Data



Drawing



Applications

Indoor - Office, Clinic, Class room,
Corridor, Kitchen, Retail shop

Mounting

Wall

Wattage

3.8W

Housing

Polycarbonate

Operating Mode

Non Maintained

Emergency Backup

3 Hr

Internal Protection

IP 44

Impact Strength

IK 03

Weight

5.7 Kg

Working Temp (ta)

50°C

Warranty

5 Years

Life Time

50,000 Hours

CRI

> 80

Certification

SASO 2902



UL Listed



Other Options

Steel Body

Model	Power	Size (L x W x H)	Lumen	Voltage
RX	3.8W	203 x 91 x 310mm	300 LM	220-240V/50/60Hz 120-277V/50/60Hz





EM Series

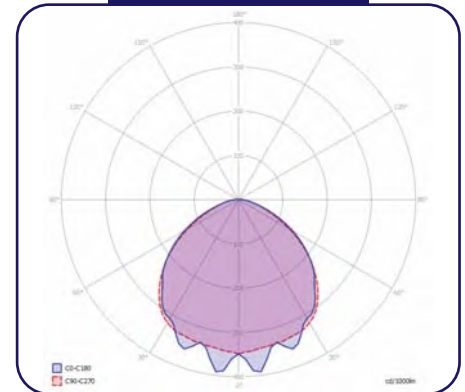
GR-939

Applications Indoor - Office, Clinic, Class room,
Corridor, Kitchen, Retail shop

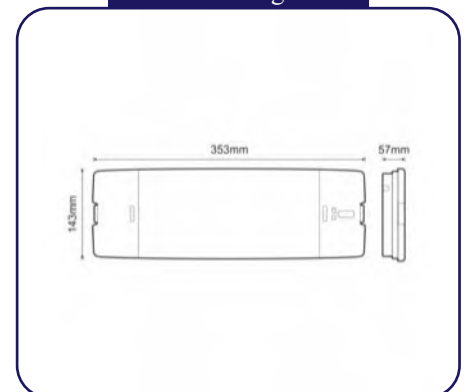
Mounting	Wall
Housing	Re-inforced fiber glass
Diffuser	Transparent polycarbonate
Emergency Backup	3 Hr
Internal Protection	IP 65
Impact Strength	IK 05
Weight	0.9 Kg
Number of Faces	Single Face
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	100,000 Hours
CRI	> 80
Certification	SASO 2902
	ENEC Listed
Other Options	Dali Interface



Photometric Data



Drawing



Model	Size (L x H x W)	Wattage	Lumen	Voltage	Mode
GR-939	353 x 143 x 57 mm	3W	105 LM	220-240V/50/60Hz	M- Maintained
		6W	210 LM	110-277V/50/60Hz	NM- Non Maintained

مخرج
EXIT

مخرج
EXIT



مخرج الطوارئ
EMERGENCY EXIT

Environment friendly product that is free of any hazardous materials

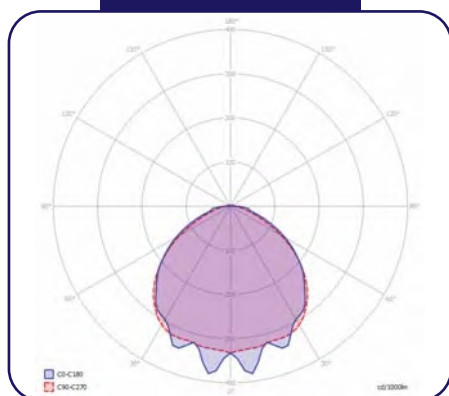




EM Series

GVEX

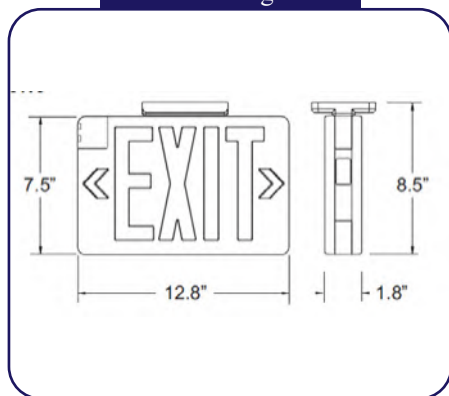
Photometric Data



Drawing



Drawing



Applications

Indoor - Office, Clinic, Class room,
Corridor, Kitchen, Retail shop

Mounting	Wall / Ceiling
THD	< 10
Housing	High-temperature thermoplastic
Text Type	Engraved English only
Emergency Backup	3 Hr
Internal Protection	IP 65
Impact Strength	IK 05
Weight	1 Kg
Number of Faces	Single Face or Double Face
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	100,000 Hours
CRI	> 80
Certification	SASO 2902

UL Listed



Model	Text	Size (L x H x W)	Wattage	Letter color	Voltage
GVEX	English	325 x 190 x 43.5 mm	3.8W	R- Red	220-240V/50/60Hz
	Arabic & English	330 x 261 x 43.5 mm		G- Green	110-277V/ 50/60Hz





EM Series

L650

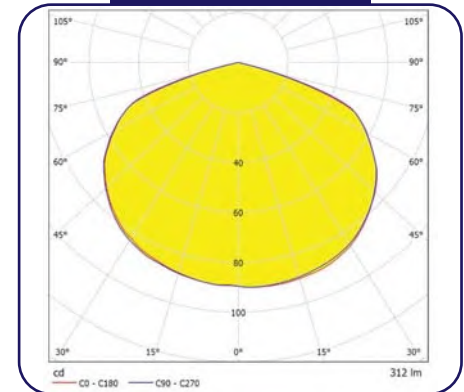
Applications	Indoor - Office, Clinic, Class room, Corridor, Kitchen, Retail shop
Mounting	Wall
Housing	Iron Phosphated Steel
Emergency Backup	3 Hr
Operating Mode	Maintained / Non Maintained
Internal Protection	IP 23
Impact Strength	IK 03
Weight	1.9 Kg
Number of Faces	Single Face or Double Face
Text Type	Arabic & English
Working Temp (ta)	50°C
Warranty	5 Years
Life Time	50,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed



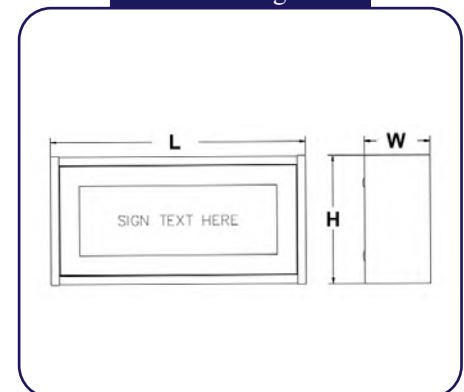
Other Options	Customized Text - Sticker Right & Left Arrow Flexible Size Recessed IP 54 Green text White Background White Text Green Background Man Running to door (green background) Emergency (Red Text) white background
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Photometric Data



Drawing



Model	Power	Size (L x H x W)	Lumen	Voltage	CCT	No. of Faces
L650	6W	400 x 200 x 103 mm	600 LM	220-240V/50/60Hz	3000K	1- Single Face
	12W	690 x 266 x 103 mm	1200 LM	110-277V/ 50/60Hz	4000K 5000K	2- Double Face

مخرج
EXIT

EXIT مخرج



مخرج الطوارئ
EMERGENCY EXIT

Environment friendly product that is free of any hazardous materials



Landscape Lights

OT Series





OT Series

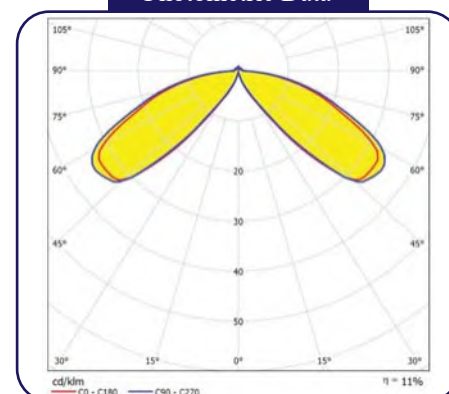
OT-01

Applications Outdoor - Parking area, Entrances, Walkways, Parks

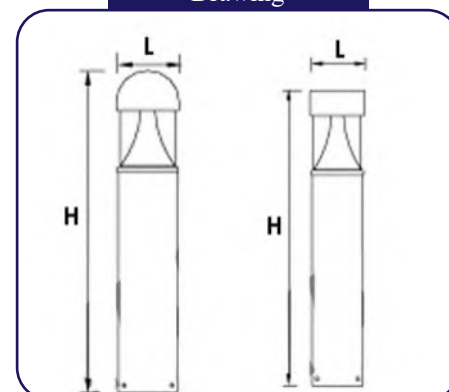
Mounting	Level ground mounted
THD	< 10
Power Factor	0.95
Housing	Extruded aluminium
Lens and Rims	Polycarbonate
Reflector	Die-cast aluminium louvre
Internal Protection	IP 65
Impact Strength	IK 10
Weight	9.6 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
Other Options	Dimming 0-10V Flexible Height*



Photometric Data



Drawing



Model	Power	Size (L x H)	Lumen	Voltage	CCT	Beam Angle
OT-01	9W	213 x 1067* mm	900 LM	220-240V/50/60Hz	4000K	150°
	25W		2500 LM		5000K	
	35W		3500 LM	110-277V/ 50/60Hz	6000K	
	50W		5000 LM			

Environment friendly product that is free of any hazardous materials

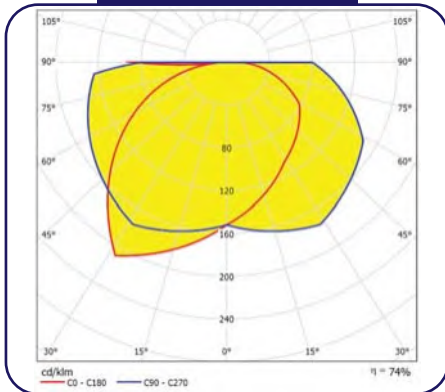




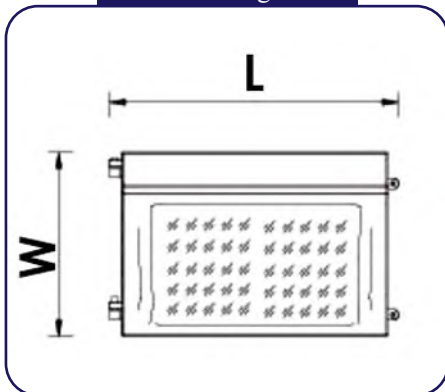
OT Series

OT-02

Photometric Data



Drawing



Applications

Outdoor - Entrances, Building walls,
Fences, Door top

Mounting

Wall

THD

< 10

Power Factor

0.96

Housing

Die-cast aluminum

Diffuser

Pressed borosilicate glass

Internal Protection

IP 65

Impact Strength

IK 07

Weight

3.3 Kg

Efficacy

100 Lumens / Watt

Working Temp (ta)

55°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Photocell



Model	Power	Size (L x W)	Lumen	Voltage	CCT	Beam Angle
OT-02	35W	362 x 230 mm	3500 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	45W		4500 LM		4000K	
	60W		6000 LM		5000K	





OT Series

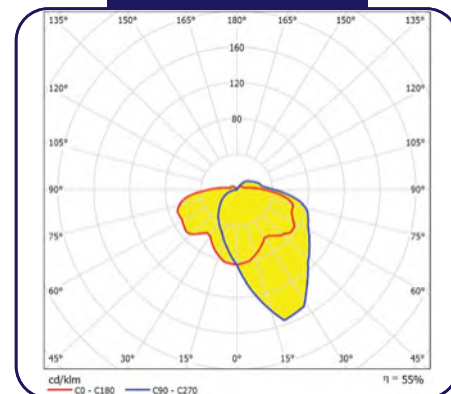
OT-03

Applications Outdoor - Entrances, Building walls, Fences, Door top

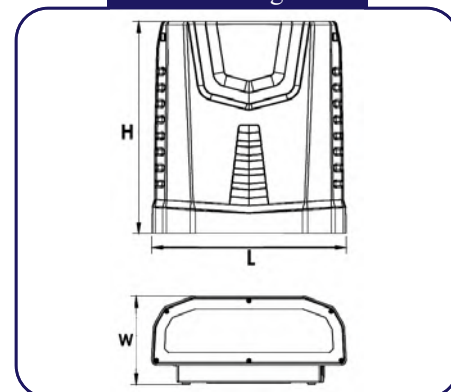
Mounting	Wall
THD	< 10
Power Factor	0.95
Housing	Die-cast aluminum
Diffuser	Clear glass
Internal Protection	IP 65
Impact Strength	IK 09
Weight	2.1- 4.3 Kg
Efficacy	125 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
Other Options	Emergency Backup - 3 Hr Dimming 0-10V



Photometric Data



Drawing



Model	Power	Size (H x L x W)	Lumen	Voltage	CCT	Beam Angle
OT-03	30W	207 x 200 x 108 mm	3750 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	50W		6250 LM		4000K	
	70W	285 x 265 x 118 mm	8750 LM		5000K	
	80W		10000 LM			
	100W		12500 LM			

Environment friendly product that is free of any hazardous materials

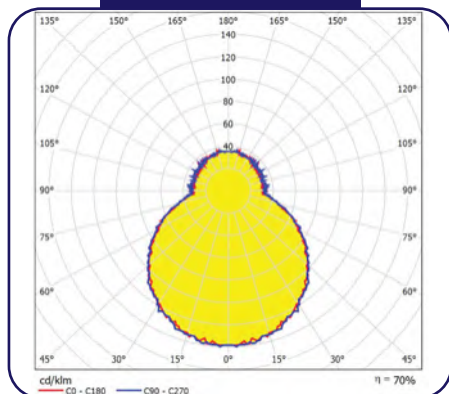




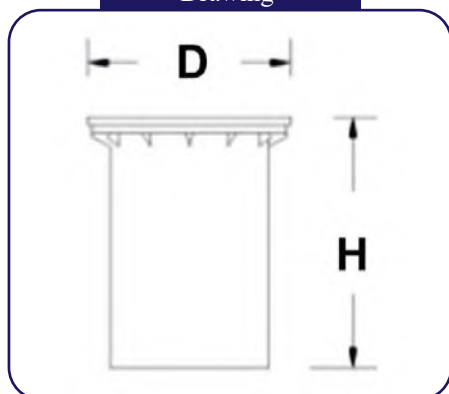
OT Series

OT-04

Photometric Data



Drawing



Applications

Outdoor - Walkways, Gardens, Entrances

Mounting

Ground recessed

THD

< 10

Power Factor

0.95

Housing

Die-casting aluminum

Diffuser

Toughened matt glass

Pre-casing

PP casing with cover

Internal Protection

IP 67

Impact Strength

IK 10

Weight

4 Kg

Efficacy

100 Lumens / Watt

Working Temp (ta)

55°C

Warranty

5 Years

Life Time

50,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Dimming 0-10V

RGB

Drive over cover



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
OT-04	6W	150 x 227 mm	600 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5000K	120°
	15W	230 x 290 mm	1500 LM			
	25W		2500 LM			





OT Series

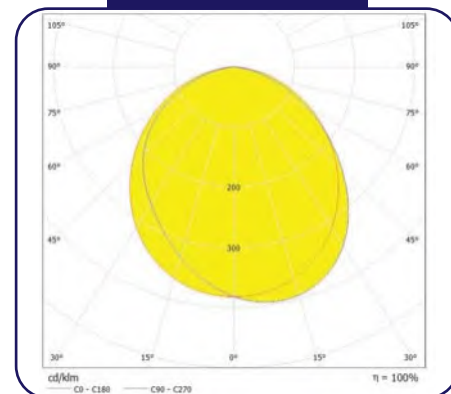
OT-05

Applications Outdoor - Staircase, perimeter fence, Pathway lighting, Parks, Gardens, Porch

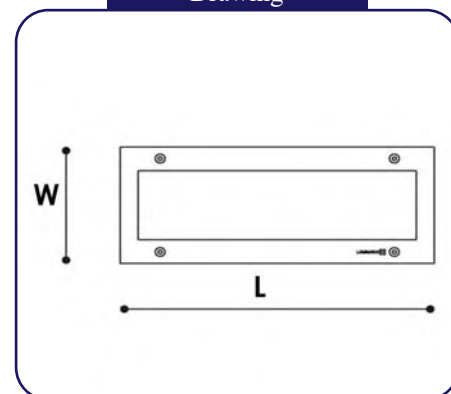
Mounting	Wall recessed
THD	< 10
Power Factor	0.95
Housing	Polycarbonate base
Diffuser	Tempered glass
Reflector	Aluminium type L2-1060
Internal Protection	IP 66
Impact Strength	IK 09
Weight	1.7 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	50,000 Hours
CRI	> 80
Certification	SASO 2902
	UL Listed
Other Options	Dimming 0-10V
	Wire Guard



Photometric Data



Drawing



Model	Power	Size (L x W)	Lumen	Voltage	CCT
OT-05	6W	270 x 122 mm	600 LM	100-240V/50/60Hz	3000K
	15W	335 x 138 mm	1500 LM		4000K 6000K

Environment friendly product that is free of any hazardous materials

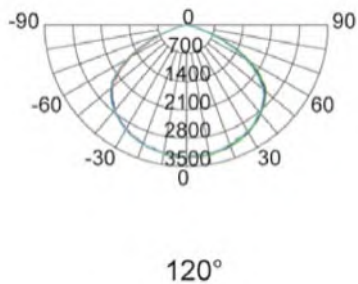




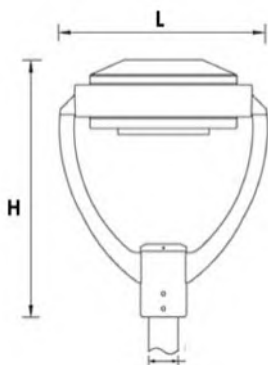
OT Series

OT-06

Photometric Data



Drawing



Applications

Outdoor - Commercial premises,
Walkways, Park, Gardens, Rural road

Mounting

Pole top

THD

< 10

Power Factor

0.98

Housing

Die cast aluminum

Reflector

Pure anodizing aluminum

Internal Protection

IP 65

Impact Strength

IK 10

Weight

9.2 Kg

Efficacy

110 Lumens / Watt

Working Temp (ta)

55°C

Warranty

5 Years

Life Time

80,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Dimming 0-10V



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
OT-06	45W	425 x 545 mm	4950 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120° 150°
	60W		6600 LM		4000K	
	80W		8800 LM		5000K	





OT Series

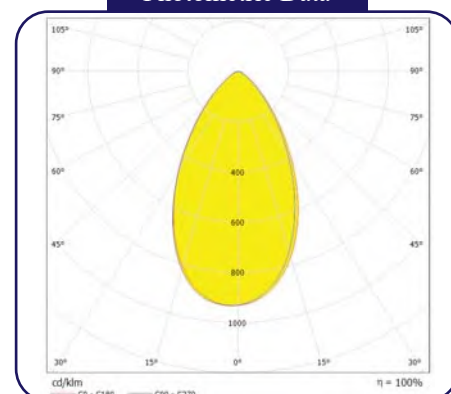
OT-07

Applications Outdoor - Signs, Pathway lighting, Parks, Gardens, Porch

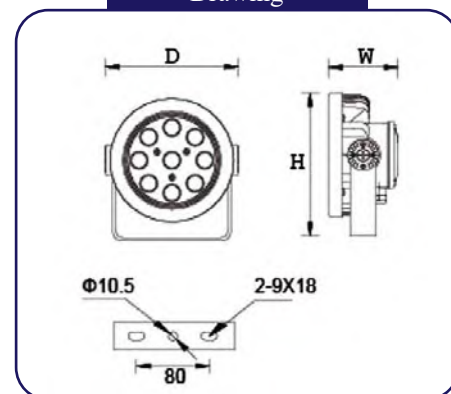
Mounting	Ground
THD	< 10
Power Factor	0.95
Housing	Die cast aluminum
Diffuser	Tempered glass + Lens
Internal Protection	IP 66
Impact Strength	IK 08
Weight	1.5-3Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	50,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
Other Options	Dimming 0-10V RGB



Photometric Data



Drawing



Model	Power	Size (D x H x W)	Lumen	Voltage	CCT	Beam Angle
OT-07	9W	150 x 160 x 80 mm	900 LM	220-240V/50/60Hz	3000K	10°
	12W		1200 LM		4000K	15°
	18W		1800 LM	110-277V/ 50/60Hz	5000K	30° 60°

Environment friendly product that is free of any hazardous materials

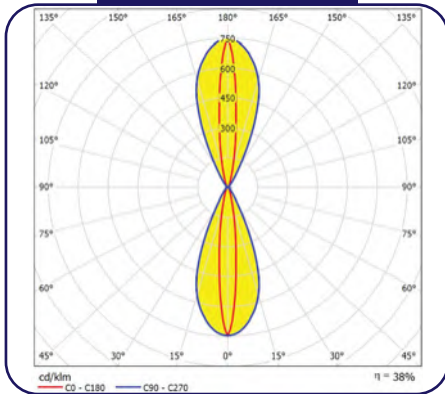




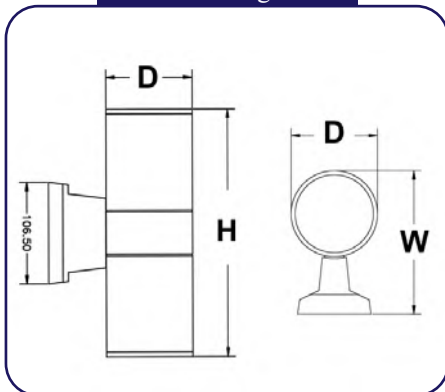
OT Series

OT-08

Photometric Data



Drawing



Applications

Outdoor - Entrances, Building walls,
Fences

Mounting

Wall

THD

< 10

Power Factor

0.95

Housing

Die-cast aluminum

Diffuser

Toughened matt / Clear glass

Internal Protection

IP 66

Impact Strength

IK 08

Weight

5.2 Kg

Efficacy

100 Lumens / Watt

Working Temp (ta)

55°C

Warranty

5 Years

Life Time

50,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Dimming 0-10V

Photocell

Single direction (Up or Down)

Double direction (Up & Down)



Model	Power	Size (H x W x D)	Lumen	Voltage	CCT	Beam Angle
OT-08	1 x 9W	157 x 150 x 90mm	900 LM	220-240V/50/60Hz	3000K	18°
	2 x 9W		2 x 900 LM		4000K	24°
	1 x 18W	259 x 150 x 90mm	1800 LM	110-277V/ 50/60Hzv	5000K	36°
	2 x 18W		2 x 1800LM			





OT Series

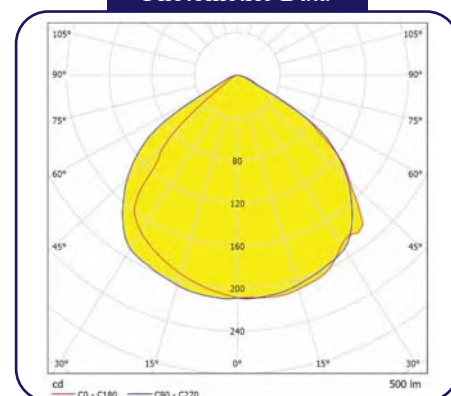
OT-09

Applications Outdoor - Entrances, Building walls, Fences

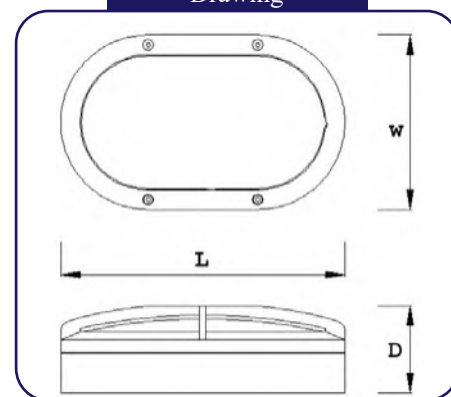
Mounting	Wall
THD	< 10
Power Factor	0.95
Housing	Die cast aluminum
Diffuser	PC
Internal Protection	IP 55
Impact Strength	IK 08
Weight	2 Kg
Efficacy	100 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	50,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
Other Options	Dimming 0-10V Wire Guard



Photometric Data



Drawing



Model	Power	Size (L x W x D)	Lumen	Voltage	CCT
OT-09	6W	215 x 134 x 67mm	600 LM	220-240V/50/60Hz	3000K
	12W		1200 LM	110-277V/ 50/60Hz	4000K 5000K



Environment friendly product that is free of any hazardous materials

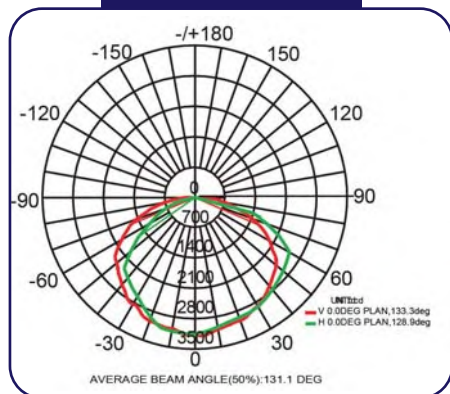




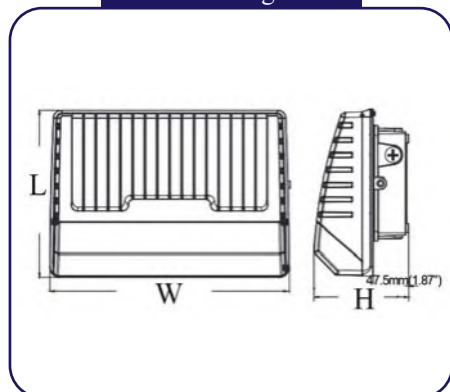
OT Series

OT-10

Photometric Data



Drawing



Applications

Outdoor - Entrances, Building walls,
Fences, Door top

Mounting

Wall

THD

< 10

Power Factor

0.95

Housing

Die-cast aluminum

Diffuser

Clear glass

Internal Protection

IP 65

Impact Strength

IK 09

Weight

1.4 - 3.7 Kg

Efficacy

120 Lumens / Watt

Working Temp (ta)

55°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

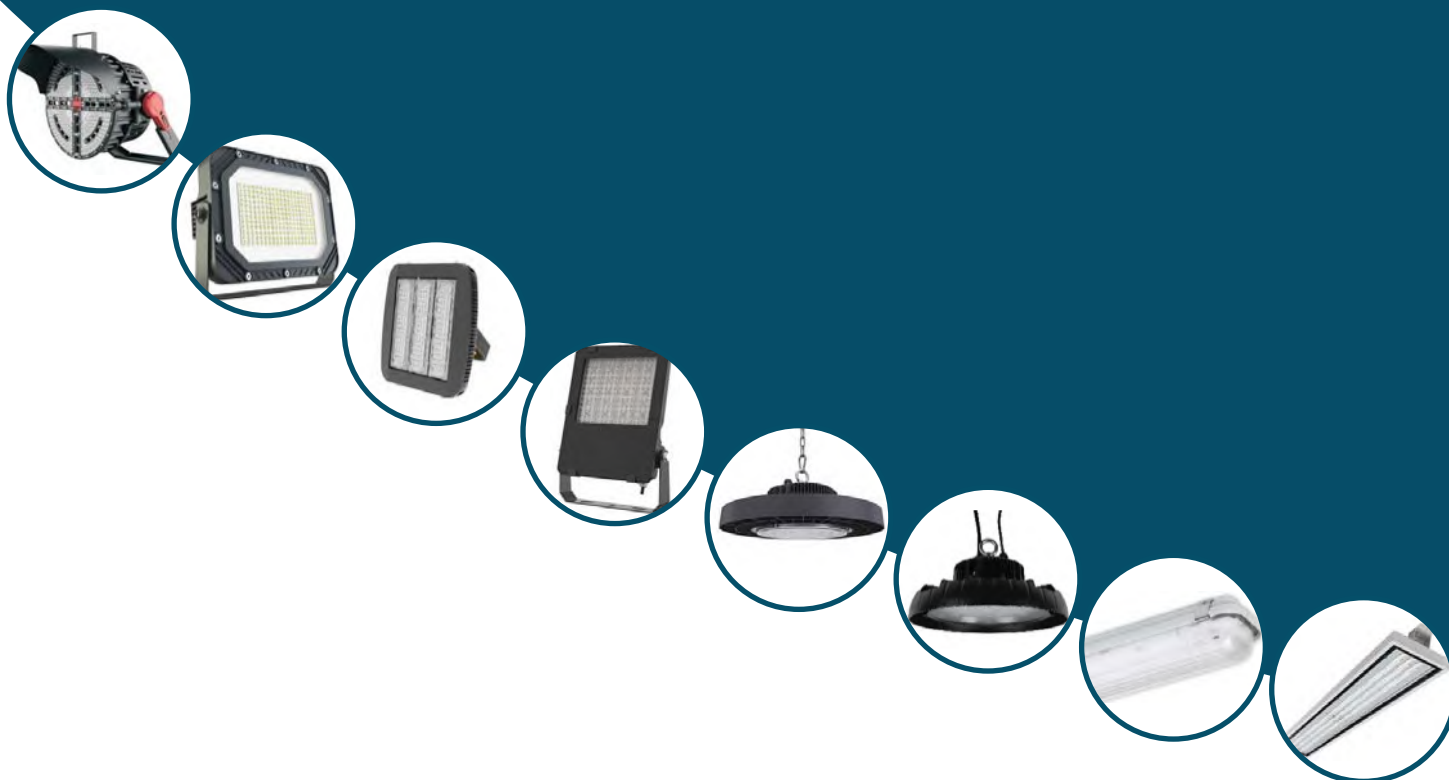


Model	Power	Size (H x L x W)	Lumen	Voltage	CCT	Beam Angle
OT-10	30W	216 x 180 x 98 mm	3600 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K	120°
	50W		6000 LM		4000K	
	70W	319 x 225 x 126 mm	8400 LM		5000K	
	80W		9600 LM			
	100W		12000 LM			



Area Lights

WP & FL Series



Environment friendly product that is free of any hazardous materials

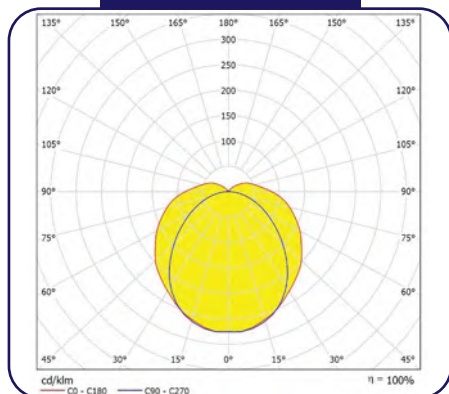




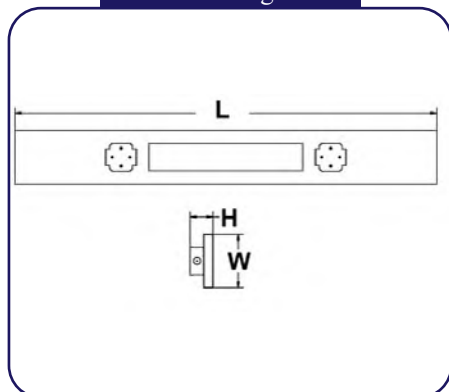
WP Series

WP-01

Photometric Data



Drawing



Applications

Indoor & Outdoor - Tunnel, Workshop, Warehouse, Electro-mech room, Hangers

Mounting

Surface

THD

< 10

Power Factor

0.96

Housing

Galvanized steel

Diffuser

Tempered glass

Internal Protection

IP 65

Impact Strength

IK 09

Weight

9Kg

Efficacy

140 Lumens / Watt

Working Temp (ta)

70°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Pendant mounted

Flexible size



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
WP-01	60W	1250 x 150 x 89 mm	8400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 6500K	120°
	90W		12600 LM			
	120W	1250 x 200 x 89 mm	16800 LM			
	150W		21000 LM			





WP Series

WP-02

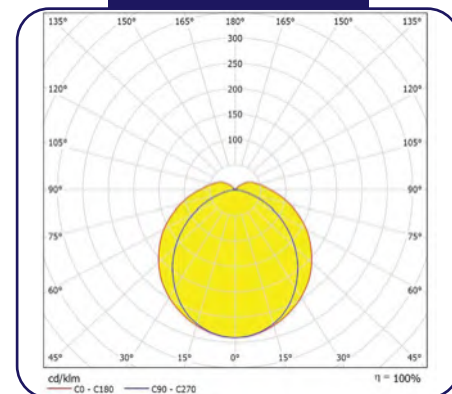
Applications

Indoor & Outdoor- Parking garages, Factories, Canopy, Workshops, Electro-mech room, Store rooms

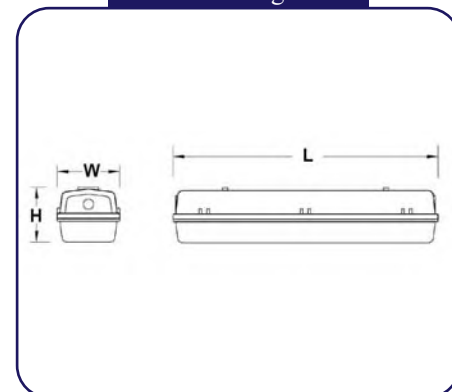
Mounting	Surface
THD	< 10
Power Factor	0.96
Housing	Glass fibre-reinforced polyester (GRP)
Diffuser	PMMA
Internal Protection	IP 65
Impact Strength	IK 08
Weight	1.1 - 2.4 Kg
Efficacy	120 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
Other Options	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface



Photometric Data



Drawing



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
WP-02	20W	666 x 100 x 108 mm	2400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	4000K 5000K 6500K	120°
	34W	1275 x 100 x 108 mm	4080 LM			
	44W		5280 LM			
	55W		6600 LM			
	70W	1275 x 170 x 108 mm	8400 LM			

Environment friendly product that is free of any hazardous materials

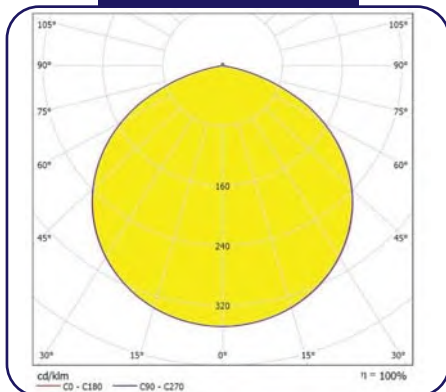




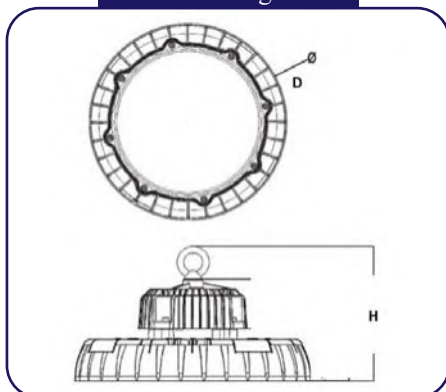
WP Series

L62

Photometric Data



Drawing



Applications

Indoor - Factories, Workshop, Warehouse, Tunnel, Electro-mech room, Hangers

Mounting

Pendant by chain

THD

< 10

Power Factor

0.98

Housing

Die-cast aluminum

Diffuser

Polycarbonate lens

Internal Protection

IP 65

Impact Strength

IK 08

Weight

2.9 - 6.2 Kg

Efficacy

140 Lumens / Watt

Working Temp (ta)

55°C

Warranty

Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Trunion bracket

Surface mounted

High efficacy - 170LM/W



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
L62	60W	250 x 140 mm	8400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	60° 90° 120°
	100W		14000 LM			
	150W	320 x 140 mm	21000 LM			
	200W	400 x 140 mm	28000 LM			
	240W		33600 LM			





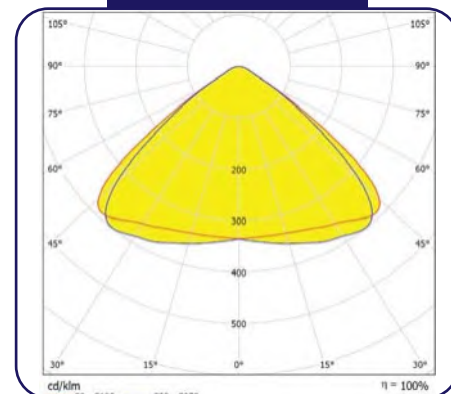
WP Series

L63

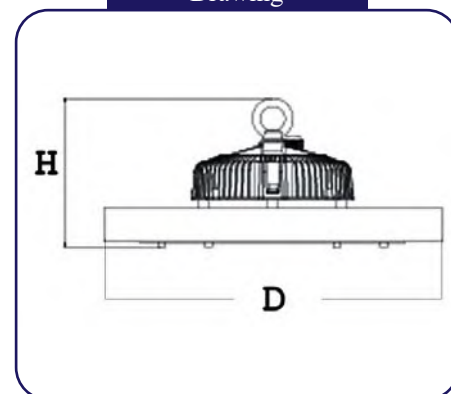
Applications	Indoor - Factories, Workshop, Warehouse, Tunnel, Electro-mech room, Hangers
Mounting	Pendant by chain
THD	< 10
Power Factor	0.98
Housing	Die-cast aluminum
Diffuser	Polycarbonate lens
Internal Protection	IP 65
Impact Strength	IK 08
Weight	2.9 - 6.2 Kg
Efficacy	130 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	60,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
Other Options	Emergency Backup - 3 Hr Dimming 0-10V Dali Interface Trunion bracket



Photometric Data



Drawing



Model	Power	Size (D x H)	Lumen	Voltage	CCT	Beam Angle
L63	100W	320 x 168mm	13000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	4000K 5700K	120°
	150W	400 x 175 mm	19500 LM			
	200W		26000 LM			

Environment friendly product that is free of any hazardous materials

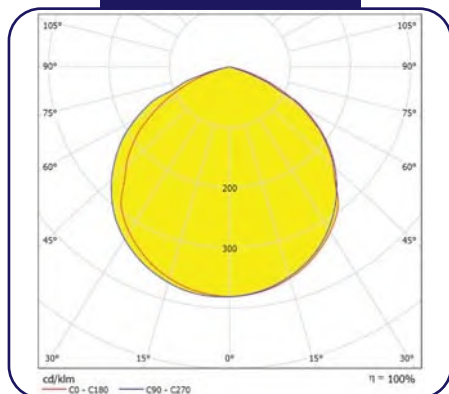




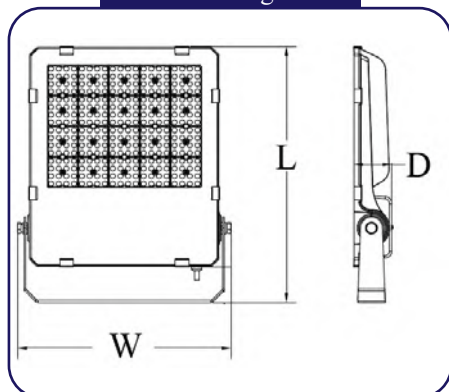
FL Series

L64

Photometric Data



Drawing



Applications

Outdoor - Areas, Farms, Building Washers, Parking Area

Mounting

Trunion - Pole / Wall

THD

< 10

Power Factor

0.98

Housing

Die cast aluminum

Diffuser

Clear silk printed tempered glass

Internal Protection

IP 65

Impact Strength

IK 07

Weight

1.4- 4.6 Kg

Efficacy

130 Lumens / Watt

Working Temp (ta)

60°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Dimming 0-10V

Photocell










Model	Power	Size (L x W x D)	Lumen	Voltage	CCT	Beam Angle
L64	30W	267 x 226 x 44 mm	3900 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3500K	30°
	50W		6500 LM			60°
	100W	362 x 299 x 54 mm	13000 LM		4000K	90°
	150W	420 x 349 x 62 mm	19500 LM		5700K	150°
	200W		26000 LM			





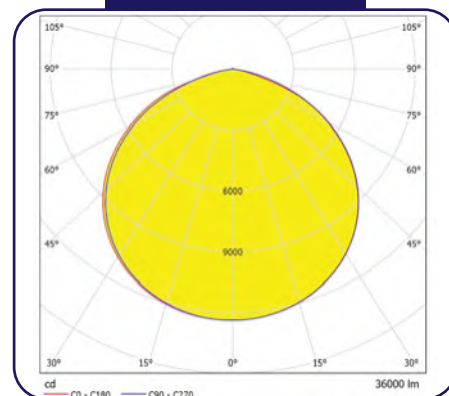
FL Series

L81

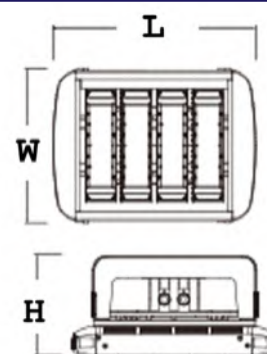
Applications	Outdoor/Indoor - Sport Fields, Warehouses, Hangers, Tunnels	
Mounting	Trunion - Wall / Pendant / Ceiling	
THD	< 10	
Power Factor	0.98	
Housing	Die cast aluminum	
Diffuser	Polycarbonate lens	
Internal Protection	IP 66	
Impact Strength	IK 08	
Weight	3.3 - 11.5 Kg	
Efficacy	140 Lumens / Watt	
Working Temp (ta)	55°C	
Warranty	5 Years	
Life Time	60,000 Hours	
CRI	> 80	
Certification	SASO 2902	
	UL Listed	
	LM79, ISTMT, TM21	
	Photobiological	
Other Options	Emergency Backup - 3 Hr	
	Dimming 0-10V	
	Photocell	
	High efficacy - 170LM/W	



Photometric Data



Drawing



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
L81	60W	316 x 367 x 239 mm	8400 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	90° 110°
	90W		12600 LM			
	120W	394 x 367 x 239 mm	16800 LM			
	150W		21000 LM			
	180W	478 x 367x 239 mm	25200 LM			
	240W		33600 LM			
	300W		42000 LM			

Environment friendly product that is free of any hazardous materials

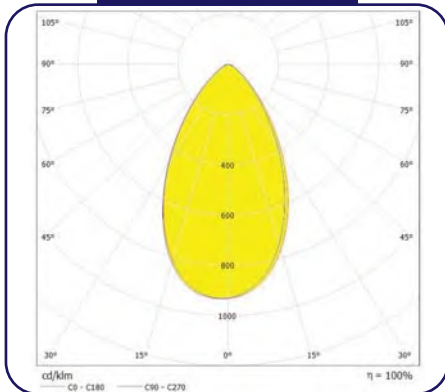




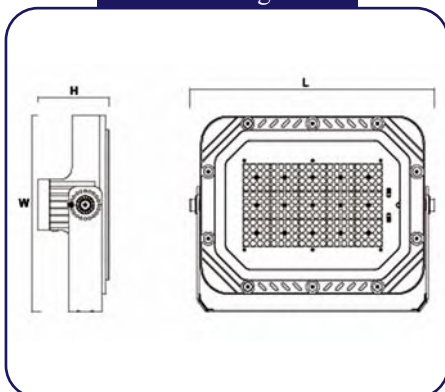
FL Series

T150

Photometric Data



Drawing



Applications

Outdoor - Areas, Farms, Building Washers, Parking Area

Mounting

Trunion - Ground / Pole / Wall

THD

< 10

Power Factor

0.95

Housing

Die-casting Aluminum.

Diffuser

Tempered glass

Internal Protection

IP 65

Impact Strength

IK 08

Weight

5 - 8.6 Kg

Efficacy

130 Lumens / Watt

Working Temp (ta)

55°C

Warranty

5 Years

Life Time

72,000 Hours

CRI

> 80

Certification

SASO 2902

UL Listed

LM79, ISTMT, TM21

Photobiological



Other Options

Dimming 0-10V



Model	Power	Size(L x W x H)	Lumen	Voltage	CCT	Beam Angle
T150	60W	303 x 246 x 93 mm	7800 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	4000K 5700K	60° 75x135°
	80W		10400 LM			
	100W	385 x 309 x 110 mm	13000 LM			
	150W		19500 LM			
	200W	437 x 352 x 126 mm	26000 LM			





FL Series

L900

Applications	Outdoor - Sport Fields, Airports, Stadiums
Mounting	Trunion - Pole / Pendant
THD	< 10
Power Factor	0.98
Housing	Die-casting Aluminum
Diffuser	Polycarbonate lens
Internal Protection	IP 66
Impact Strength	IK 10
Weight	14-18 Kg
Efficacy	150 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological

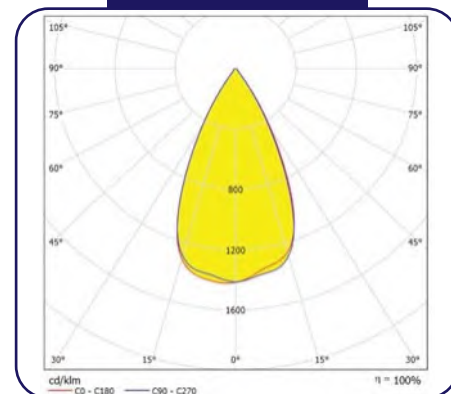


Other Options	Dimming 0-10V Photocell A= Top Fixed B=Under Mount Yoke (with driver box) C=Under Mount Yoke (split mode) D=Yoke Mount D=Add a Slip Fitter
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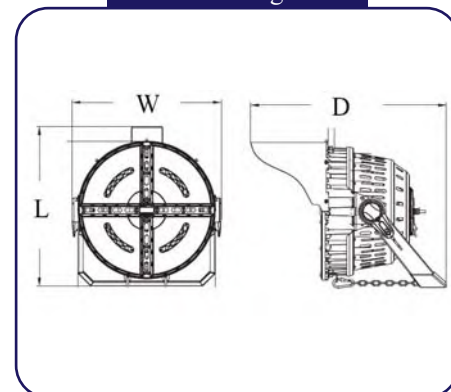


Model	Power	Size (L x W x D)	Lumen	Voltage	CCT	Beam Angle
L900	300W	509 x 452 x 632 mm	45000 LM	220-240V/50/60Hz	3000K	15°
	400W		60000 LM			
	500W		75000 LM			
	600W		90000 LM			
	700W	591 x 554 x 724 mm	105000 LM	110-277V/ 50/60Hz	4000K	30°
	800W		120000 LM			
	900W		135000 LM			
	1000W		150000 LM			

Photometric Data



Drawing



Environment friendly product that is free of any hazardous materials



Explosion Proof

EX Series





EX Series

MHD2

Applications

Hazardous Locations, Petrochemical plants, Refineries, Wastewater treatment facilities, explosive gasses, dusts, and fibers

Mounting	Surface
THD	< 10
Power Factor	0.95
Housing	Fiberglass reinforced PET resin
Diffuser	High Impact DR acrylic
Internal Protection	IP 66
Impact Strength	IK 09
Efficacy	100 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	70,000 Hours
CRI	> 80

Certification

SASO 2902
LM79, ISTMT, TM21
Photobiological
NEMA 4X
UL Listed
UL 844 Hazardous Locations
Class I, Zone 2, Groups IIA, IIB, IIC,
Zone 22 (ANSI/UL 844)
UL 1598A Marine Outside Type
UL 1598 Wet Locations
UL 8750 LED Safety
Class I, Division 2, Groups A, B, C&D - T5
Class II, Division 2, Groups F & G - T5
Class III



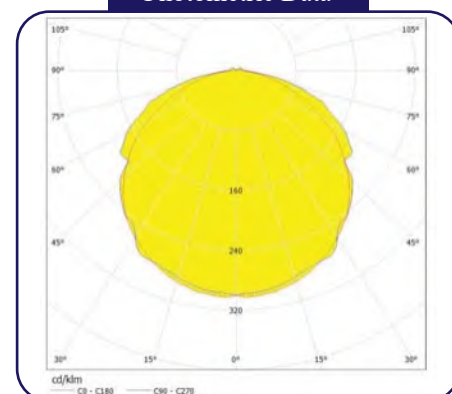
Other Options

Emergency Backup - 3 Hr

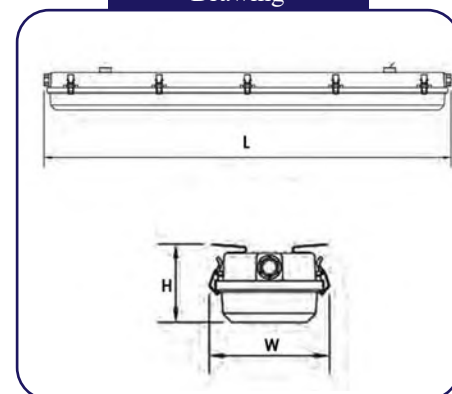
Dimming 0-10V



Photometric Data



Drawing



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
MHD2	07=56W	4 = Four Foot 1350 x 200 x 127 mm	5600 LM	U = 120 - 277V/60 Hz	30=3000K	110°
				N = 347V/480/60Hz	40=4000K	
	09=74W		7400 LM	B = 220 - 240V/60Hz	50=5000K	

Environment friendly product that is free of any hazardous materials

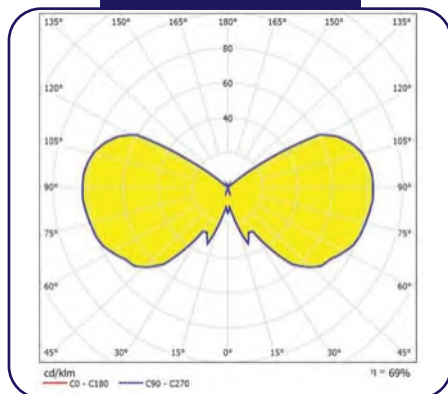




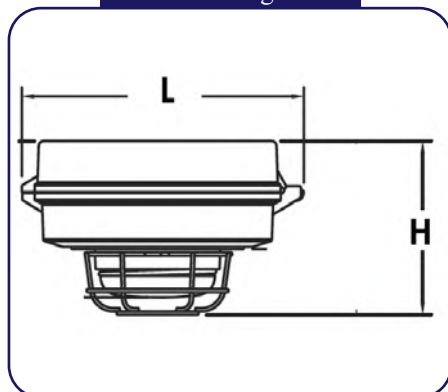
EX Series

SAFJ

Photometric Data



Drawing



Applications

Parking lots, Warehouses, Factories, Mining/Heavy industry, Sporting Complexes, Retails, Exhibition halls

Mounting	Pendant / Ceiling / Wall / Stanchion
THD	< 10
Power Factor	0.95
Housing	Aluminium with epoxy finish
Diffuser	Borosilicate glass
Internal Protection	IP 66
Impact Strength	IK 10
Efficacy	100 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	70,000 Hours
CRI	> 80

Certification

SASO 2902
LM79, ISTMT, TM21
Photobiological
NEMA 4X
UL Listed
UL 1598A Marine Outside Type
UL 1598 Wet Locations
UL 844 Hazardous Locations
UL 8750 LED Safety
Class I, Division 2, Groups A, B, C, & D - T2
Class II, Division 1 & 2, Groups E, F & G - T3A
Class III
ABS Type Approved



Other Options

Dimming 0-10V



Dali Interface



Globe & Guard

Model	Power	Size (L x H)	Lumen	Voltage	CCT	Mounting
SAFJ	03=30W	296 x 178 mm	3050 LM	U = 120-277V/60Hz N = 347/480V/60Hz	30=3000K	P = ¾" Pendant Mount P1 = 1" Pendant Mount C = ¾" Ceiling Mount C1 = 1" Ceiling Mount
	06=50W		4800 LM		40=4000K 50=5000K	W = ¾" Wall Mount W1 = 1" Wall Mount S = 1-¼" 25°Stanchion Mount S1 = 1-½" 25°Stanchion Mount L = 1-¼" 90°Stanchion Mount L1 = 1-½" 90°Stanchion Mount





EX Series

SAF Hi

Applications

Parking lots, Warehouses, Factories, Mining/Heavy industry, Sporting Complexes, Retails, Exhibition halls

Mounting	Pendant / Ceiling / Wall / Stanchion
THD	< 10
Power Factor	0.95
Housing	Aluminium with epoxy finish
Diffuser	Borosilicate glass
Internal Protection	IP 66
Impact Strength	IK 10
Efficacy	125 Lumens / Watt
Working Temp (ta)	65°C
Warranty	5 Years
Life Time	70,000 Hours
CRI	> 80

Certification

SASO 2902
LM79, ISTMT, TM21
Photobiological
NEMA 4X
UL Listed
UL 1598A Marine Outside Type
UL 1598 Wet Locations
UL 844 Hazardous Locations
UL 8750 LED Safety
Class I, Division 2, Groups A, B, C, & D
Class II, Division 1 & 2, Groups E, F & G
Class III
ABS Type Approved



Other Options

Dimming 0-10V

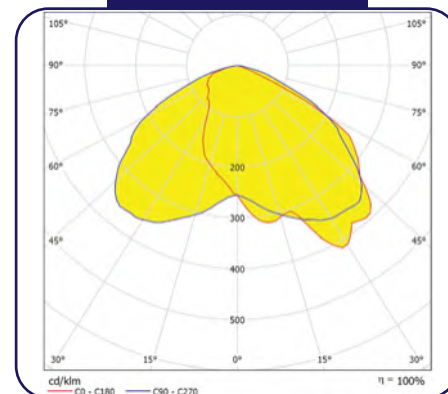


Dali Interface

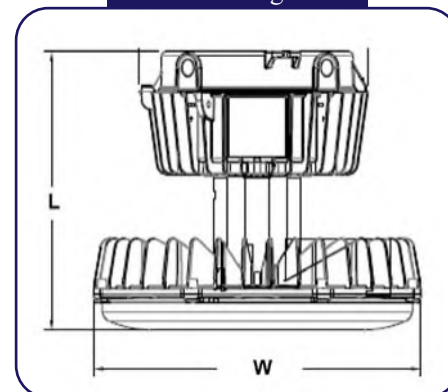


Globe & Guard

Photometric Data



Drawing



Model	Power	Size (L x H)	Lumen	Voltage	CCT	Mounting
SAF Hi	16=160W	425 x 364 mm	20000 LM	U = 120-277V/60Hz N = 347/480V/60Hz	30=3000K	P = ¾" Pendant Mount P1 = 1" Pendant Mount C = ¾" Ceiling Mount C1 = 1" Ceiling Mount W = ¾" Wall Mount W1 = 1" Wall Mount S = 1-¼" 25° Stanchion Mount S1 = 1-½" 25° Stanchion Mount L = 1-¼" 90° Stanchion Mount L1 = 1-½" 90° Stanchion Mount
	21=210W		26250 LM		40=4000K	
	24=240W		30000 LM		50=5000K	

Environment friendly product that is free of any hazardous materials

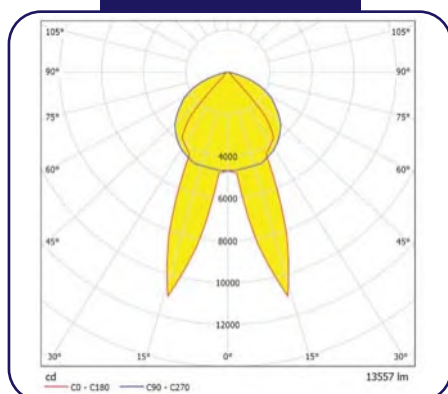




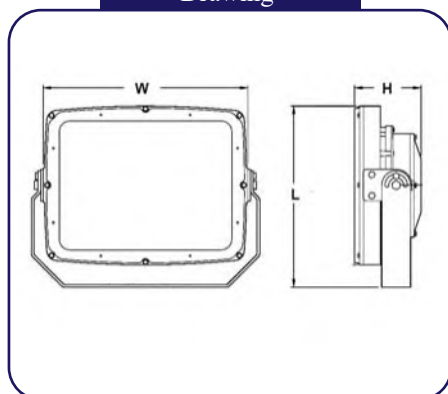
EX Series

LHFL

Photometric Data



Drawing



Applications

Parking lots, Warehouses, Factories, Mining/Heavy industry, Sporting Complexes, Retails, Exhibition halls

Mounting	Wall
THD	< 10
Power Factor	0.95
Housing	Aluminium with epoxy finish
Diffuser	Tempered glass
Internal Protection	IP 66
Impact Strength	IK 10
Efficacy	100 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	70,000 Hours
CRI	> 80

Certification

SASO 2902
LM79, ISTMT, TM21
Photobiological
NEMA 4X
UL 844 Hazardous Locations
UL 1598A Marine Outside Type
UL 1598 Wet Locations
UL 8750 LED Safety
Class I, Division 2, Groups A, B, C & D - T5
Class II, Divisions 1 & 2, Groups E, F & G - T4A
Class III
Zone 2, Groups IIA, IIB & IIC
65°C Ambient Temperature (Class I, Division 2)
ABS Type Approved



Other Options

Emergency Backup - 3 Hr

Dimming 0-10V

Dali Interface

Guard & Visor



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
LHFL	07=70W	435 x 495 x 161 mm	7420 LM	U=120-277V/60Hz	30=3000K	90°
	15=130W		13780 LM	N=347/480V/60Hz	40=4000K	
	200=188W		19928 LM		50=5000K	





EX Series

XML

Applications

Parking lots, Warehouses, Factories, Mining/Heavy industry, Sporting Complexes, Retails, Exhibition halls

Mounting	Ceiling
THD	< 10
Power Factor	0.95
Housing	Aluminium with epoxy finish
Diffuser	Tempered glass
Internal Protection	IP 66
Impact Strength	IK 10
Efficacy	100 Lumens / Watt
Working Temp (ta)	-40°C to 65°C
Warranty	5 Years
Life Time	70,000 Hours
CRI	> 80

Certification

SASO 2902
LM79, ISTMT, TM21
Photobiological
NEMA 4X
UL Listed
UL 1598A Marine Outside Type
UL 1598 Wet Locations
UL 8750 LED Safety
UL 844 Hazardous Locations
UL 924 Emergency Lighting
Class I, Division 1, Groups C & D - T6
Class I, Division 2, Groups C & D - T4A
Class II, Division 1, Groups E, F & G - T6
Class III
ABS Type Approved



Other Options

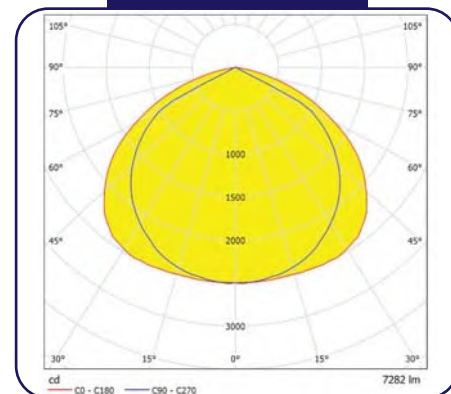
Emergency Backup - 3 Hr

Dimming 0-10V

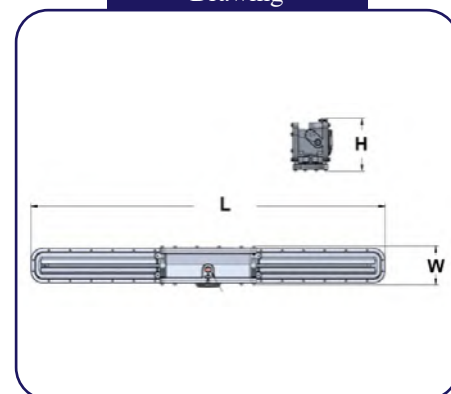
Dali Interface



Photometric Data



Drawing



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
XML	04=30W	2= Two Foot 609 x 134 x 182 mm	3000 LM	U =120-277V/60Hz	30=3000K	120 ⁰
	05=38W		3800 LM			
	06=45W		4500 LM	N =347/480V/60Hz	40=4000K	
	07=54W	4= Four Foot 1219 x 134 x 182 mm	5400 LM	B =220 -240V/60 Hz	50=5000K	
	09=75W		7500 LM			
	14=90W		9000 LM			

Environment friendly product that is free of any hazardous materials



Street Lights

ST Series





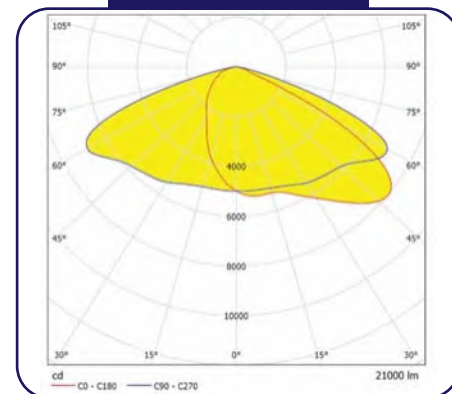
ST Series

L87

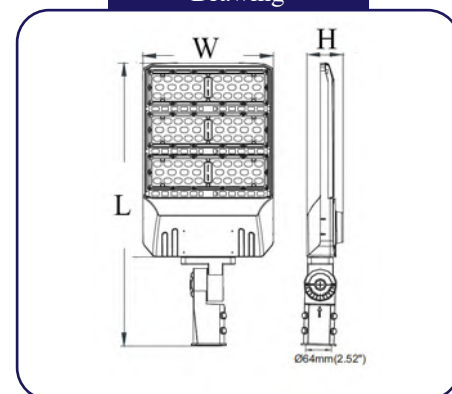
Applications	Outdoor - Neighborhoods, Parking Lots, Main and Sub roads, Gas Stations, Parks
Mounting	Pole
THD	< 10
Power Factor	0.98
Housing	Die cast aluminum
Diffuser	PC Lens
Mounting adjustment	-15 to +15
Internal Protection	IP 66
Impact Strength	IK 10
Weight	4.5 - 5.8 Kg
Efficacy	140 Lumens / Watt
Working Temp (ta)	60°C
Warranty	5 Years
Life Time	100,000 Hours
CRI	> 80
Certification	SASO 2902 UL Listed LM79, ISTMT, TM21 Photobiological
Other Options	Dimming 0-10V Photocell Slip Fitter bracket Trunion mount bracket Yoke mount bracket



Photometric Data



Drawing



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
L87	50W	471 x 300 x 82 mm	7000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	60° 90° 155 x 80° 165 x 115° 90 x 120°
	80W		11200 LM			
	100W	554 x 300 x 82 mm	14000 LM			
	120W		16800 LM			
	150W		21000 LM			
	200W	652 x 300 x 82 mm	28000 LM			
	240W		33600 LM			
	300W		42000 LM			

Environment friendly product that is free of any hazardous materials

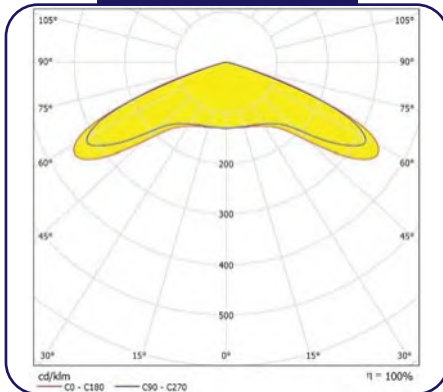




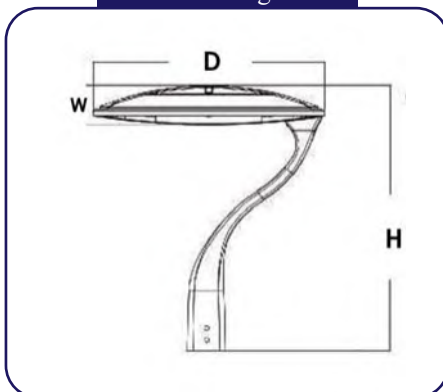
ST Series

IP

Photometric Data



Drawing



Applications

Outdoor - Neighborhoods, Parking Lots, Gas Stations, Parks, Walks

Mounting	Post top
THD	< 10
Power Factor	0.98
Housing	Die cast aluminum
Diffuser	Tempered glass
Internal Protection	IP 65
Impact Strength	IK 08
Weight	8.9 - 10.7 Kg
Efficacy	125 Lumens / Watt
Working Temp (ta)	60°C
Warranty	5 Years
Life Time	72,000 Hours
CRI	> 80

Certification

SASO 2902
UL Listed
LM79, ISTMT, TM21
Photobiological



Other Options

Dimming 0-10V
Photocell
Pole Slip Fitter
Cable suspended



Model	Power	Size (D x H x W)	Lumen	Voltage	CCT	Beam Angle
IP	25W	460 x 530 x 80 mm	3125 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	145°
	50W		6250 LM			
	75W		9375 LM			
	120W		15000 LM			





ST Series

L88

Applications

Outdoor - Neighborhoods, Parking Lots,
Main and Sub roads, Gas Stations, Parks

Mounting	Slip fitter - Pole
THD	< 10
Power Factor	0.95
Housing	Die cast aluminum
Diffuser	Tempered glass
Internal Protection	IP 66
Impact Strength	IK 09
Weight	4.4 - 6.8 Kg
Efficacy	150 Lumens / Watt
Working Temp (ta)	55°C
Warranty	5 Years
Life Time	100,000 Hours
CRI	> 80
Certification	SASO 2902 LM79, ISTMT, TM21 Photobiological

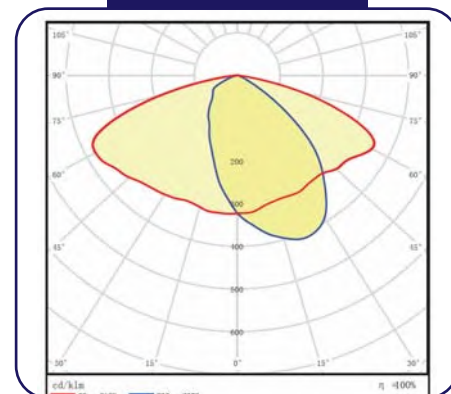


Other Options

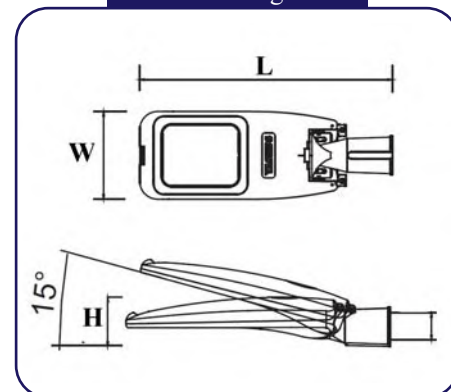
Dimming 0-10V
Photocell
High efficacy - 170LM/W



Photometric Data



Drawing



Model	Power	Size (L x W x H)	Lumen	Voltage	CCT	Beam Angle
L88	40W	558 x 195 x 108 mm	6000 LM	220-240V/50/60Hz 110-277V/ 50/60Hz	3000K 4000K 5700K	120°
	60W		9000 LM			
	80W	612 x 262 x 110 mm	12000 LM			
	100W		15000 LM			
	120W	677 x 280 x 116 mm	18000 LM			
	150W		23250 LM			

Environment friendly product that is free of any hazardous materials

