

# CATALOGUE 2022





*In Continuous quest to innovate and develop  
new energy efficient products - for sustainable living and  
making the world a better place for you and the coming generations.*

**H. R. Vaish**  
MD, Instapower Ltd.



# THE FUTURE IS

Green Energy, Sustainability, Renewable Energy



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 instapower

Instapower, a TUV certified ISO 9001 & 14001 organization, has been a leading name in LED lighting for over a decade. Promoted by an alumnus of IIT Delhi, Instapower is recognized as an R&D house by the Department of Scientific and Industrial Research, Government of India. Instapower has state-of-the-art testing equipments and conceives, designs and makes LED based products, including all electronics like led PCB's, LED drivers and fixtures. After final assembly, extensive in-house testing is done before supplying products to the market.

Instapower's management comprises top professionals from various prestigious universities from all over the world. It has two manufacturing units, equipped with state of the art manufacturing and testing equipment, employing over 150 personnel. It manufactures over a 100 products (details on [www.instapower.com](http://www.instapower.com)) and is accredited with 70 patents out of which 48 are in the LED lighting and energy efficiency domain.

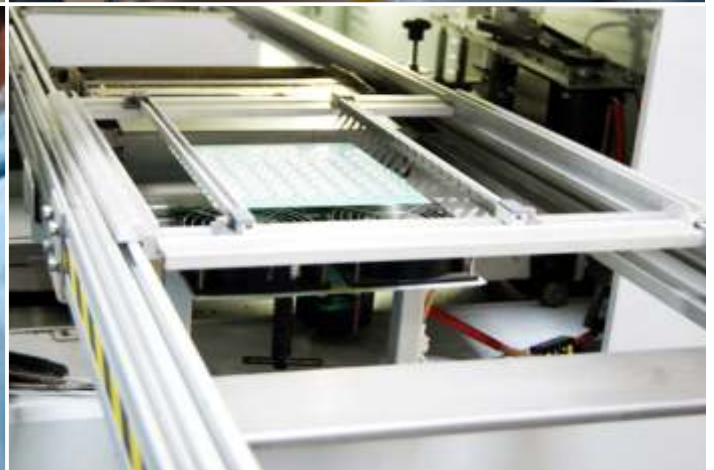
Instapower's vast product range is well accepted by various government, semi-government organizations/ institutions and private companies and has received satisfactory performance test certificates from them.

Its products have been supplied and installed at Rajpath, Pragati Maidan, Vigyan Bhawan, Nirman Bhawan and at other prestigious landmarks like Rashtrapati Bhawan and the Parliament House. Instapower has successfully supplied over 5,00,000 LED Lights to various customers in India & abroad.

Products are also being exported to over 30 countries in Africa, South East Asia, Middle East and South America besides UK, USA and Australia.

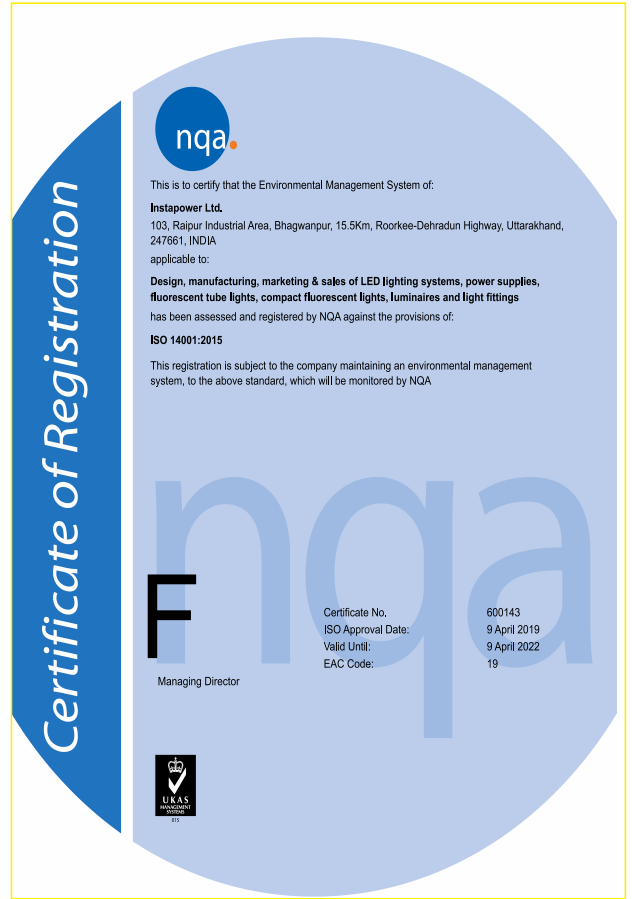








ISO 9001: 2008



ISO 14001: 2004

**भारत सरकार**  
केन्द्रीय लोक निर्माण विभाग  
पारदर्शिता और मानविकता (सी ई एन एम)  
एतुर्ध प्लॉ, केन्द्रीय भवन, सेक्टर-एच, अर्जीएम सिटी-16-220024  
दिल्ली-16। फोन : 011-2244544 फैक्स : 0522 2745704  
ई मेल : nqa@cpwd.gov.in

**श्री वी पी सिंह / ई-मेस**  
CPWD

दिनांक 02/05/2021

**कार्यालय धारणा**

**विषय: Approval of 'Insta Power' Brand.**

The 'Insta Power' range of M/s Insta Power Limited, is hereby approved for inclusion on the same in the list of preferred brands in NITs for works under jurisdiction of ADC (Region Lucknow), CPWD under the following E&M categories -

Sr.No.	Categories	Reference to standard Code (asmodee upto date)	Compliance of test fac.	Brand
1.	Indoor & outdoor 'LED Fittings' (Lamps)	IS:15653	Compliance of test fac.	'Insta Power'

This approval is valid for Two years from date of issue of this order. This is in addition to existing approved brands in this category. Performance of product shall be watched during this period and approval may be withdrawn in case of poor performance.

Further, the approval of sample & quality assurance shall be secured by the respective project in the stage as per agreement conditions and compliances of Indian standards/IEC/ISO/BSI/Indian and International standards (IEC/ISO/BSI) works/activities considered up to date.

Continuance of this approval for further renewal is subject to satisfactory quality performance of the product of the manufacturer and subject to validity of ISO-9001:2002 certificate of the manufacturer.

All E&M's are requested to send the performance report of product to this office. This letter with the approval of ADC (Region Lucknow), CPWD.

(अभिषेक कुमार)  
कार्यपालक अभियंता (शे.)

अतिरिक्त

(1) प्रमुख अभि. इलाका, वाराणसी, एनपीएमआर (ई ई शिल्प) के लोकोपयोगिता आदि प्रमाणों के माफिक (2) प्रमुख अभि. आगरा, वाराणसी इलाका के लोकोपयोगिता आदि प्रमाणों के माफिक (3) M/s Insta Power Limited, 5-9, Panch Sika Park, New Delhi-110017 (E-mail - instapower@instapower.com) किता. अधि - श्री. किशोर कुमार)

कार्यपालक अभियंता (शे.)

CPWD Approval

Tel:020-26334303  
241401/7/CMPT Approval/10/e2(P&C)  
All CEs Zones (List attached)

Headquarters  
Chief Engineer  
Southern Command  
04 Nov 2015

**APPROVAL OF PRODUCTS**

1. References:  
a) M/s Intapower Ltd letter no Instapower/UKD/MES-HQSC/15-16/2508 dt 25/8/15 and Instapower/UKD/ MES-hqsc/15-16/1210 dt 12/10/15  
b) E-in-C's Branch letter No A/37696/12-114/Pol/E2W (PPC) dated 05 Jun 15  
c) Standard Operating Procedure (SOP) for approval of construction material, products & technology (CMPT) for use in MES works in Southern Command AOR.

2. Provisional approval for two years is hereby accorded for following products. The products will be added to the "BOO for preparation of list of products alongwith their recommended brands for inclusion in contracts" in Appx 'H' (Items Provisionally Approved for Two Years) at ser No as shown against them:-

Sr. No.	Products	S.No. of Appx 'H'
(a)	LED Street Lights	11
(b)	LED Tube Lights/Bulbs	12
(c)	LED Panel (Moonlight)	13
(d)	LED Down light	14

3. Further continuation of the product will be decided by the annual board of officers for carrying out review of the existing "BOO for Preparation of List of Products along with their Recommended Brands for Inclusion in Tenders."

4. The approval does not absolve the executives/supervisory staff from their responsibility for using correct quality product. Approval of Stn Cdrs shall be obtained before incorporation of same in MES wks (procurement through E3/in tenders at tenderstage (through E8). Usage of product is subject to quality and performance of the product where warranty is not given. However if quality and performance is not found satisfactory in product having warranty their usage will be stopped immediately and will not be used in contracts where their name figures. Mandatory checks about the quality will be carried out as laid down and the records of the same maintained.

5. A brief of the product along with a copy of the literature/specifications/rate list/samples etc can be obtained directly from the firm at the address given below:-  
Office: 457, Udyog Vihar, Phase-V Gurgaon - 122016 (Haryana)  
Factory: Khasra No 103M, Raipur Industrial Area, 15.5 Km, Roorkee-Dehradun-Highway - 247661

(Anil Salunke)  
Lt Col  
SO-1 (P & C)  
For Chief Engineer

Copy to:  
HQ Southern Command Q (Wks) - for info Please  
Instapower Ltd: Your product is approved for usage in AOR of HQ CESC, Pune subject to provisions contained in this letter.

MES Southern Command Approval for LED Products



दूरभाष/TEL : 28962819, 28587373  
(EPADK) : 28565094, 28582130  
: 28565097, 28582144  
: 28562134, 28582122  
फैक्स/FAK : 28960629, 28529745

वेबसाइट  
INFORMATION Website : <http://www.dsir.gov.in>  
(अनुसंधान 9001-2008 प्रणाली विभाग)  
(ANUSANDHAN CERTIFIED DEPARTMENT)



भारत सरकार  
विज्ञान और प्रौद्योगिकी विभाग  
वैज्ञानिक और औद्योगिक अनुसंधान विभाग  
टेक्नोलॉजी भवन, नया महरौली मार्ग,  
पुणे दिल्ली - 110016

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
Department of Scientific and Industrial Research  
Technology Bhawan, New Mehrauli Road,  
New Delhi - 110016

Dated: 18<sup>th</sup> October, 2019

F. No. TU/IV-RD/2702/2019

To  
M/s Instapower Ltd.  
Plot No. 457, Udyog Vihar, Phase-V,  
Gurgaon - 122 016 (Haryana)

Subject: RENEWAL OF RECOGNITION OF IN-HOUSE R&D UNIT(s)

Dear Sirs,

This has reference to your application for shifting of R&D unit and renewal of recognition of your in-house R&D unit(s) beyond 31-03-2019 by the Department of Scientific and Industrial Research.

2. This is to inform you that it has been decided to accord renewal of recognition to the in-house R&D unit(s) of your firm at 103, Raipur Industrial Area, Bhagwanpur, Roorkee, Haridwar (Uttarakhand) shifted from 457, Udyog Vihar, Phase-V, Gurgaon (Haryana) upto 31.03.2022. Terms and conditions pertaining to this recognition are given overleaf.

3. Kindly acknowledge the receipt of this letter.

Yours faithfully,  
  
(Dr. S. K. Deshpande)  
Scientist - 'G'

DSIR Approval

Govt. of India  
(Technology Application and Standards Unit)  
Central Public Works Department  
Nirman Bhawan, New Delhi

No : 147/SE(TAS)/App. Of Consultant/2010/187-E Dated: 6/7/2010

**Office Memorandum**


As per the recommendations contained in the interim report of Products Approval Committee for LED Lighting Fixtures submitted to this Directorate vide no. 26(4)/CE(E)/DR/SE(E)S&S/2001/361 dated 16/6/2010, the Director General of Works is pleased to approve the following six firms provisionally for a period of two years or till the outcome of final report whichever is earlier.

- M/s Philips
- M/s Osram
- M/s Wipro
- M/s Crompton
- M/s Bajaj
- M/s Instapower

However, above provisional approval is subject to the following limitations and conditions:

- Since the LED fixtures are very expensive, decision to provide LED fittings be taken selectively and where it is considered to do so in the interest of work.
- Feedback on the performance of LED fittings be sent to S&S Unit for consideration.
- While selecting LED fittings suitable guarantee be taken from the manufacturer for life and quality of the fittings.
- NIT approving authority to decide technical requirements and in accordance with CVC guidelines.
- The matter will be placed before Specification Committee for E&M Works for wider consultation and recommending guidelines for selection of LED fittings for various applications and for implementation of NMCC's recommendation.
- Based on feedback, application of LED fittings be increased gradually.
- The matter to be reviewed after standard & test protocol of LED fittings are issued by BIS and test facilities are established by CPRI.

The approval given above does not absolve the executive/supervisory officer from their overall responsibility for using this product. It is only after they are satisfied about the quality, rate and performance; the product shall be used. To achieve this, proper check on the quality of the product actually to be used should be exercised.

This issues with the approval of DG(W).  
  
Superintending Engineer (TAS)

Copy to: The PPS to the Director General (Works), CPWD, A-Wing, Nirman Bhawan, New Delhi-110011.

CPWD Approval

Project Engineering Manager

**Bharat Heavy Electricals Limited**  
(A Govt. Of India Undertaking)

PEE30-SVD-4CD-NK  
06.08.2010



Dated: 06.08.2010

To  
M/s Instapower Ltd.  
S-18, Panchshila Park,  
New Delhi-110017

Attn: Satyajit R Vaish (Executive Director)  
Subject: Sub-Vendor registration for Aviation Obstruction Lights

Sr,

- We are pleased to inform that you have been enlisted for the supply of LED based Low and Medium Intensity Aviation Obstruction Lights and Xenon based High intensity aviation obstruction lights.
- In order to complete and participate in tenders, please contact our main vendor.
- Under no circumstances, BHEL will resolve any dispute between our main vendor & your company.
- All future changes in your company structure, organisation, equipment & testing facilities may please be immediately communicated to us.
- In the month of April every year following information shall be furnished in two sets-  
a) Details of major jobs executed.  
b) Financial Report of the reporting year.  
c) Latest catalogues.
- Your registration no is INS1  
Please quote this number in all future correspondence with us and with our main vendor.
- We hope that you will maintain a good customer supplier relationship by helping us in meeting our commitments for the projects.
- Sub-vendor's enlistment will be reviewed after a period of two years based on performance certificate of the products for the current ongoing projects including thermal power stations.
- Please note that this registration letter supersedes our earlier registration letter dated 26-02-2010 on the same subject.

Please acknowledge the receipt of this letter.  
Thanking You.

Yours Faithfully,  
For & on behalf of BHEL  
  
Nilesh Kanai  
Sr. Engineer (PEM-Electrical)

BHEL Approval

Fax: 91-052-2467717  
Telephone: 052-2467739  
Telegrams: 4812992/tele 42502  
Telegram: 'RAMMANAK', Lucknow



दूरभाष - 2467717  
दूरभाष अधिकारी - 2467739  
दूरभाष - 2467739  
Government of India - Ministry of Railways  
Research, Design & Standards Organization,  
LUDHIANA - 110021

No. EL/E.4.6/ Instapower Date 07.09.2017

<p>M/s. Instapower Ltd. Office address M/s. Instapower Ltd. S-19, Panchshila Park, New Delhi-110017 Fax No. 011-26014770 Email id <a href="mailto:sales@instapower.com">sales@instapower.com</a></p>	<p>Works address M/s. Instapower Ltd. Khasra No. 103 M, Raipur Industrial Area, Bhagwanpur 15.5 KM, Roorkee Dehradun Highway-247861 Uttarakhand."</p>
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Sub : Revalidation of registration of Emergency light unit for Conventional SG coaches as per RDSO's specification no RDSO/PE/SPEC/AC/0180-2016/Rev-0) and RDSO Drawing No. RDSO/PE/SK/TL/0180-2016/Rev-0) \*\*\*\*\*

M/s. Instapower Ltd. (Part I source as on 31.12.2016 for Emergency light Unit as per ICF specification no. ICF/Elec/917/Rev-1) ) is hereby revalidated for manufacture and supply of Emergency light unit for Conventional SG coaches as per RDSO's specification no RDSO/PE/SPEC/AC/0180-2016/Rev-0) and RDSO Drawing No. RDSO/PE/SK/TL/0180-2016/Rev-0) with effect from 07.09.2017 subject to the enclosed 'terms and conditions'.

DA: As above  
  
(Yogesh Kumar)  
DSE/TL-AC System Design  
For Director General/PS&EMU

Copy to:-  
1. सचिव विद्युत/जी.एन.के.ई.ई., रेलवे, रेलमंत्रालय नई दिल्ली- 110 001  
2. मुख्यालय/जी.एन.के.ई.ई.  

- पूर्विले, बेंगलूर- 700 001
- उत्तरांचल, कलकत्ता, नई दिल्ली- 110 001
- काठमांडू, मुंबई सी एस टी - 400 001
- पश्चिम बंगाल, कोलकाता, मुंबई- 400 030
- दिल्ली, पानडोला, चेन्नई- 600 003
- पूर्व मध्य रेलवे, इलाहाबाद, मिर्जापुर, बिहार- 844 101
- पूर्व रेलवे, ई-2, रेलवे, चण्डीगढ़, पुणे, 761 023 (राजिवा)
- पुणे रेलवे, इंदौर, बलार, मुंबई, इलाहाबाद- 211 033
- पूर्विले, गोरखपुर- 273 001
- उत्तरांचल, जयपुर- 302 006

( RAMESH SALENAD )  
Secy. TO COS  
For Controller of Stores

Approval from Southern Central Railway, Hyderabad



Phone : CR - 91-522-2465750  
Rly. Off - 42652  
Fax : 91-522-2452332  
e-mail : rdsodso@gmail.com



Government of India - Ministry of Railways  
Research Designs & Standards Organisation  
LUCKNOW - 226011  
Room No. 206A, II floor,  
Signal Directorate, Anansa-I Building,  
Manak Nagar, LUCKNOW - 226011

File No.08/2013/CSC/SEC 498  
Government of India  
Ministry of New & Renewable Energy  
Solar Energy Centre

**By Speed Post**

No.: STS/IEEL-LED/INSTAPOWERTEINTEGRATED Vol. II    Date: 16/01/2016  
**SPEED POST**

**M/s Instapower Limited,**  
103, Raipur Industrial Area, Bhagwanpur,  
15.5 Km, Roorkee Dehradun Highway,  
Uttarakhand-247661, India.

E-mail: info@instapower.com  
FAX: 0133-2235111

**Sub:** Inclusion of M/s Instapower Limited, Uttarakhand in the "Vendor Directory (Signal & Telecom)" for "Vendors for Developmental Orders" for the item "LED Signal Lamps for Main Colour Light Signals for Railway Signalling" as per specification no. RDSO/SPN/199/2010 Rev. 1.0

**Ref:** Online application (Vendor reference ID No. QAS2014/1695 dated 30.09.2014)

Vide online application reference above, firm had applied for fresh registration. After satisfactory processing, Competent Authority has approved the inclusion of the below mentioned firm in the "Vendor Directory (Signal & Telecom)" as "Vendor for Developmental Orders" for the items given below :-

- Firm's Name & Address**

Name of the Firm	Office Address	Work Address
M/s Instapower Limited,	103, Raipur Industrial Area, Bhagwanpur, 15.5 Km, Roorkee Dehradun Highway, Uttarakhand-247661, India.	103, Raipur Industrial Area, Bhagwanpur, 15.5 Km, Roorkee Dehradun Highway, Uttarakhand-247661, India.

- Item for which approved**

SN	Item Description	Drawing	Specification
1	LED Signal Lamps for Main Colour Light Signals for Railway Signalling	Nil	RDSO/SPN/199/2010 Rev. 1.0

- Capacity- 91,500 nos. annual (as per on line application for the item of the firm).
- Date of Approval- 15.01.2016

Terms and conditions mentioned overleaf shall be followed by the firm M/s Instapower Limited, Uttarakhand.

Ajay Verma  
Director(Signal-II)  
for Director General/Signal

Copy to: ED/DA/S&T/RDSO, Lucknow. For kind information and necessary action please.

Page 3 of 2

File No.08/2013/CSC/SEC 498  
Government of India  
Ministry of New & Renewable Energy  
Solar Energy Centre

**By Speed Post**

19th Milestone, Gurgaon-Faridabad Road,  
P.O. Gwal Pahari, Distt. Gurgaon, Haryana  
Telefax No. 0124-2579207

Dated: 12.06.2013

To  
M/s Instapower Ltd., Gurgaon  
457, Udyog Vihar, Phase V, Gurgaon - 122001

**Subject: Forwarding of Test Report - Reg.**

Ref: Your letter dated 09/04/2013 submitting LED Solar Lantern testing for at SEC

Dear Sir,

Please refer to your letter cited under reference on the above subject. In this connection I am directed to enclose herewith the **Test Report No. 143/1013/2013/1/1/SL** in respect of your submitted samples in original, for ready reference and record.

Discrepancies, if any observed, in respect of any of the entries contained in the above report should be brought to the notice of this office within **30 days** from the date of issue of this letter, failing which it will be presumed that the entries therein are in order and no further correspondence will be entertained thereafter in this particular report.

Further you are also requested to collect your samples at your cost within **30 days, positively**, from the date of issue of this letter failing which SEC will not be responsible for the loss/damage for your sample.

I am enclosing a Feed Back Form. I request you to fill up this form and send us the same as soon as possible. Your suggestions are very valuable for us to make our further planning/corrective action/ improving the quality of service. Kindly acknowledge the receipt.


Note: Based on the testing conducted at SEC, the system meets the Performance requirement as per the latest MNRE specifications.

Prepared by: *(Signature)*  
Approved by: *(Signature)*    Issued By: *(Signature)*


Test Report No.	Total No. of pages	Page No.
143/1013/2013/1/1/SL	4	3

RDSO Approval for Railway Signaling

MNRE Approval for Solar Lantern, Solar Energy Centre



पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड  
POWER GRID CORPORATION OF INDIA LIMITED  
(A Government of India Enterprise)



REF: C/ENGG/AUX/ZERO ENGG/LA/INSTA    DATE: 06.08.2019

**M/s INSTAPOWERT LTD.**  
Corporate office: C72, Shivaji  
New Delhi-110017

**Attn: Mr. Amit Bhargava- Territories Head**

Dear Sir,

**SUB: LED LUMINARIES OF INSTAPOWER, AGAINST TECHNICAL SPECIFICATION NO. C/ENGG/SPEC/L.S REV. NO: 07.**

**RE: Standard Approval of Data Sheet of LED Fixtures, LM-79 & LM-80 as per Annexure-1.**

Please refer to your submission of Drawings pertaining to LED luminaires therein submitting subject documents for our acceptance. The Drawings & test reports have been reviewed at our end and our observation/acceptance on the same is given under Annexure-1.

Acceptance/Approval conveyed herein neither relieve the sub-vendor/contractor for subject item(s) of his contractual obligations and his responsibilities for correctness of dimensions, material or constructions, weight quantities, design details, assemble kits, performance particulars and conformity of the supplies with the Indian Statutory Laws, as may be applicable, nor does it limit the Purchaser's right under the specific contract.

**Additional Remarks:**

- The approval/acceptance conveyed herein is generally applicable with Rev 07 of subject lighting technical specification for supply & installation of items listed in Annexure. In case of any change in the revision of technical specification, separate approval shall be obtained by manufacturer.
- The approval does not cover any specific requirements, if any of a particular project. Approval in this regard is to be obtained separately by the concerned project group.
- The contractor shall obtain Project specific approval for supply of subject item(s) by extension of this approval as applicable.
- IP-20 shall be conducted for SL-1, RL-1, SC-1, RC-1, SSQ-1 & RSQ-1 during Routine Inspection.
- THD shall be conducted for all Fixtures during Routine Inspection.

Thanking you,

Yours faithfully,  
**(SANJAY THAKUR)**  
General Manager  
Engineering Department

Save Energy for Benefit of Self and Nation

Power Grid Corporation of India Limited (PGCIL) for LED Products



पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड  
POWER GRID CORPORATION OF INDIA LIMITED  
(A Government of India Enterprise)



REF: C/ENGG/AUX/ZERO ENGG/LA/INSTA    DATE: 06.08.2019

**Annexure-1**

Sl. No.	Description	Model No.	Drawing No.	CM
1	Surface Mounted Linear LED Tube with Box	SL-1	-	1
2	Recessed Mounted F.A. 1 Foot LED Panel	RL-1	-	1
3	Surface Mounted Circular LED Downlight Luminaire	SC-1	-	1
4	Recessed Mounted Circular LED Downlight Luminaire	RC-1	-	1
5	Surface Mounted 2X7 LED Luminaire	SSQ-1	-	1
6	Recessed Mounted 2x7 LED Luminaire	RSQ-1	-	1
7	LED Indoor High Bay	HL	-	1
8	Surface Mounted Bulk Head	BL	-	1
9	LED Street Light Luminaire	SL-A, I	-	1
10	Pole Mounted LED Post Top Luminaire	SL-DI	-	1
11	LED Flood Light Luminaire	FL-1	-	1
12	LED Flood Light Luminaire	FL-2	-	1
13	LM-79 Surface Mounted Linear LED Tube with Box	INSTA TUBE LIGHT- (1)-2019 DATED 27.07.2019	-	Generally in Order
14	LM-79 Recessed Mounted 1 x 1 Foot LED Panel	TYPE - RL-1-CBS-2019 DATED 20.07.2019	-	Generally in Order
15	LM-79 Surface Mounted Circular LED Downlight Luminaire	INSTA DOWN LIGHTER-(1)-2019 DATED 27.07.2019	-	Generally in Order
16	LM-79 Recessed Mounted Circular LED Downlight Luminaire	INSTA DOWN LIGHTER-114-2019 DATED 27.07.2019	-	Generally in Order
17	LM-79 Surface Mounted 2X7 LED Luminaire	TYPE SSQ-1-PL1 40W-111-2019 DATED 22.07.2019	-	Generally in Order
18	LM-79 Recessed Mounted 2x7 LED Luminaire	TYPE RSQ-1-PCL 40W-112-2019 DATED 22.07.2019	-	Generally in Order
19	LM-79 LED Indoor High Bay	PL-485-198-2018 DATED 23.01.2018 & 201808002 DATED 06.03.2018	-	Generally in Order
20	LM-79 Surface Mounted Bulk Head	BLKA HEAD LIGHT 18L-116-2019 DATED 27.07.2019 & 201905002 DATED 19.04.2019	-	Generally in Order
21	LM-79 LED Street Light Luminaire	PL-SL-194-2017 DATED 23.01.2017 & 201806002 DATED 14.04.2018	-	Generally in Order
22	LM-79 Pole Mounted LED Post Top Luminaire	PL-PT-191-2017 DATED 23.01.2017 & 201806002 DATED 19.04.2019	-	Generally in Order
23	LM-79 LED Flood Light Luminaire	PL-FL-195-2018 DATED 23.01.2018 & 201806002 DATED 06.03.2018	-	Generally in Order
24	LM-79 LED Flood Light Luminaire	PL-FL-187-2018 DATED 23.01.2018 & 201806002 DATED 06.03.2018	-	Generally in Order
25	LM-80 for LED Chip (MVA Sampling make)	REPORT NO. SLED 16-039 DATED 21.07.2016	-	Generally in Order

With the above, LM79 & LM-80 Test requirement for the above Fixtures as per technical specification is complete.

(SANJAY THAKUR)  
General Manager  
Engineering Department

Save Energy for Benefit of Self and Nation

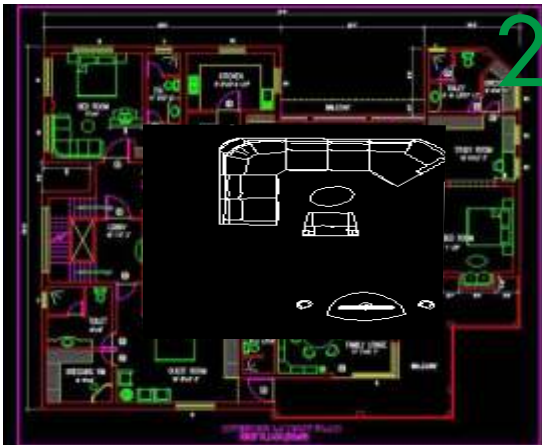
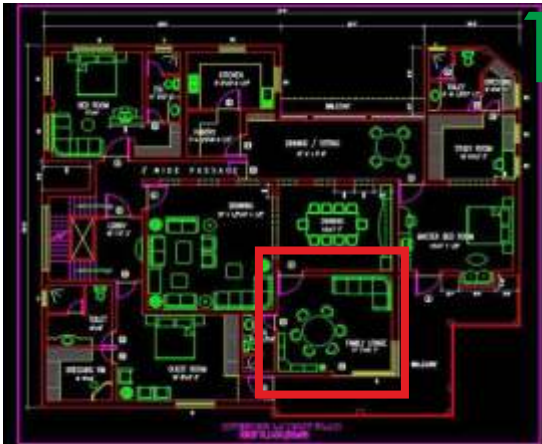
Power Grid Corporation of India Limited (PGCIL) for LED Products



Lighting Design Software.

Instapower offers end to end solutions for lighting design using Dialux & Relux. These software help in planing the architect/electrical consultants the light level required.

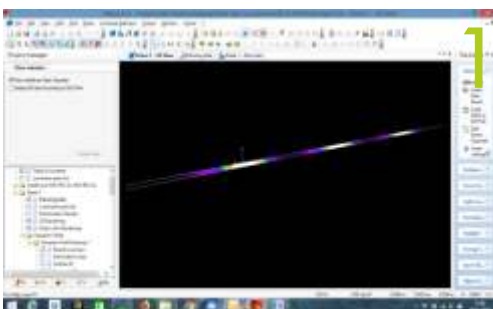
## Indoor Illuminance



# DIALUX



## Outdoor Illuminance



# DIALUX

- |                            |                        |
|----------------------------|------------------------|
| Luminaire                  | • 48W LED Street Light |
| Luminous flux (Luminaire): | • 4800 lm              |
| Luminous flux (Lamps):     | • 4800 lm              |
| Luminous Wattage:          | • 48,1 W               |
| Arrangement:               | • Single row, bottom   |
| Pole Distance:             | • 15.00 m              |
| Mounting Height (1):       | • 5.00 m               |







Colour Key used in catalogue for Fixtures and LEDs

CW	Cool White
WW	Warm White
NW	Neutral White
W	White
R	Red
G	Green
B	Blue
Y	Yellow
RGB	Red, Green, Blue color mixing
SS	Stainless Steel
WPC	White Powder Coated
AL	Aluminum Finish

IP Chart

First Number	Protection Against Solid Objects	Second Number	Protection Against Water
0	No protection	0	No protection
1	Protected against solid objects over 50mm (e.g.) accidental touch by hands)	1	Protected against very cally falling drops of water
2	Protected against solid objects over 12mm (e.g. figures)	2	Protected against vertical direct 5 prayi up to 15°
3	Protected against solid objects over 2.5mm (e.g. tools and over)	3	Protected against vertical direct 5 prayi up to 60°
4	Protected against solid objects over 1mm (e.g. toots, wires and small wires)	4	Protected against sprays from all directions – lomed ingress permitted
5	Protected against dust-limited ingress (no harmful deposit)	5	Protected against low pressure just pf water from all directions - limited ingress permitted.
6	Completely protected against dust	6	Protected against strong jets of water (e.g. for use on this desk) limited increase permitted.
		7	Protected against the effects of temporary immersion between 15 cm and 1m tested for minutes
		8	Protected against long periods of incursion under pressure

Colour Temperatures

Correlated Color Temperature (CCT) relates to the color of light produced by a light source, measured in degrees Kelvin. Imagine a piece of tungsten metal being heated. As it is heated the color of the metal will gradually shift from red to orange to yellow to white to bluish white. The color of light is measured along this scale, with the more orange color light being referred to as "warm white" and the whiter color light being referred to as "cool white". The table below lists the color temperature of various light sources. Realize that the color temperature of specific products may fall out of the ranges listed below.

CCT (Degrees)

1500 K	candle	warm
1800 K	sunlight at dawn	warm
2000 K	high pressure sodium light	warm
2700 K	conventional incandescent light	warm
2800 K	warm white fluorescent light	warm
3000 K	halogen light	warm
4000 K	cool white fluorescent light	neutral
5000 K	sunlight at midday	cool
6000 K	mercury vapor light	cool
6500 K	daylight flourescent light	cool

Warm color temperatures tend to enhance red and orange colors, adding a yellow tint to white items, and are typically used in homes and restaurants. Neutral color temperature lights do not bring out any particular color, and are common in retail stores. Cool color temperature lights enhance blue colors, adding a bluish color to white items, and are often used in hospitals and offices.

DISCLAIMER :

Care has been taken to ensure accuracy of the content provided in this catalogue. However, in case any information provided herein is found to be incorrect - either due to a printing error or due to oversight - the same may be brought to Instapower's notice. The rectification shall be communicated (only) through an official notification from the company.

Details of gear used in the Luminaire are available on request from the manufacturer.

In the event of failure of any component, a replacement could be sought in consultation with the manufacturer. Due to ongoing and continuous technological innovations and product enhancements, Instapower reserves the right to modify the product specifics and other data provided in this catalogue without any prior notice. Kindly check for exact product details- description and specifications - at the time of placing an order.





Downlights @ President House, New Delhi



Ceiling Lights/Downlights @ Indus Tower, Gurgaon



Ceiling Lights @ Safdarjung Hospital, New Delhi



Lighting @ An office, New Delhi



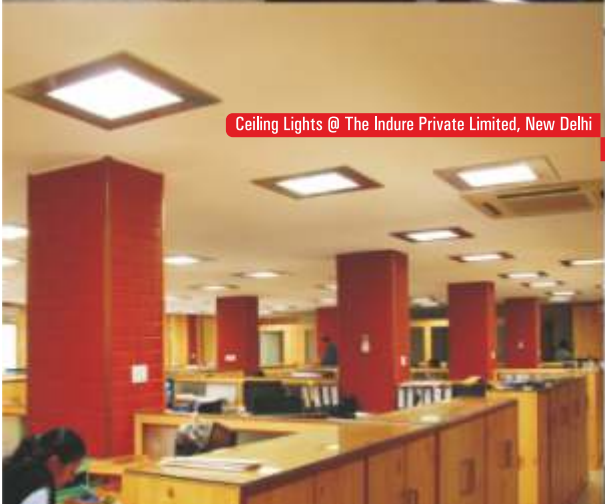
MR16 @ Jewellery showroom, Gold Souk, Gurgaon



Ceiling/downlights @ Apollo Hospital, New Delhi



Ceiling Lights @ An office, New Delhi



Ceiling Lights @ The Indure Private Limited, New Delhi



Downlights @ Jewellery showroom, Gold Souk, Gurgaon





Solar Street Lights @ an rural area of UP



Street Lights @ Sector-14, Gurgaon under an Pilot project



Post Top Lantern @ Vijaypath Rajghat, New Delhi



Architectural Lights @ Janeshwar Mishra Park, Lucknow



Street Lights @ Metro Station, Faridabad



Architectural Lights @ Bikaner Railway Station, Rajasthan



Display Board @ Manali, Himachal Pradesh

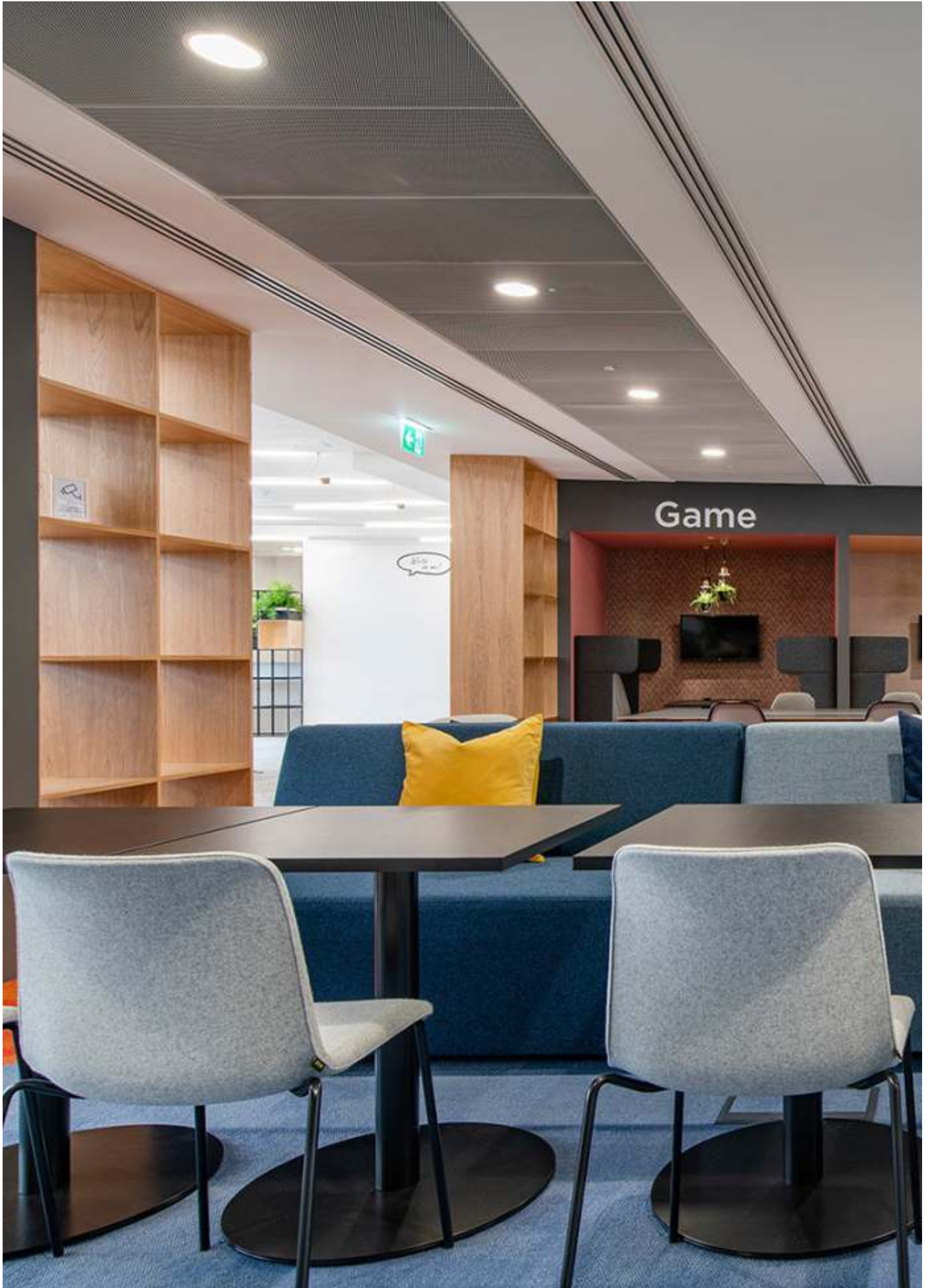


Architectural Lights @ Rail Bhawan, New Delhi



Solar Aviation Lights @ Udaipur Airport, Rajasthan











## D-Lite R iCare

D-Lite R iCare is a new generation glare-free lighting. This product is slim with more than 60% energy saving.

- Recess mounted
- Attractive aesthetics
- Glare free lighting
- Ideal for hospitals, laboratories, offices
- Two springs on opposite sides for easy installation within ceiling
- Separate electronic driver cabin

Type	• SMD
IP Rating	• 50
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW/NW
Luminous Efficacy	• > 85 lm/W
CRI	• > 80
Power Factor	• > 0.98
THD	• < 15%

Code	• 201 198 14.24.2
Power Consumption	• 12W
Product Dimensions (axb)	• 150 x 25 mm
Cutout Dia	• 125 mm

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Code	• 201 198 14.30.3
Power Consumption	• 15W
Product Dimensions (axb)	• 170 x 25 mm
Cutout Dia	• 145 mm

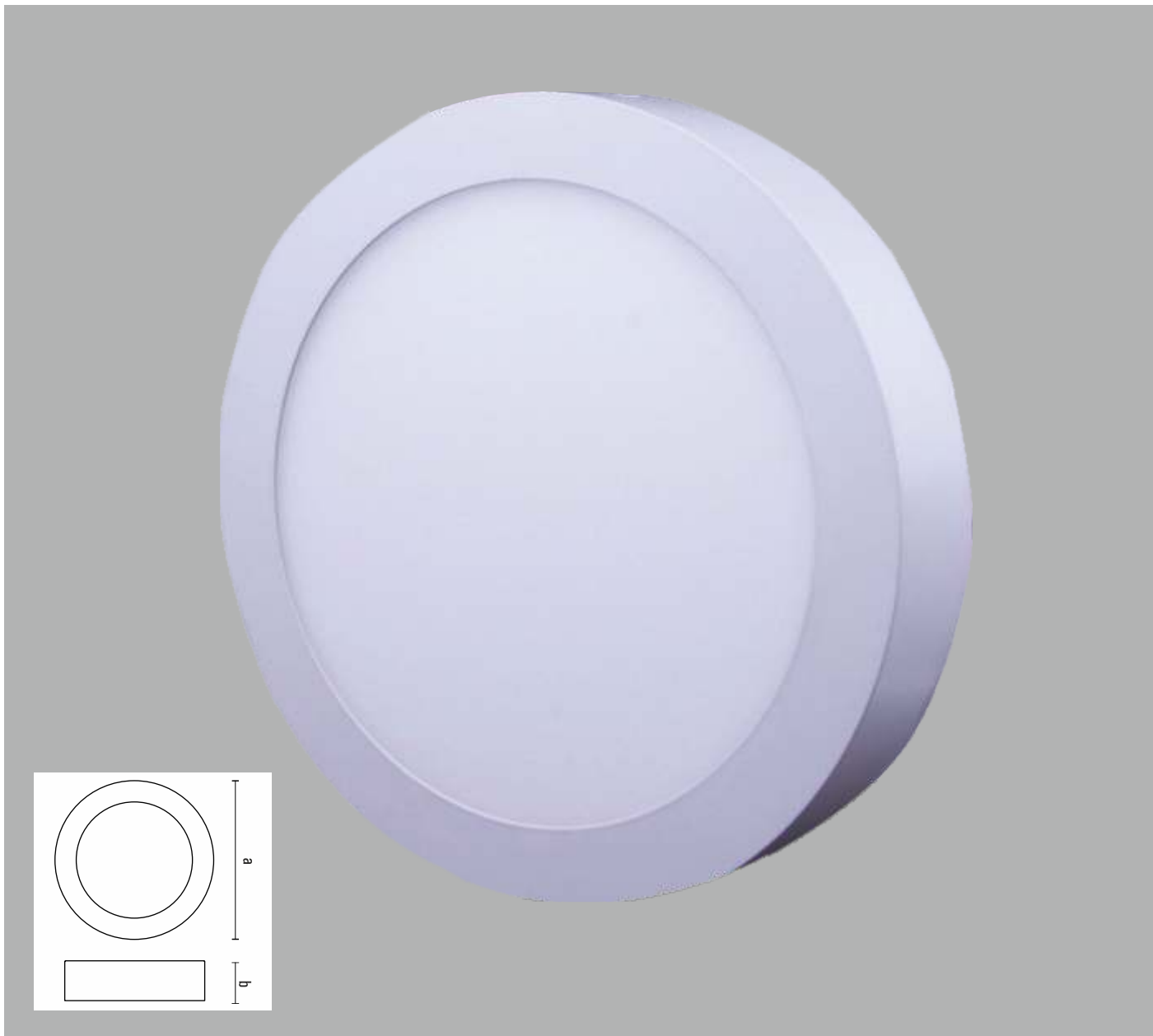
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Code	• 304 143 123.18
Power Consumption	• 18W
Product Dimensions (axb)	• 170 x 25 mm
Cutout Dia	• 145 mm

---

Code	• 304 143 123.24
Power Consumption	• 24W
Product Dimensions (axb)	• 200 x 25 mm
Cutout Dia	• 175 mm





## D-Lite x-Slim (R)

D-Lite x-Slim is used for general indoor applications with over 50% energy saving as compared to CFL luminaires.

- Surface mounted
- Slim and light weight
- PMMA diffuser for uniform distribution of light
- No hot spots

Type	• SMD
IP Rating	• 50
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 85 lm/W
CRI	• > 80
Power Factor	• > 0.98
THD	• > 15%

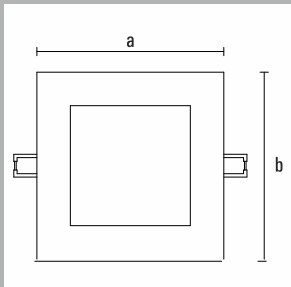
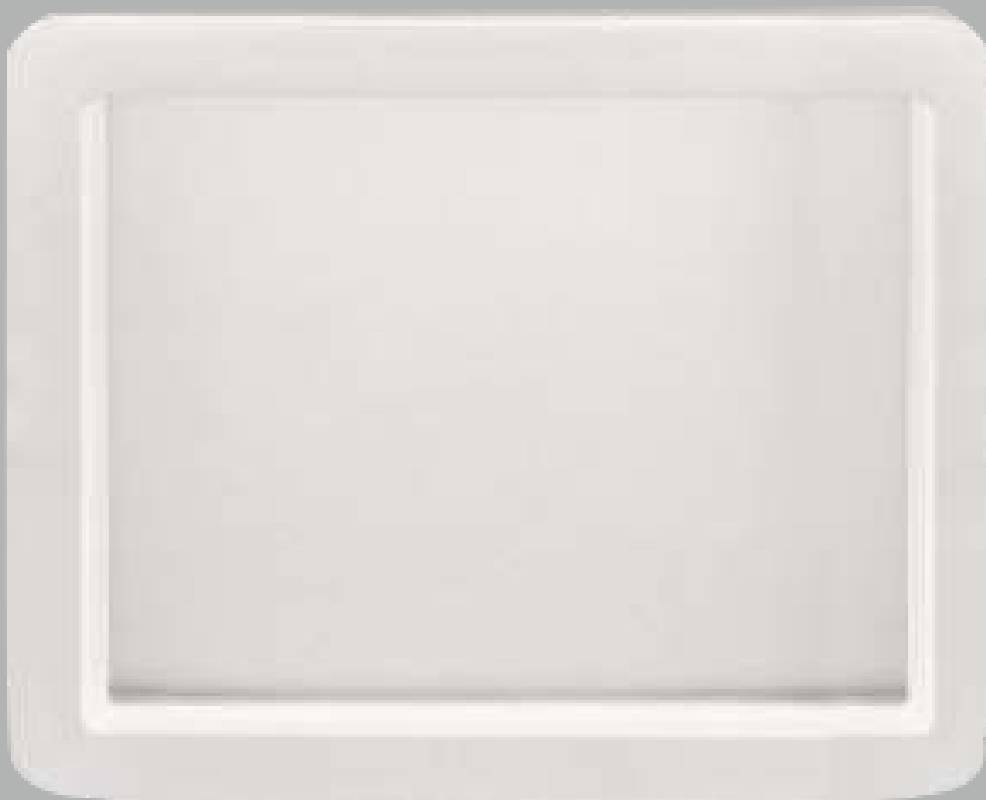
Code	• 11 01 12.1
Power Consumption	• 10 W
Fixture Dimensions (axb)	• 114 mm

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Code	• 11 01 12.2
Power Consumption	• 16 W
Fixture Dimensions (axb)	• 168 mm

---

Code	• 306 143 123.18
Power Consumption	• 24 W
Fixture Dimensions (axb)	• 211 mm



## D-Lite S iCare

D-Lite S iCare is a new generation glare-free lighting. This product is slim with more than 60% energy saving.

Type	• SMD
IP Rating	• 50
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW/NW
Luminous Efficacy	• > 85 lm/W
CRI	• > 80
Power Factor	• > 0,98
THD	• < 15%

- Recess mounted
- Attractive aesthetics
- Glare free lighting
- Ideal for hospitals, laboratories, offices
- Two springs on opposite sides for easy installation within ceiling
- Separate electronic driver cabin

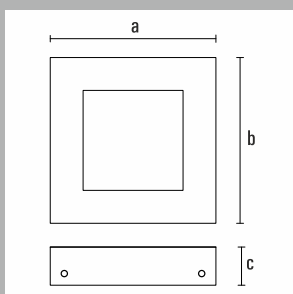
Code	• 200 196 14.12.2
Power Consumption	• 6W
Product Dimensions (axb)	• 120 x 120 mm
Cutout Size	• 110 x 110 mm

Code	• 200 196 14.24.1
Power Consumption	• 12W
Product Dimensions (axb)	• 170 x 170 mm
Cutout Size	• 160 x 160 mm

Code	• 200 196 14.30.1
Power Consumption	• 16W
Product Dimensions (axb)	• 150 x 150 mm
Cutout Size	• 140 x 140 mm

Code	• 303 143 123.18
Power Consumption	• 18W
Product Dimensions (axbxc)	• 225 x 225 mm
Cutout Size	• 210 x 210 mm





## D-Lite x-Slim (S)

D-Lite x-Slim is used for general indoor applications.

Type	• SMD
IP Rating	• 50
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 85 lm/W
CRI	• > 80
Power Factor	• > 0.98
THD	• < 15%

- Surface mounted fixture
- Slim and light weight
- PMMA diffuser for uniform distribution of light
- No hot spots

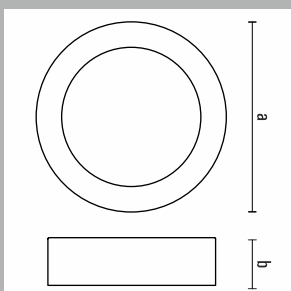
Code	• 11 01 12.05
Power Consumption	• 10W
Fixture Dimensions (axbxc)	• 120x120x40 mm

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Code	• 11 01 12.06
Power Consumption	• 16W
Fixture Dimensions (axbxc)	• 180x180x40 mm

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Code	• 305 143 123.18
Power Consumption	• 24W
Fixture Dimensions (axbxc)	• 240x240x40 mm



## I-Glow (R)

D-lite is used for general indoor applications and is glare free.

Type	• SMD
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW/NW
Luminous Efficacy	• > 85 lm/W
CRI	• > 80
Power Factor	• > 0.9

- Round recessed fixture
- Deep diffused and light weight
- PMMA diffuser for uniform distribution of light
- No hot spots

Code	• 771906.09
Power Consumption	• 9W
Product Dimensions (axb)	• 105x40 mm
Cutout Dia	• 95 mm

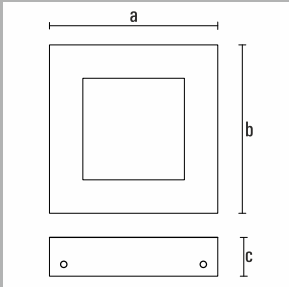
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Code	• 771906.15
Power Consumption	• 15W
Product Dimensions (axb)	• 132x40 mm
Cutout Dia	• 120 mm

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Code	• 771906.20
Power Consumption	• 20W
Product Dimensions (axb)	• 154x40 mm
Cutout Dia	• 135 mm





## I-Glow (S)

D-lite is used for general indoor applications and is glare free.

Type	• SMD
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW/NW
Luminous Efficacy	• > 85 lm/W
CRI	• > 80
Power Factor	• > 0.9

- Square recessed fixture
- Deep diffused and light weight
- PMMA diffuser for uniform distribution of light
- No hot spots

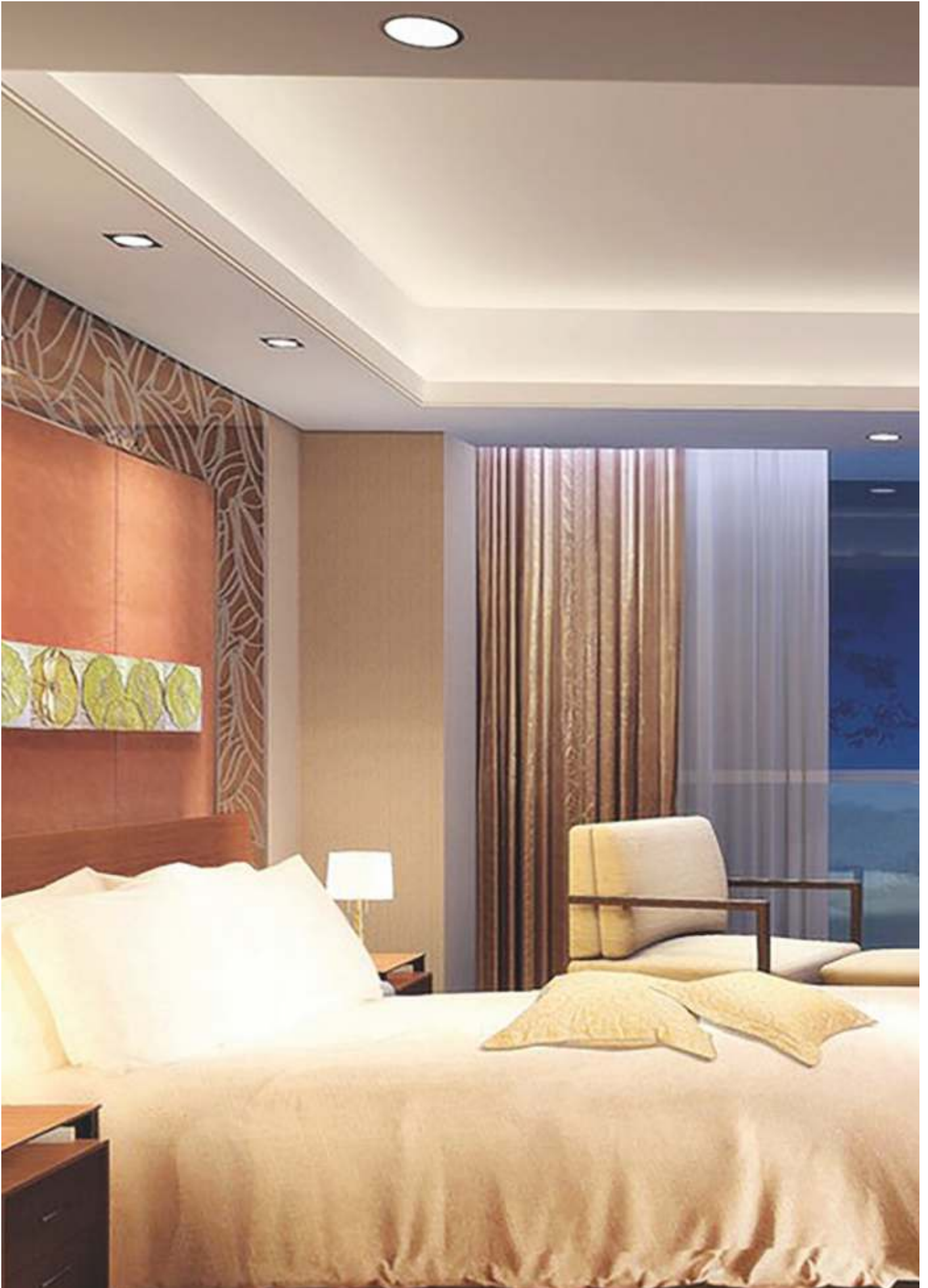
Code	• 771907.09
Power Consumption	• 9W
Product Dimensions (axbxc)	• 110 x 110x48 mm
Cutout Dia	• 99x99 mm

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Code	• 771907.15
Power Consumption	• 15W
Product Dimensions (axbxc)	• 145 x 145x55 mm
Cutout Dia	• 133x133 mm

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Code	• 771907.18
Power Consumption	• 18W
Product Dimensions (axbxc)	• 160x160x55 mm
Cutout Dia	• 148x148 mm





## LED Spot Light

Spot light is a low heat light for art galleries, retail showrooms and home decor. It is recessed mounted and has attractive aesthetics.

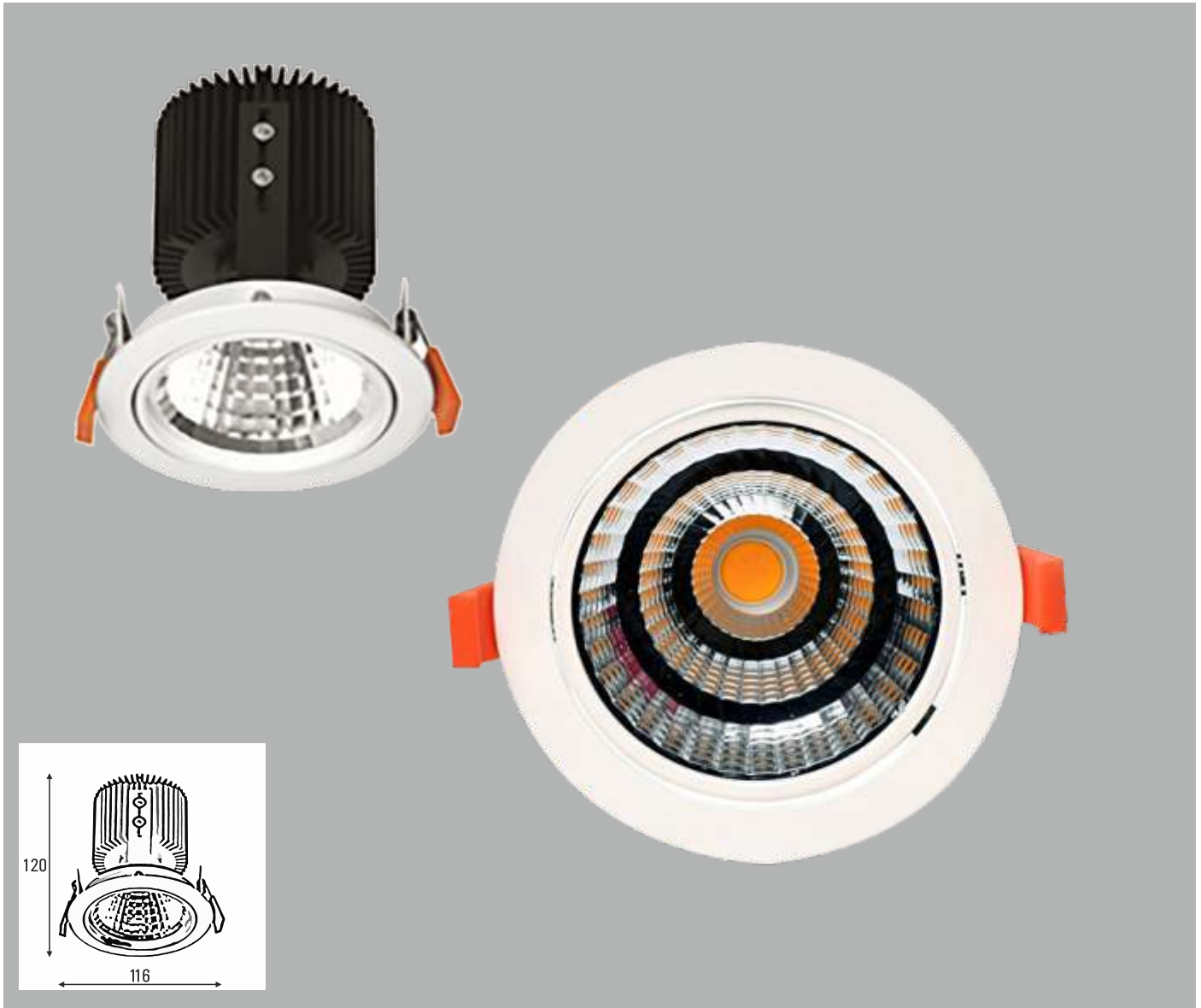
### Accessories : (Optional)

- Dimmable Driver
- Honeycomb Louvers

Type	• COB
IP Rating	• 50
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 90 lm/W
CRI	• > 75
Power Factor	• > 0.9
THD	• < 20%

Code	• 202.01.13
Power Consumption	• 7W
Total Luminous	• 780 lm
Product Dimension (mm)	• 100 x 80
Cutout size (mm)	• 85
-----	
Code	• 202.01.14
Power Consumption	• 12W
Total Luminous	• 1150 lm
Product Dimension (mm)	• 100 x 80
Cutout size (mm)	• 85
-----	
Code	• 202.01.15
Power Consumption	• 23W
Total Luminous	• 1610 lm
Product Dimension (mm)	• 138 x 100
Cutout size (mm)	• 120
-----	
Code	• 202.01.16
Power Consumption	• 33W
Total Luminous	• 2300 lm
Product Dimension (mm)	• 160 x 102
Cutout size (mm)	• 145





## Visio Spot Light

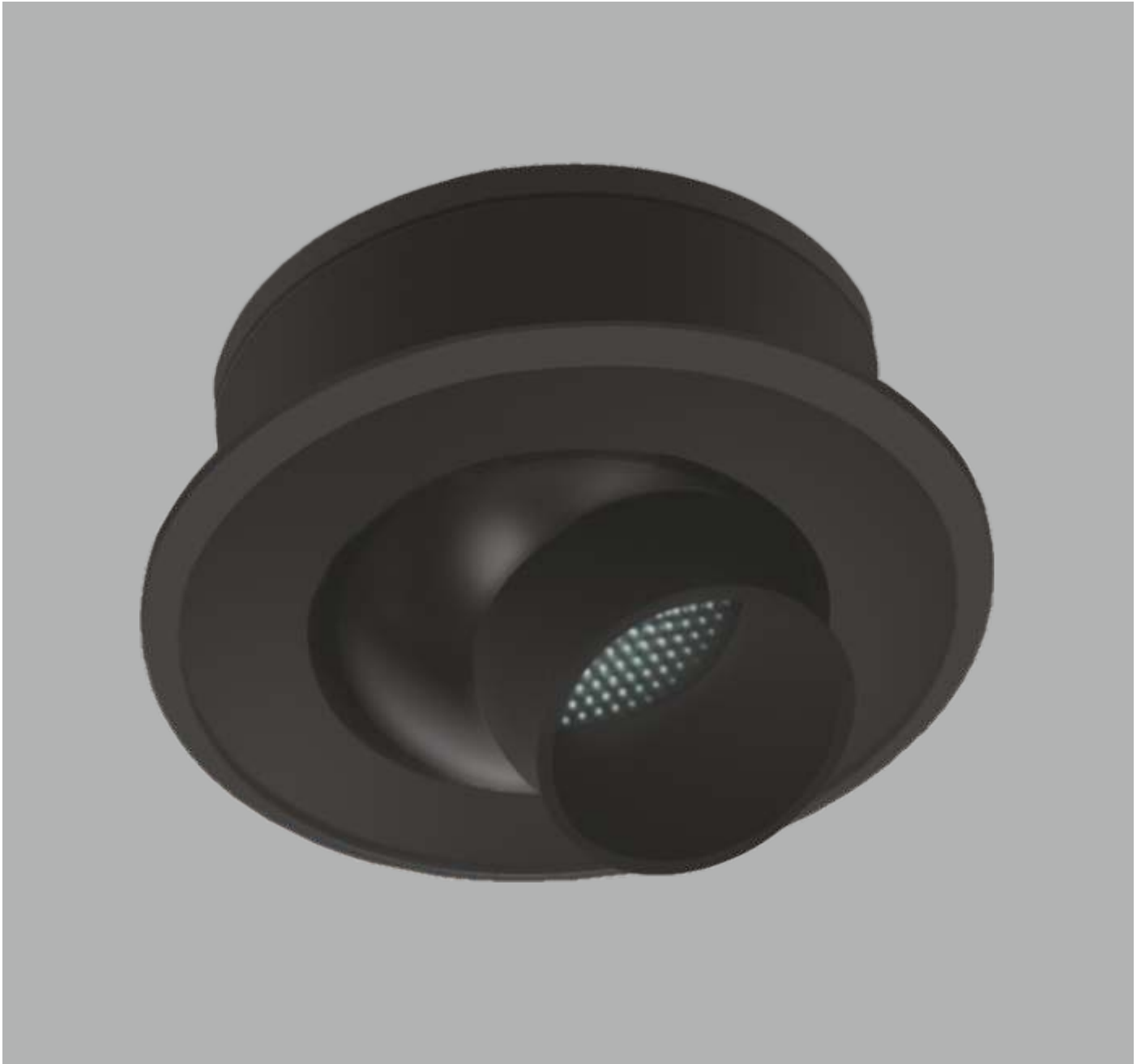
Visio Spot Light is a low heat light for art galleries, retail showrooms and home decor. It is recessed mounted and has attractive aesthetics.

### Accessories : (Optional)

- Dimmable Driver
- Honeycomb Louvers

Type	• Spot Light
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• 3000K, 4000K, 6500K
Luminous Efficacy	• > 100 lm/W
CRI	• > 85
Power Factor	• > 0,9
Beam Angle	• 24°/36°/48°

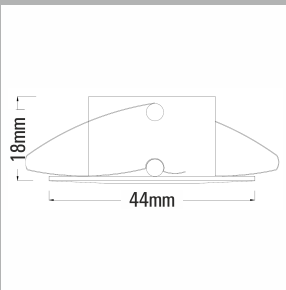
Code	• 202.01.13.10.130
Power Consumption	• 30W
Product Dimension (mm)	• 120 x 116
Cutout size (mm)	• 100
<hr/>	
Code	• 202.01.14.10.235
Power Consumption	• 35W
Product Dimension (mm)	• 120 x 116
Cutout size (mm)	• 100



## NOZZLE LIGHT

Nozzle Light is a low heat light for art galleries, retail showrooms and home decor. It is recessed mounted and has attractive aesthetics.

Type	• COB	Code	• 202.02.13
IP Rating	• 20	Power Consumption	• 2W
Operating Voltage	• 230 V AC	Total Luminous	• 240 lm
Color Temperature	• CW/WW	Product Dimension (mm)	• 45 x 47 mm
Luminous Efficacy	• > 120 lm/W	Cutout size (mm)	• 37
CRI	• > 80		
Power Factor	• > 0.95		
THD	• < 10%		



## Niche Light

Niche Light is a low heat light for art galleries, retail showrooms and home decor. It is recessed mounted and has attractive aesthetics.

Type	• COB	Code	• 202.03.13
IP Rating	• 20	Power Consumption	• 2W
Operating Voltage	• 230 V AC	Total Luminous	• 240 lm
Color Temperature	• CW/WW	Product Dimension (mm)	• 18 x 44 mm
Luminous Efficacy	• > 120 lm/W	Cutout size (mm)	• 27
CRI	• > 80		
Power Factor	• > 0.95		
THD	• < 10%		







**EVO**

Evo lights are used for various applicants like corridors, art galleries & retail showrooms and home decor.

- Type • COB
- IP Rating • 20
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW
- Luminous Efficacy • > 100 lm/W
- CRI • > 80
- Power Factor • > 0.9
- Fixture Color • White/Black
- Beam Angle • 24°/36°

- Attractive aesthetics
- The product is tiltable for light adjustment
- Recessed Mounting

**Accessories : (Optional)**

- Dimmable Driver
- Honeycomb Covers

Code	• 20611568.06
Power Consumption	• 6W
Product Dimensions (axb)	• 75 x 90 /95 x 90 mm
Cutout Dia	• 67 mm/86mm

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Code	• 20611568.12
Power Consumption	• 12W
Product Dimensions (axb)	• 75 x 120 /95 x 120 mm
Cutout Dia	• 67 mm/86mm

---

Code	• 20611568.18
Power Consumption	• 18W
Product Dimensions (axb)	• 75 x 140 /95 x 140 mm
Cutout Dia	• 67 mm/85mm

---

Code	• 20611568.24
Power Consumption	• 24W
Product Dimensions (axb)	• 75 x 140 /95 x 140 mm
Cutout Dia	• 67 mm/86mm



## Spot Oval

Spot oval are used to light flat walls. Spot oval fixture are designed to graze a textured surface such as stone or bricks with light.

Type	• COB
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW/NW
Luminous Efficacy	• > 100 lm/W
CRI	• > 80
Power Factor	• > 0.9
Fixture Color	• White/Black
Beam Angle	• 15°/36°/45°

- Attractive aesthetics
- The product is tiltable for light adjustment
- Recessed Mounting
- Wall washing

### Accessories : (Optional)

- Dimmable Driver
- Honeycomb Covers

Code	• 771909.06
Power Consumption	• 6W
Product Dimensions (mm)	• 90 x 102 mm
Cutout Dia	• 70 mm

Code	• 771909.09
Power Consumption	• 9W
Product Dimensions (mm)	• 90 x 102 mm
Cutout Dia	• 70 mm

Code	• 771909.12
Power Consumption	• 12W
Product Dimensions (mm)	• 90 x 102 mm
Cutout Dia	• 70 mm





## Spot Pin

Spot pin is a down lighter suitable for bathrooms and applications exposed to water spray and dust.

- Attractive aesthetics
- Recessed Mounting

Code	• 771908.09
Power Consumption	• 9W
Product Dimensions (mm)	• 60 x 83 mm
Cutout Dia	• 63 mm

Type	• COB
IP Rating	• 40
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW/NW
Luminous Efficacy	• > 100 lm/W
CRI	• > 80
Power Factor	• > 0.9
Fixture Color	• White/Black
Beam Angle	• 36°



## D-Lite Glow

D-Lite Glow Spot offer high intensity focus lighting with enhanced lux levels. The internal mount is adjustable by about 30° in all directions thereby giving you the flexibility of focused lighting in any linear direction, once set.

- Attractive aesthetics
- The product is tiltable for light adjustment
- Recessed Mounting

Code	• 20611568.30
Power Consumption	• 30W
Product Dimensions (axb)	• 125 x 70 mm
Cutout Dia	• 117 mm

Type	• COB
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW/NW
Luminous Efficacy	• > 100 lm/W
CRI	• > 85
Power Factor	• > 0.9
Fixture Color	• White/Black
Beam Angle	• 24°/36°



## D-Lite Flip Flop

D-Lite Flip Flop Spot 360 - degree rotatable, 90- degree adjustable, can not only directly shine on the ground, but also illuminate the walls.

Type	• COB
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW/NW
Luminous Efficacy	• > 85 lm/W
CRI	• > 80
Power Factor	• > 0.9
Fixture Color	• White / Black
Beam Angle	• 36°

- Attractive aesthetics
- The product is tiltable for light adjustment
- Recessed Mounting
- Can be popped out and swivelled
- Ideal for residence, gallery, showrooms and retail shops.

### Accessories : (Optional)

- Dimmable Driver
- Honeycomb Covers

Code	• 110103.15
Power Consumption	• 15W
Product Dimensions (axb)	• 100 x 115 mm
Cutout Dia	• 80 mm

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Code	• 110103.30
Power Consumption	• 15W + 15W
Product Dimensions (axb)	• 195x115 mm
Cutout Dia	• 170x80 mm





## LED Track Light

LED Track Light is an excellent design for retail or architectural lighting.

Type	• COB LED
IP Rating	• 20
Operating Voltage	• 80-270 V AC
Color Temperature	• CW/WW/NW
Fixture Color	• White/Black
Beam Angle	• 15°/ 24°/36°/ Assymetric/Elliptical

Code	• 139 105 07.1
Power Consumption	• 12W
Track	• Single circuit/3 circuit

Code	• 139 105 20.4
Power Consumption	• 18W
Track	• Single circuit/3 circuit

Code	• 139 105 40.8
Power Consumption	• 25W
Track	• Single circuit/3 circuit

Code	• 139 105 60.9
Power Consumption	• 30W
Track	• Single circuit/3 circuit



Code	• 139 105 06.1
Power Consumption	• 6W
Track	• Single circuit/3 circuit

---

Code	• 139 105 09.1
Power Consumption	• 9W
Track	• Single circuit/3 circuit

## LED Track Light

LED Track Light is an excellent design for retail or architectural lighting with more than 50% energy saving compared to halogen lamp or CDM-T lamps.

Type	• COB LED
IP Rating	• 20
Operating Voltage	• 80-270V AC
Color Temperature	• CW/WW/NW
Fixture Color	• White/Black/Steel (SS)
Beam Angle	• 15°/ 24°/36°



## LED Track Light

LED Track Light is an excellent design for retail or architectural lighting with more than 50% energy saving compared to halogen lamp or CDM-T lamps.

Type	• COB LED
IP Rating	• 20
Operating Voltage	• 80-270 V AC
Color Temperature	• CW/WW/NW
Fixture Color	• White/Black
Beam Angle	• 15°/ 24°/36°/ Assymetric/Elliptical

Code	• 139 105 07.1C
Power Consumption	• 12W
Track	• Single circuit/3 circuit

---

Code	• 139 105 20.4C
Power Consumption	• 18W
Track	• Single circuit/3 circuit

---

Code	• 139 105 400.6C
Power Consumption	• 25W
Track	• Single circuit/3 circuit



## Visio Track Light

Visio Track Light is a low heat light for art galleries, retail showrooms and home decor. It is recessed mounted and has attractive aesthetics.

**Accessories : (Optional)**

- Dimmable Driver
- Honeycomb Louvers

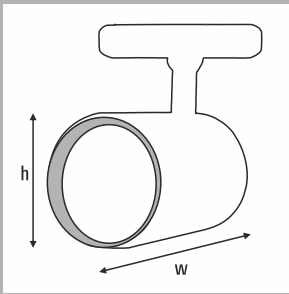
- Type • Track Light
- IP Rating • 20
- Operating Voltage • 90-270 V AC
- Color Temperature • 3000K, 4000K, 6500K
- Luminous Efficacy • > 100 lm/W
- CRI • > 85
- Power Factor • > 0,9
- Beam Angle • 15°/24°/36°

- Code • 202.01.13.10.515
- Power Consumption • 15W
- Product Dimension (mm) h x w • 166mm x 57mm

- 
- Code • 202.01.14.10.618
  - Power Consumption • 18W
  - Product Dimension (mm) h x w • 166mm x 57mm

- 
- Code • 202.01.13.10.515
  - Power Consumption • 12W
  - Product Dimension (mm) h x w • 147mm x 57mm





## Visio Track Light

Visio Track Light is a low heat light for art galleries, retail showrooms and home decor. It is recessed mounted and has attractive aesthetics.

### Accessories : (Optional)

- Dimmable Driver
- Honeycomb Louvers

Type	• Track Light
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• 3000K, 4000K, 6500K
Luminous Efficacy	• > 100 lm/W
CRI	• > 85
Power Factor	• > 0,9
Beam Angle	• 15°/24°/36°

Code	• 202.01.13.10.515
Power Consumption	• 6W
Product Dimension (mm)	• 108mm x 57mm
-----	
Code	• 202.01.14.10.618
Power Consumption	• 9W
Product Dimension (mm)	• 108mm x 57mm



## Ringo Track Light

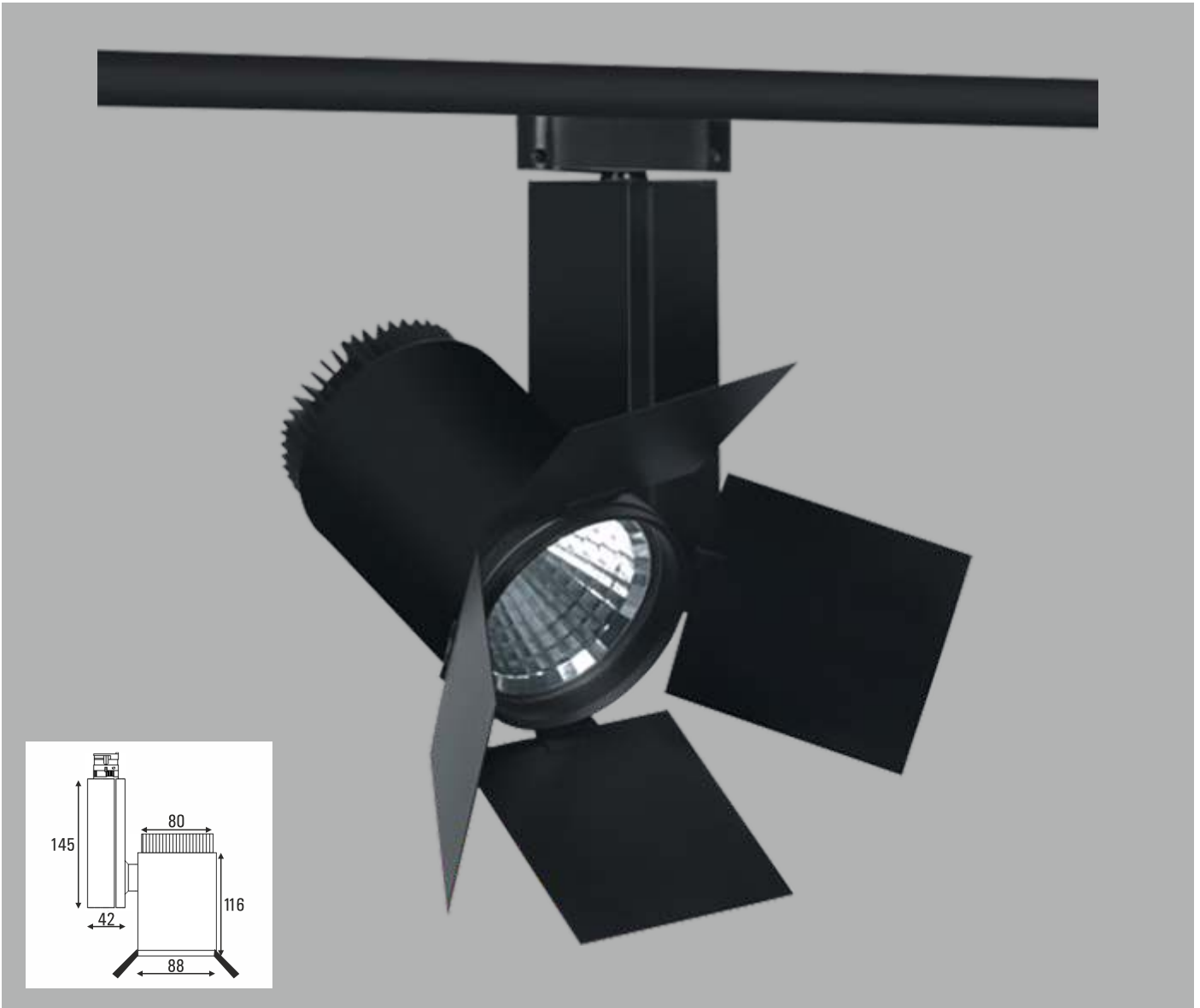
Ringo Track Light is a low heat light for art galleries, retail showrooms and museums. It is recessed mounted and has attractive aesthetics.

### Accessories : (Optional)

- Dimmable Driver
- Honeycomb Louvers

- Type • Track Light
- IP Rating • 20
- Operating Voltage • 90-270 V AC
- Color Temperature • 3000K, 4000K, 6500K
- Luminous Efficacy • > 100 lm/W
- CRI • > 85
- Power Factor • > 0,9
- Beam Angle • 24°/36°

- |                        |                    |
|------------------------|--------------------|
| Code                   | • 202.01.13.10.325 |
| Power Consumption      | • 25W              |
| Product Dimension (mm) | • 116mm x 88mm     |
| <hr/>                  |                    |
| Code                   | • 202.01.14.10.430 |
| Power Consumption      | • 30W              |
| Product Dimension (mm) | • 116mm x 88mm     |



## Ringo Track Light with Flaps

Ringo Track Light is a low heat light for art galleries, retail showrooms and museums. It is recessed mounted and has attractive aesthetics.

### Accessories : (Optional)

- Dimmable Driver
- Honeycomb Louvers

Type	• Track Light
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• 3000K, 4000K, 6500K
Luminous Efficacy	• > 100 lm/W
CRI	• > 85
Power Factor	• > 0,9
Beam Angle	• 24°/36°

Code	• 202.01.13.10.325
Power Consumption	• 25W
Product Dimension (mm)	• 116mm x 88mm

---

Code	• 202.01.14.10.430
Power Consumption	• 30W
Product Dimension (mm)	• 116mm x 88mm





Code - 242 142 122.16.18 | Code - 243 142 122.16.40

## Lite Master | T8

Lite Master T8 is good for efficient lighting where functional requirements of basic lighting is taken care off.

- Light weight housing with inbuilt LED driver
- Tube can be installed to existing fixtures
- Better light output with polycarbonate casing
- Weight : 0.7 Kg (with baton)

Type	• SMD
Power Consumption	• 18W, 40W
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 100 lm/W
CRI	• > 80
Power Factor	• > 0.95
THD	• < 15%



## Lite Master | T5

Lite Master T5 is good for efficient lighting where functional requirements of basic lighting is taken care off.

- Light weight housing with inbuilt LED driver
- Tube can be installed to existing fixtures
- Better light output with polycarbonate casing
- Easy to install with the help of clamp provided.
- Weight : 0.5 Kg (with baton)

Code	• 242 142 122.17.42
Type	• SMD
Power Consumption	• 10W-40W
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 100 lm/W
CRI	• > 80
Power Factor	• > 0.98
THD	• < 15%

## Lite Master | 2'

Lite Master T8 is good for efficient lighting where functional requirements of basic lighting is taken care off.

- Retrofit design for T8
- Better light output
- Energy saving upto 50%
- Inbuilt LED driver
- Extruded aluminum profile with polycarbonate casing
- Easy to install
- Weight : 0.4 Kg



Code - 24 09 02.144

Type	• SMD
Power Consumption	• 10W ± 10%
IP Rating	• 20
Operating Voltage	• 90-270 V AC or 90-140V DC
Color Temperature	• CW/WW
Luminous Efficacy	• > 100 lm/W
CRI	• > 80
Power Factor	• > 0.95
THD	• < 15%

## Lite Master | 4'

Lite Master T8 is good for efficient lighting where functional requirements of basic lighting is taken care off.

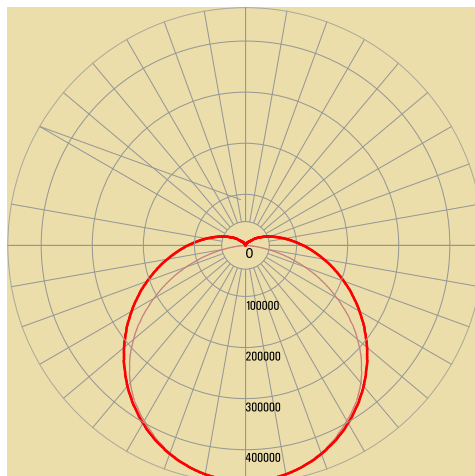
- Retrofit design for T8, easy to install
- Better light output
- Inbuilt LED driver
- Extruded aluminum profile with polycarbonate casing
- IP Rating: 20
- Operating Voltage: 90-270V AC or 90-140VDC
- LM-79 certified.
- Weight : 0.7 Kg

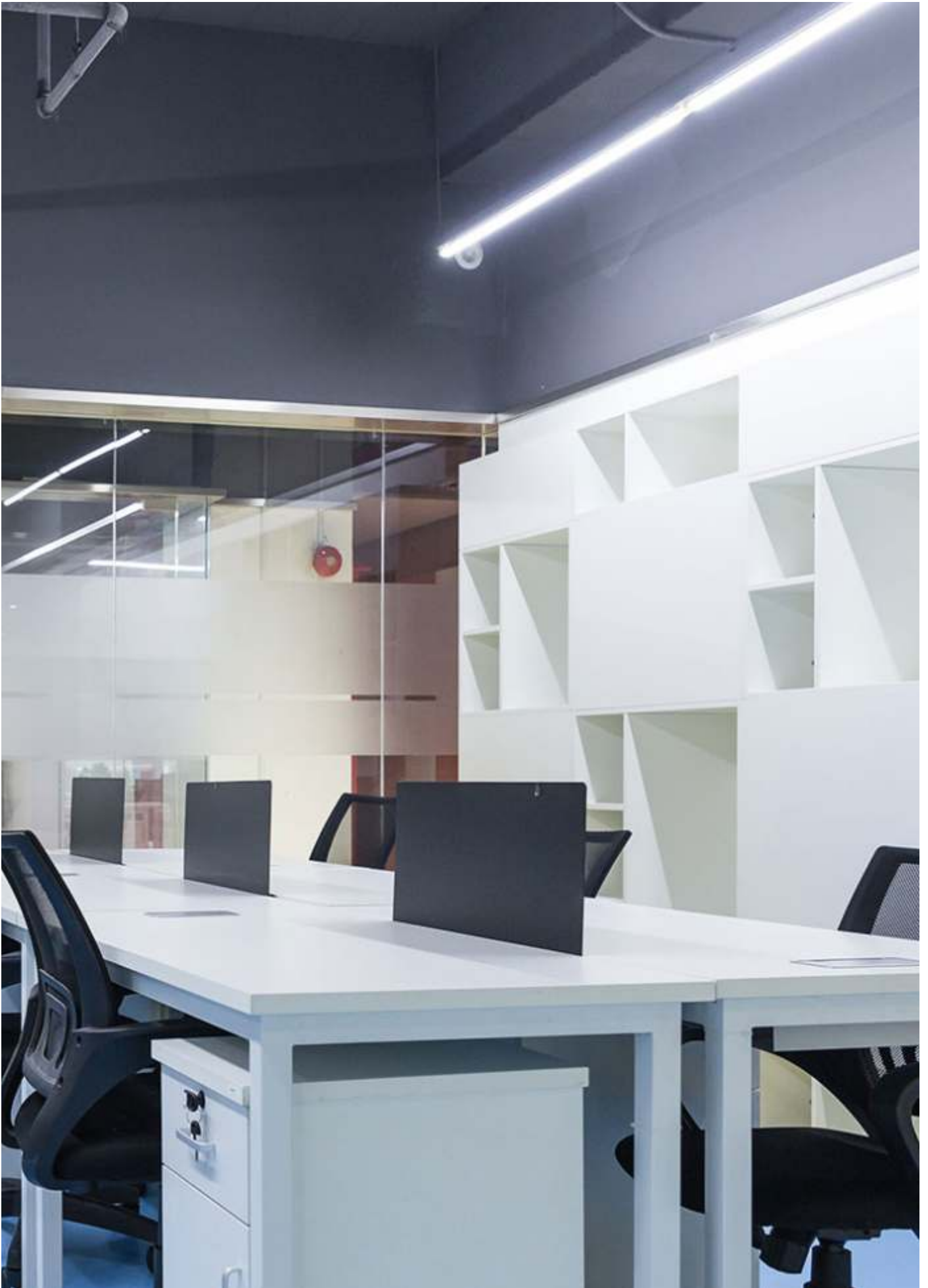


Code - 25 09 02.288

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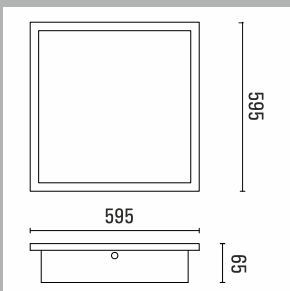
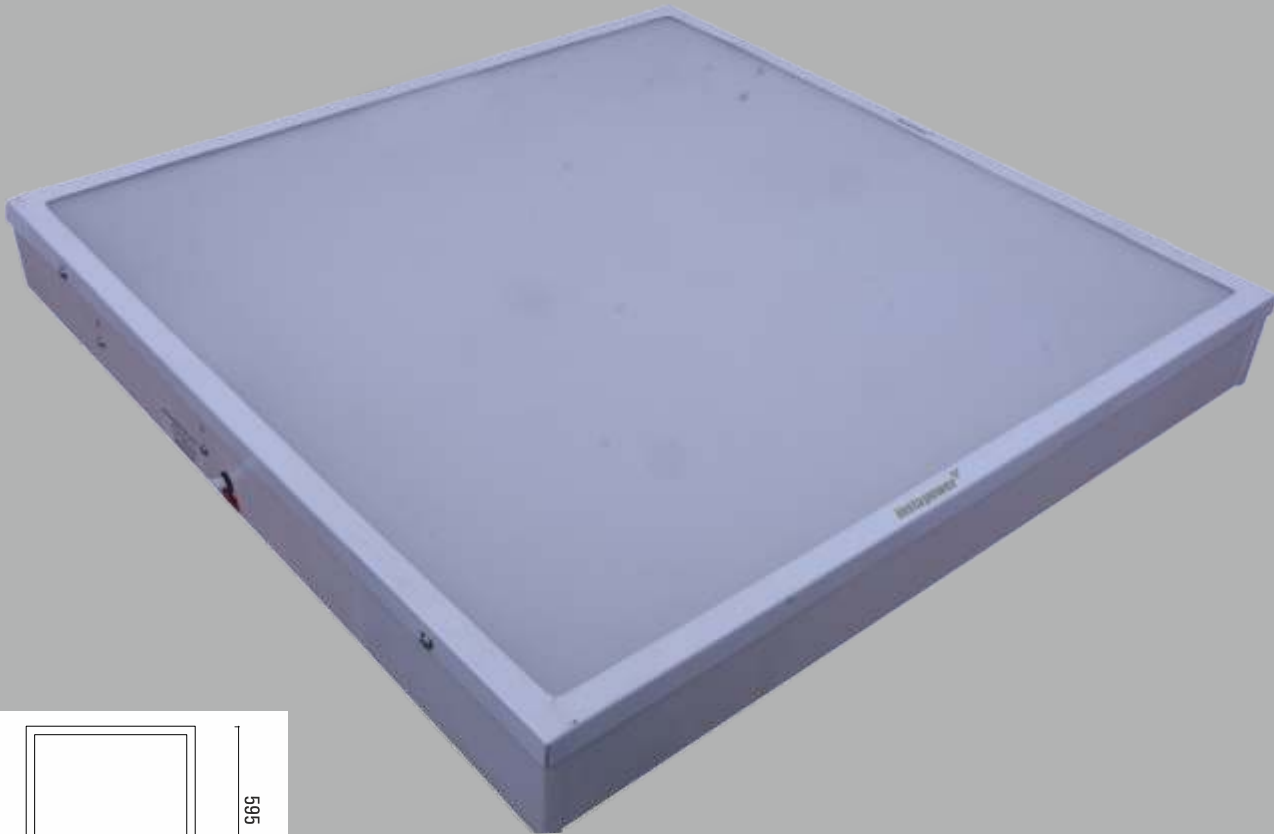
Code	• 25 09 02.288
Power Consumption	• 20W±10%
Luminous Efficacy	• > 100 lm/W
CRI	• > 80
Power Factor	• > 0.95
THD	• < 15%











**Milkyway** | ERSTWHILE PRISMA

Milkyway is a light for replacing conventional lighting and for new project.

- Type • SMD
- IP Rating • 40
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW
- Luminous Efficacy • > 90 lm/W
- CRI • > 80
- Power Factor • > 0.9
- THD • < 15%

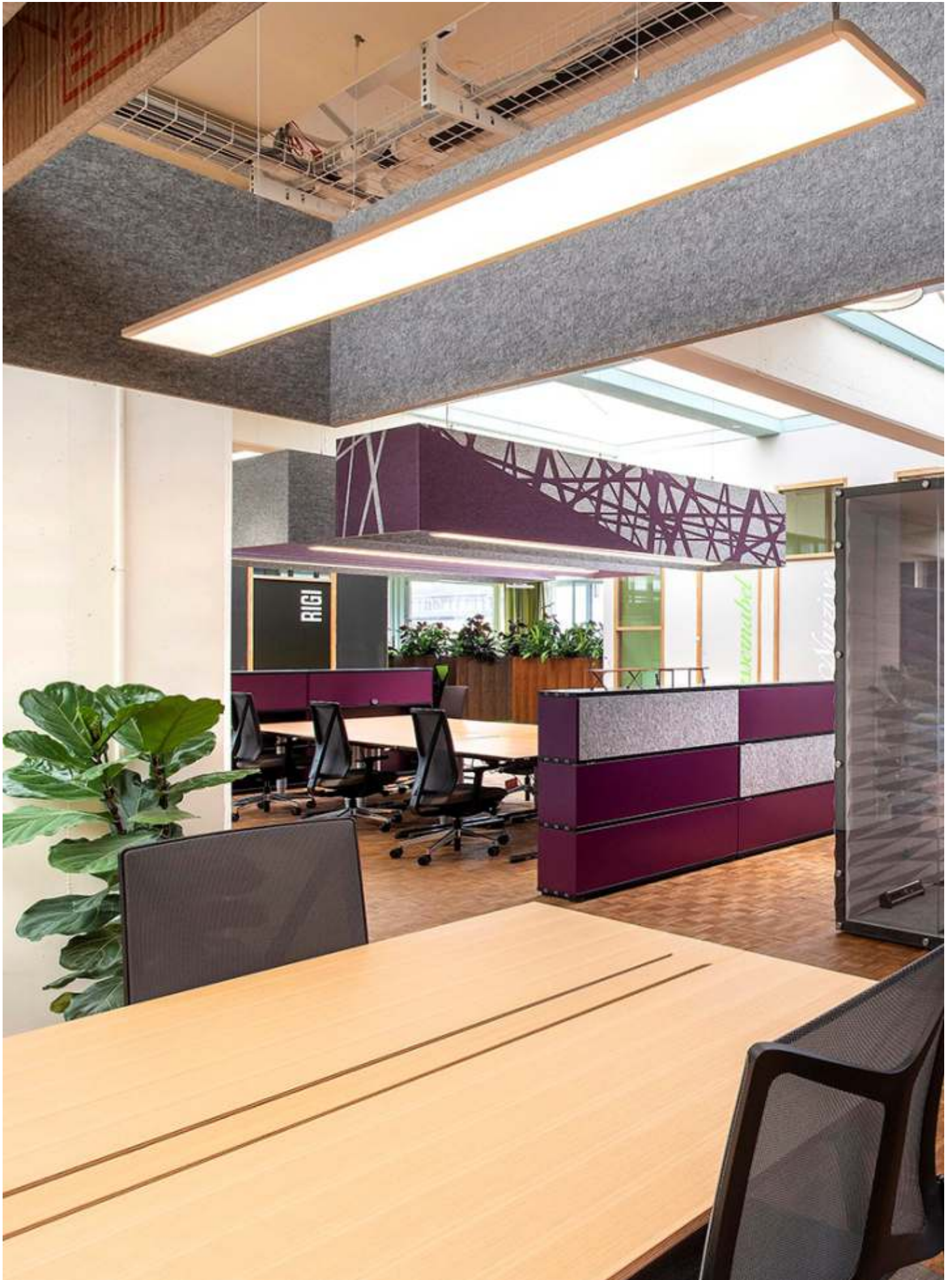
- Recess /Surface Mounted
- Clean Room Lighting
- WPC fixture with milky PC diffuser
- Surface/Recess mounted fixture
- Cutout size : 565 x 565 mm
- Luminaire size : 595 x 595 x 65mm
- Weight : 3.5 Kg
- Tested as per IS 16107 (Part 2/Sec 1):2012

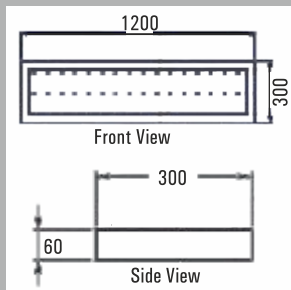
**Accessories : (Optional)**

- Dimmable Driver

- Code • 10 112 23.36
- Power Consumption • 36W

- 
- Code • 10 112 23.45
  - Power Consumption • 45W





Code - 187 77.36 | 36W Code - 187 77.45 | 45W

## Florid

Florid gives more light output as compared to 4x40W Tube Light with more than 50% energy saving.

- Options of surface mounting, recessed mounting and suspension from ceiling available
- Milky diffuser for better spread of light
- Clamp at back for installation
- Product Dimensions (LxWxH) : 1200x 300 x 60 mm
- Weight : 3.9 Kg

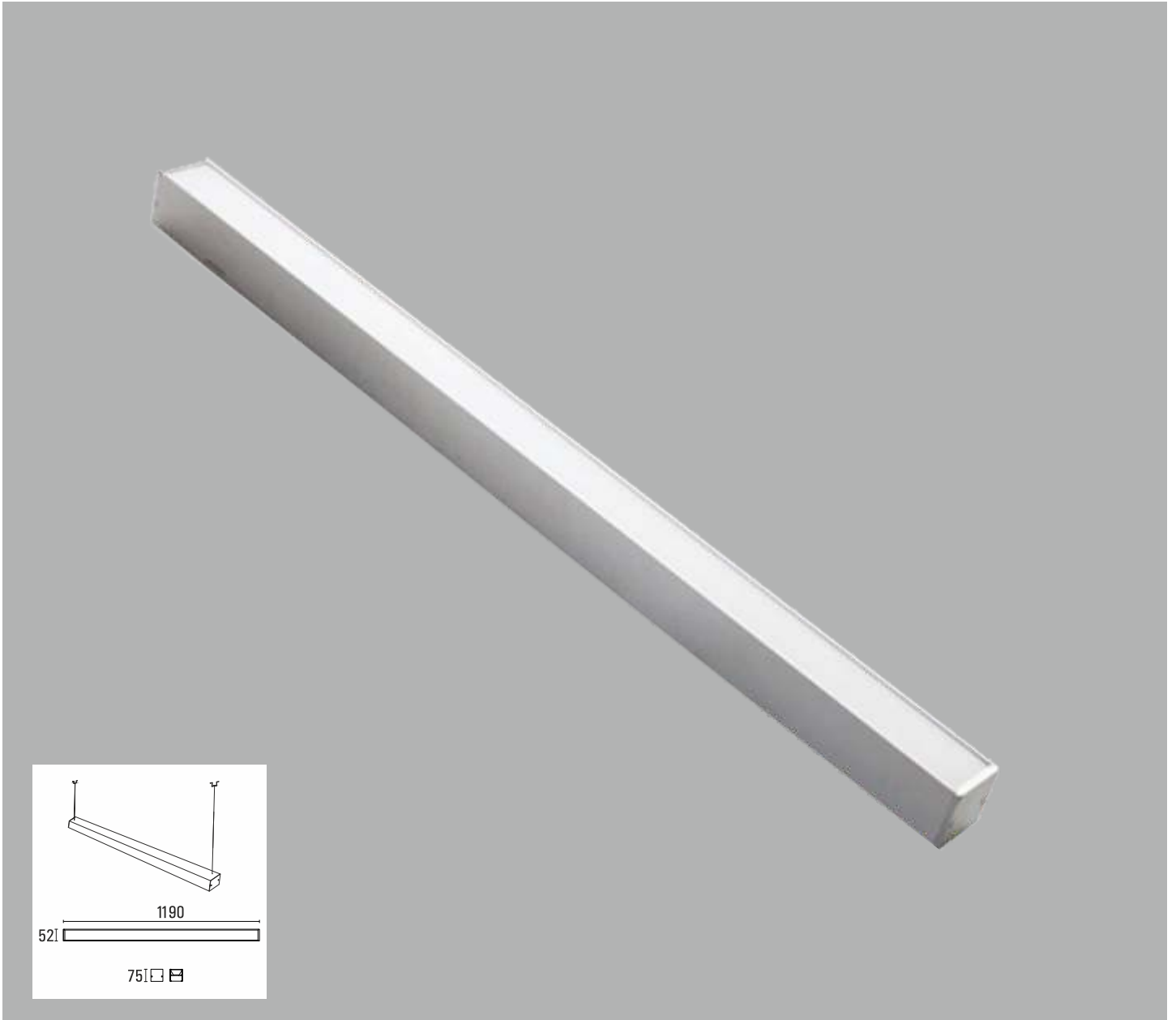
#### Accessories : (Optional)

- Dimmable Driver

Type	• SMD
IP Rating	• 40
Operating Voltage	• 90-270 V AC
Color Temperature	• WW/CW/NW
Luminous Efficacy	• > 100 lm/W
CRI	• > 75
Power Factor	• > 0.9
THD	• < 15%







Code - 149 123 78.20

## LED Marble Glow

LED Marble Glow is used for general lighting in offices, restaurant and co-working spaces.

- Surface mounted fixture
- Aluminium housing with high quality diffuser cover
- Efficiency: 85%
- Power Factor: > 0,95
- THD: < 20%
- Product Dimensions (LxWxH): 1190x71x70 mm
- Weight: 1.7 Kg

### Type

Power Consumption

IP Rating

Operating Voltage

CRI

LED Viewing Angle

Color Temperature

- SMD
- 36W
- 25
- 90-270 V AC
- > 70
- 120°
- WW/CW/NW



Code - 235 137 115.16 | Fixture Colour - Gray



Code - 236 138 116.16 | Fixture Colour - Gray

## Trunk Light | 1x20W

Trunk light are used for general lighting such as basement, concourse, platforms and staircases.

- Diffuser: PC DIFFUSER
- Housing material: Plastic ABS
- Easy to install with the help of clamp provided.
- Dimension: 1270 x 90 x 90 mm (approx)
- Weight : 1.3 Kg

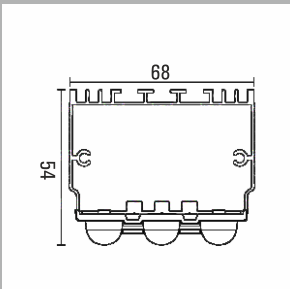
Type	• SMD
Power Consumption	• 1x20W
Total Lumens	• > 1600
IP Rating	• 65
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 100 lm/W
CRI	• > 75
Power Factor	• > 0.95
THD	• < 20%

## Trunk Light | 2x20W

Trunk light are used for general lighting such as basement, concourse, platforms and staircases.

- Diffuser: GLASS DIFFUSER
- Housing material: CRCA with heat dissipation
- Easy to install with the help of clamp provided
- Dimension: 1270 x 120 x 90 mm (approx)
- Weight : 1.9 Kg

Type	• SMD
Power Consumption	• 2x20W
Total Lumens	• > 3200
IP Rating	• 65
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 100 lm/W
CRI	• > 75
Power Factor	• > 0.95
THD	• < 20%



Code - 236 138 119.16 | Code - 236 138 120.16

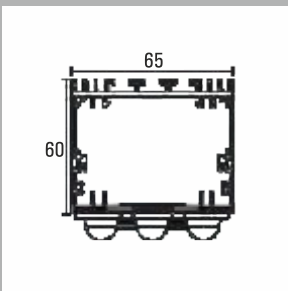
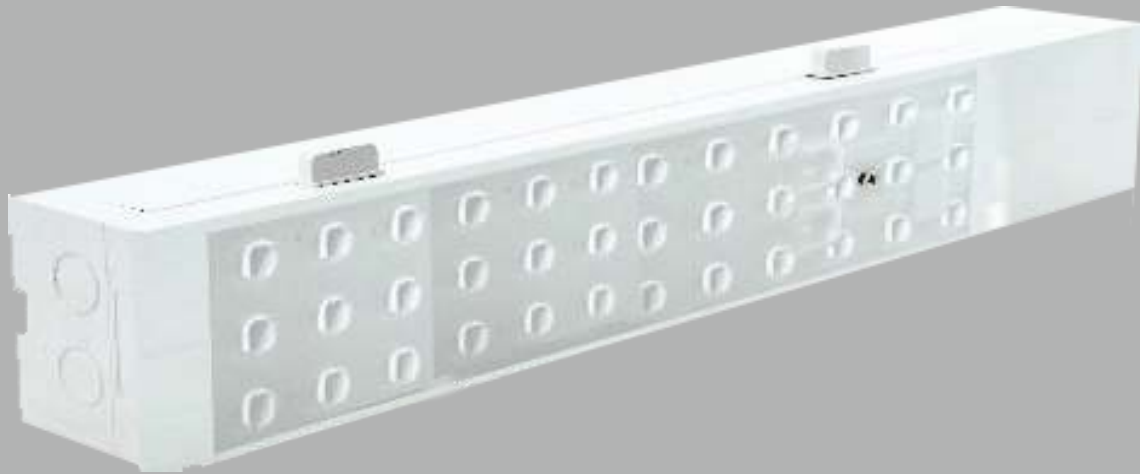
## Trunk Light (T68)

Trunk lights are used for lighting on concourse, offices, basements, galleries.

- Surface mounted fixture/Hanging Fixture
- Extruded Aluminium with high quality lens
- Power Factor: > 0.95
- Product Dimensions (LxWxH): Lx68x54 mm

Type	• SMD
Power Consumption	• 36W & 72W/4ft
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
LED Viewing Angle	• 30°, 60°
Color Temperature	• WW/CW/NW
Standard Length(L)	• 2ft, 4ft, 6ft, 8ft





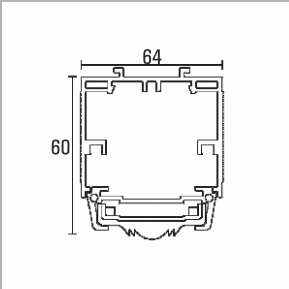
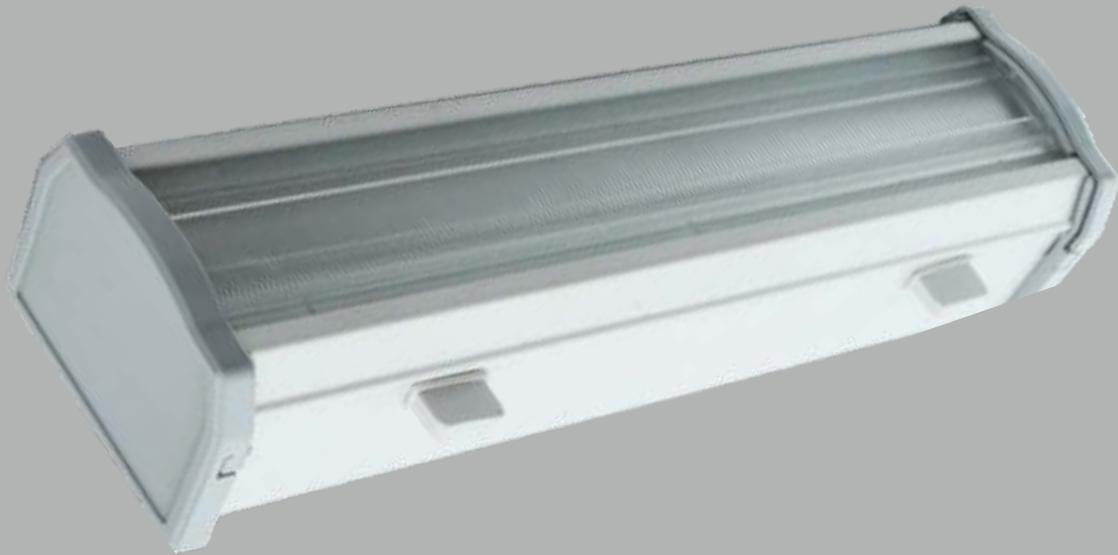
Code - 236 138 121.16 | Code - 236 138 122.16

## Trunk Light (T65)

Trunk lights are used for lighting on concourse, offices, basements, galleries.

- Surface mounted fixture/Hanging Fixture
- Extruded Aluminium with high quality lens
- Power Factor: > 0.95
- Product Dimensions (LxWxH): Lx65x60 mm

Type	• SMD
Power Consumption	• 36W & 72W/4ft
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
LED Viewing Angle	• 30°, 60°
Color Temperature	• WW/CW/NW
Standard Length(L)	• 2ft, 4ft, 6ft, 8ft



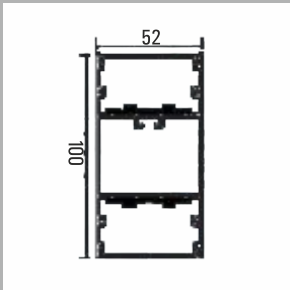
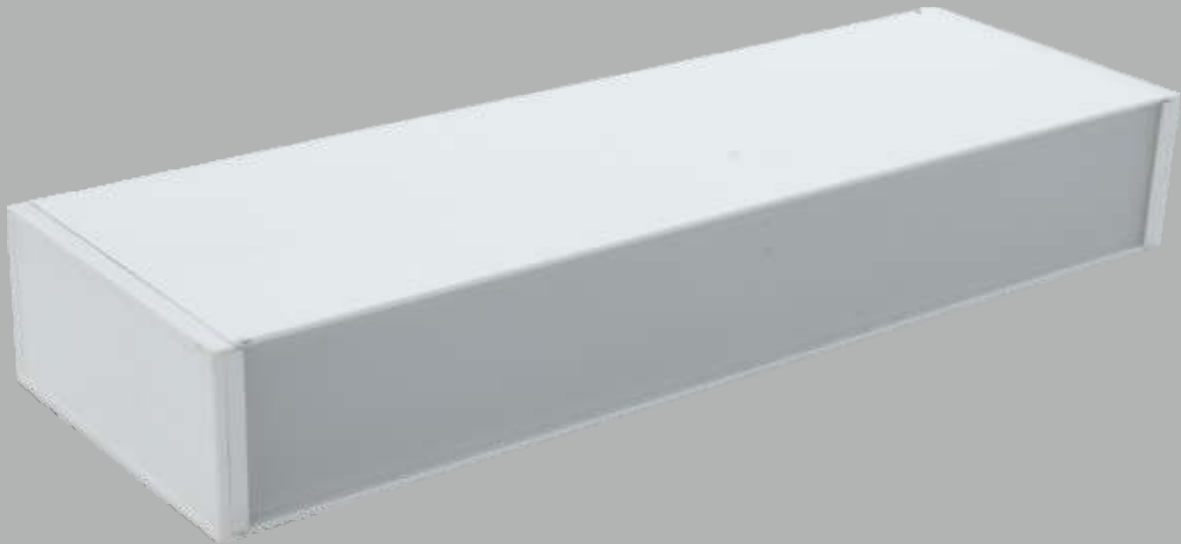
Code - 236 138 123.16

## Profile Light i64

Profile lights are used for lighting on concourse, offices, basements, galleries.

- Surface mounted fixture/Hanging Fixture
- Extruded Aluminium with high quality lens
- Power Factor: > 0,95
- Product Dimensions (LxWxH): Lx64x60 mm

Type	• SMD
Power Consumption	• 36W/4ft
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
LED Viewing Angle	• 30°, 60°
Color Temperature	• WW/CW/NW
Standard Length(L)	• 2ft, 4ft, 6ft, 8ft



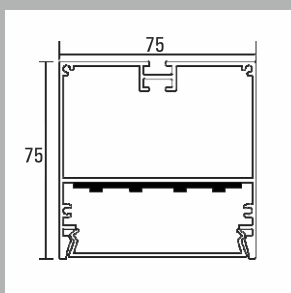
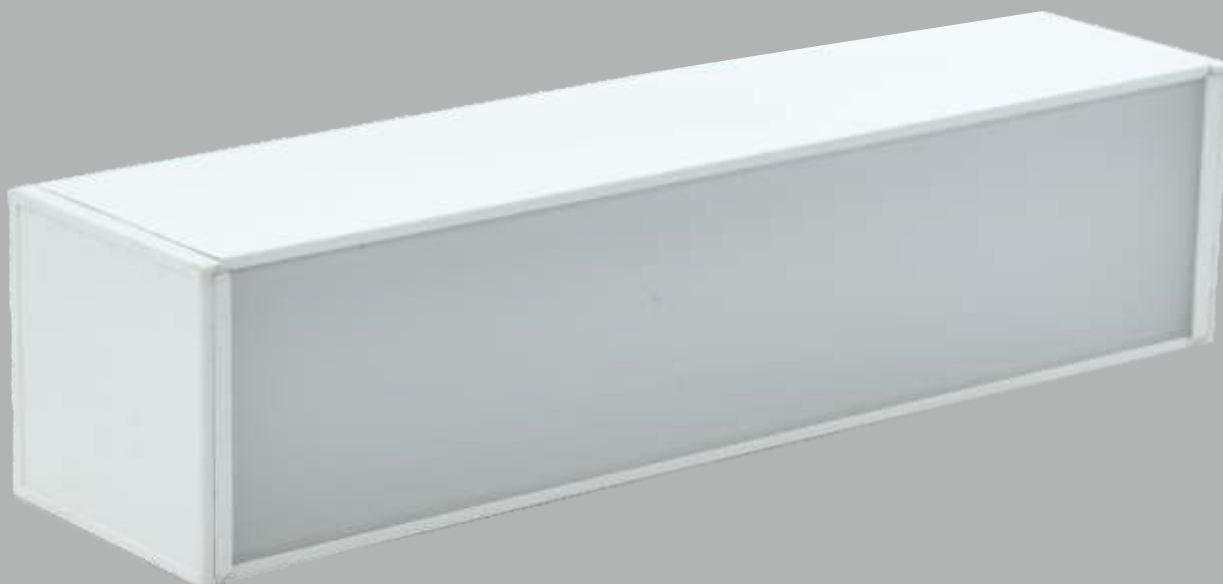
Code - 236 138 124.16

## Profile Light i52

Trunk lights are used for lighting on concourse, offices, basements, galleries.

- Surface mounted fixture/Hanging Fixture
- Extruded Aluminium with high quality Diffuser
- Power Factor: > 0,95
- Product Dimensions (LxWxH): Lx52x100 mm

Type	• SMD
Power Consumption	• 42W/4ft
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
LED Viewing Angle	• 120°
Color Temperature	• WW/CW/NW
Standard Length(L)	• 2ft, 4ft, 6ft, 8ft



Code - 236 138 125.16

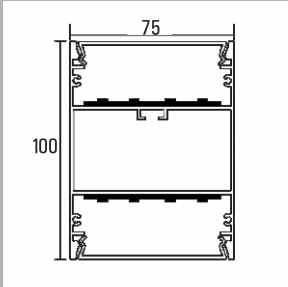
## Profile Light i75

Trunk lights are used for lighting on concourse, offices, basements, galleries.

- Surface mounted fixture/Hanging Fixture
- Extruded Aluminium with high quality Diffuser
- Power Factor: > 0,95
- Product Dimensions (LxWxH): Lx75x75 mm

Type	• SMD
Power Consumption	• 36W/4ft
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
LED Viewing Angle	• 120°
Color Temperature	• WW/CW/NW
Standard Length(L)	• 2ft, 4ft, 6ft, 8ft





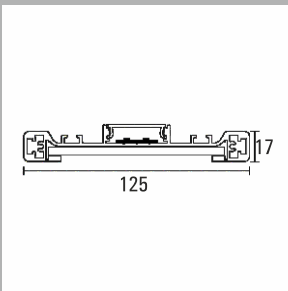
Code - 236 138 126.16

## Profile Light i75W

Trunk lights are used for lighting on concourse, offices, basements, galleries.

- Surface mounted fixture/Hanging Fixture
- Extruded Aluminium with high quality Diffuser
- Power Factor: > 0,95
- Product Dimensions (LxWxH): Lx75x100 mm

Type	• SMD
Power Consumption	• 42W/4ft
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
LED Viewing Angle	• 120°
Color Temperature	• WW/CW/NW
Standard Length(L)	• 2ft, 4ft, 6ft, 8ft



Code - 236 138 127.16

## Profile Light (UP/DN)

Trunk lights are used for lighting on concourse, offices, basements, galleries.

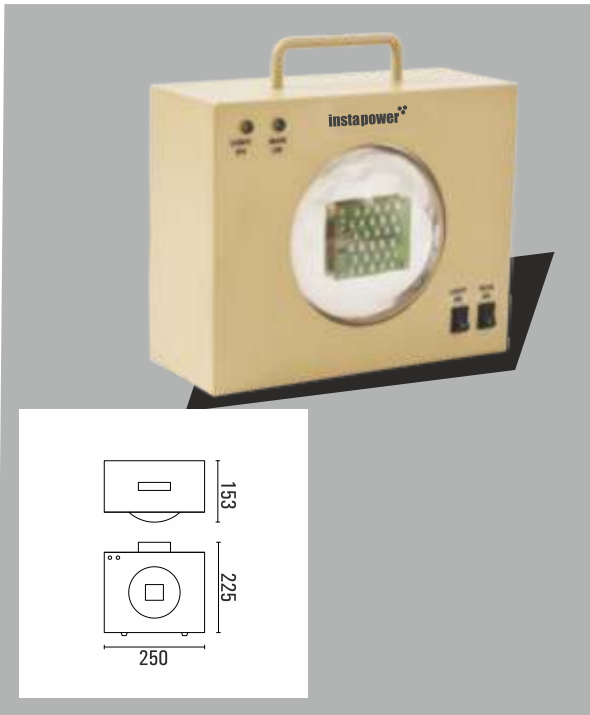
- Hanging Fixture
- Extruded Aluminium with high quality Diffuser
- Power Factor: > 0,95
- Product Dimensions (LxWxH): Lx125x17 mm

Type	• SMD
Power Consumption	• 36W/4ft
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
LED Viewing Angle	• 120°
Color Temperature	• WW/CW/NW
Standard Length(L)	• 4ft

## Emergency Light

Emergency light is used when there is a power failure, and comes 'ON' automatically & switches 'OFF' when power is restored.

- High powered low heating LEDs
- In built battery charger
- LED indications provided on the fixture
- Robust rugged design
- Stand alone / portable
- Wall mounting brackets provided
- Weight : 3.2 Kg



Code - 30 25 08.30 | Fixture Colour - Grey

Type	• SMD
Power Consumption	• < 3W
IP Rating	• 20
Operating Voltage	• 90-270 V AC
Battery Backup	• 7 hours
Color Temperature	• CW

## Bulkhead

LED Bulkhead fitting is used for various outdoor applications.

- Metal Body
- Emits light in all directions
- Easy to install with help of screws
- Weight: 800 g

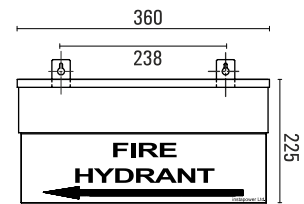
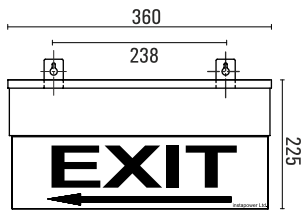


Code - 59 152 08.84 | Fixture Colour - White

Type	• LED Bulb
Power Consumption	• 9W
IP Rating	• 65
Operating Voltage	• 90-270 V AC
Power Factor	• > 0.9
Luminous Efficacy	• > 80 lm/W
CCT	• 2700K - 6500K
CRI	• > 80



Code - 01 01.18.1 | Fixture Colour - Black  
Code - 01 01.18.2



## Edge Lit Signage

Edge Lit Signage are used for depicting various messages. Though some of these messages are safety, the rest are for indications.

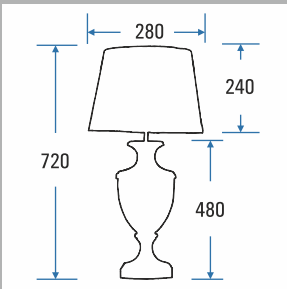
- With super bright LEDs
- Inbuilt battery with back up of 6 hours
- Double sided
- Etched acrylic sheet with reflector
- LPM technology
- On ceiling or wall
- Mounting brackets provided
- IEC 60571 / IEC 61000-4-2,3,4 / IEC 60529
- Weight : 2.5 Kg

## Double Sided | Single Sided

Type	• Double Side/ Single Side
Power Consumption	• < 2W
LED Type	• 5 mm
LED Color	• R/G
IP Rating	• 20
Operating Voltage	• 90-270 V AC





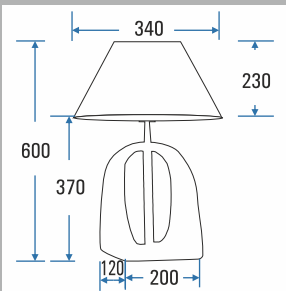


## Table Lamp

Table lamps are designed to improve the aesthetics of the place and provide ambient light.

- Hand crafted table lamp using 100% teak wood.
- Dual color polishing.
- Product Dimensions (WxH): 280x720 mm

Code	• 139 106 109.09
Type	• Teak Wood Table Lamp
Power Consumption	• 9W
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
Color Temperature	• WW

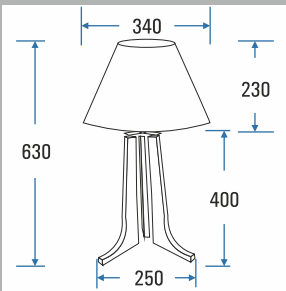


## Table Lamp

Table lamps are designed to improve the aesthetics of the place and provide ambient light.

- Hand crafted table lamp using 100% teak wood.
- Dual color polishing.
- Product Dimensions (WxH): 340x600 mm

Code	• 139 106 109.09
Type	• Teak Wood Table Lamp
Power Consumption	• 9W
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
Color Temperature	• WW

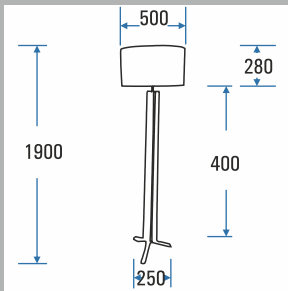


## Table Lamp

Table lamps are designed to improve the aesthetics of the place and provide ambient light.

- Hand crafted table lamp using 100% teak wood.
- Dual color polishing.
- Product Dimensions (WxH): 340x630 mm

Code	• 139 106 109.09
Type	• Teak Wood Table Lamp
Power Consumption	• 9W
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
Color Temperature	• WW



## Stand Lamp

Stand lamps are designed to improve the aesthetics of the place and provide ambient light.

- Hand crafted stand lamp using 100% teak wood.
- Dual color polishing.
- Product Dimensions (WxH): 1900x500 mm

Code	• 139 106 109.09
Type	• Teak Wood Table Lamp
Power Consumption	• 9W
IP Rating	• 20
Operating Voltage	• 90-270 V AC
CRI	• > 80
Color Temperature	• WW







## Wall Light (Moon Z+)

Round wall lights bring life to outdoor areas and create hues to blend with the surrounding. The light can be mounted on any surface and gives optimum light.

Code • 771908.09.01 / .02  
 Power Consumption • 9W  
 Product Dimensions (mm) • 185 x 65 mm

- Type • LED
- IP Rating • 65
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW
- Luminous Efficacy • > 80 lm/W
- CRI • > 80
- Power Factor • > 0.9
- Fixture Color • White/Black/Charcoal Grey
- Mounting • Wall/Surface



## Wall Light (Moon Z)

Round wall lights bring life to outdoor areas and create hues to blend with the surrounding. The light can be mounted on any surface and gives optimum light.

Type	• LED
IP Rating	• 65
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 80 lm/W
CRI	• > 80
Power Factor	• > 0.9
Fixture Color	• White/Black/Charcoal Grey
Mounting	• Wall/Surface

Code	• 771908.09.03 / .04
Power Consumption	• 9W
Product Dimensions (mm)	• 185 x 30 mm





## Pathfinder

Wall light fixture are designed to graze a textured surface such as wall or any other surface to enhance the beauty of the space.

- Type • LED
- IP Rating • 65
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW
- Luminous Efficacy • > 80 lm/W
- CRI • > 80
- Power Factor • > 0.9
- Fixture Color • White/Black/Charcoal Grey
- Beam Angle • 15°, 24°, 36°
- Mounting • Wall/Surface

- Code • 194 98 05 .09.06 / .09 / .12
- Power Consumption • 6W, 9W, 12W
- Product Dimensions (mm) • 60 x 115 x 140 mm

- 
- Code • 194 98 05. 07.06 / .09 / .12
  - Power Consumption • 6Wx2, 9Wx2, 12Wx2
  - Product Dimensions (mm) • 60 x 115x 155 mm









## Spike Lux

Indirect light is great for creating ambience and a fairytale effect. It can be hidden behind shrubbery or trees or even a wall to illuminate the space.

Type	• LED	Code	• 139 105 07.1.06 / .12 / .18
IP Rating	• 66	Power Consumption	• 6W, 12W, 18W
Operating Voltage	• 90-270 V AC	Product Dimensions (mm)	• 85 x 320 mm
Color Temperature	• CW/WW		
Luminous Efficacy	• > 80 lm/W		
CRI	• > 80		
Power Factor	• > 0.9		
Fixture Color	• Black/Charcoal Grey		
Beam Angle	• 15°, 24°, 36°		





## StepLight

Installed outdoors or indoors to create an appealing ambience to the property & enhance the richness of the surrounding.

Type	• LED
IP Rating	• 65
Operating Voltage	• 110-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 80 lm/W
CRI	• > 80
Power Factor	• > 0.9
Fixture Color	• Black/Charcoal Grey/White
Beam Angle	• 15°, 24°, 36°

Code	• 771907.09
Power Consumption	• 3W
Product Dimensions (axbxc)	• 90 x 90 x 90 mm
Cutout Dia	• 70x70 mm

Code	• 771907.15
Power Consumption	• 5W
Product Dimensions (axbxc)	• 135 x 90 x 90 mm
Cutout Dia	• 125x70 mm

Code	• 771907.18
Power Consumption	• 7W
Product Dimensions (axbxc)	• 200x90x90 mm
Cutout Dia	• 170x70 mm



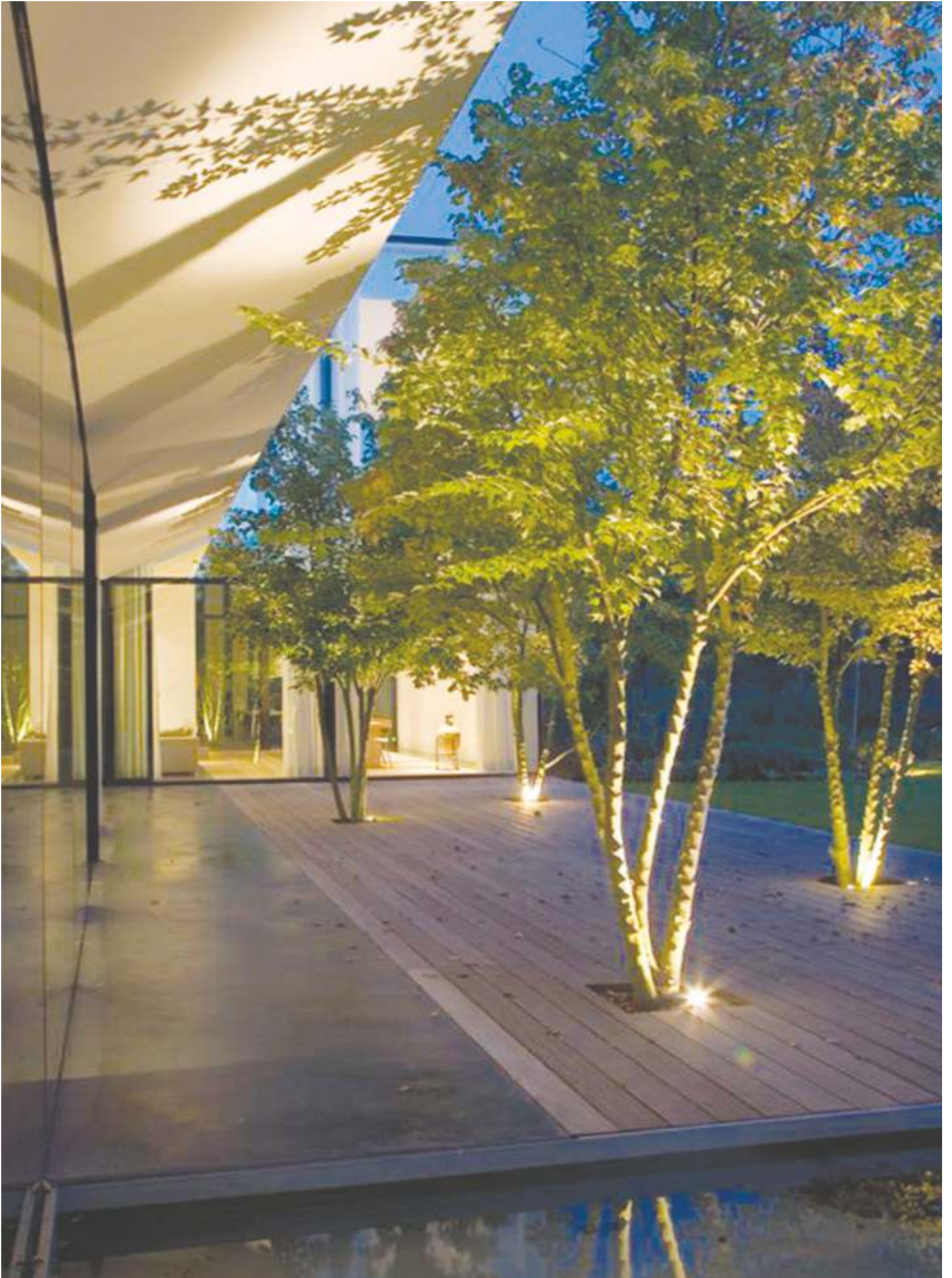
## Step Light

Installed outdoors to create an appealing ambience to the property & enhance the richness of the surrounding.

Type	• LED
IP Rating	• 65
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 80 lm/W
CRI	• > 80
Power Factor	• > 0.9
Fixture Color	• White/Black/Charcoal Grey

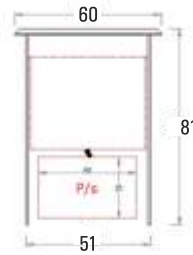
Code	• 771908.06
Power Consumption	• 9W
Product Dimensions (mm)	• 185 x 75 x 30 mm



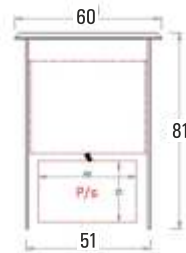




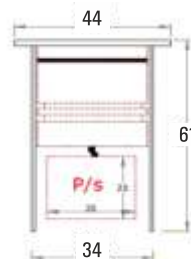
**Astra**



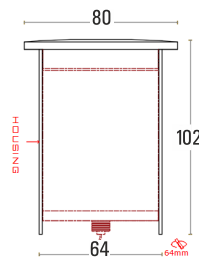
- Code • 60 01 21.3
- Power Consumption • 6W
- IP Rating • IP 66
- Product Dimensions • 60 x 81 mm
- Cutout Dia • 51 mm
- Color Temperature • CW/WW



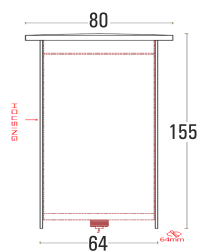
- Code • 60 01 22.4
- Power Consumption • 3W
- IP Rating • IP 66
- Product Dimensions • 60 x 81 mm
- Cutout Dia • 51 mm
- Beam Angle • Asymmetrical
- Color Temperature • CW/WW



- Code • 60 01 23.5
- Power Consumption • 2W
- IP Rating • IP 66
- Product Dimensions • 44 x 61 mm
- Cutout Dia • 34 mm
- Color Temperature • CW/WW



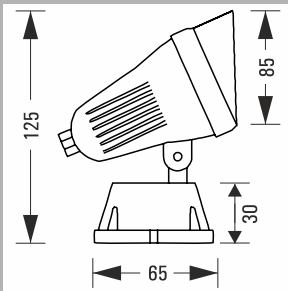
- Code • 60 01 24.6.9 / .12
- Power Consumption • 9W, 12W
- IP Rating • IP 65
- Product Dimensions • 102 x 80 mm
- Cutout Dia • 64 mm
- Beam Angle • Asymmetrical
- Color Temperature • CW/WW



- Code • 60 01 25.6.18 / .25
- IP Rating • IP 65
- Power Consumption • 18W, 25W
- Product Dimensions • 155 x 80 mm
- Cutout Dia • 64 mm
- Color Temperature • CW/WW

**Accessories : (Optional)**

- Gel Connectors



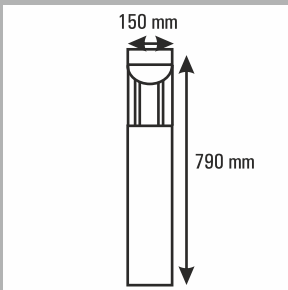
## Wall Projector

Installed outdoors to create an appealing ambience to the property & enhance the richness of the surrounding.

Type	• LED
IP Rating	• 65
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 120 lm/W
CRI	• > 80
Power Factor	• > 0.95
Fixture Color	• Black/Charcoal Grey

Code	• 41 45 02.08
Power Consumption	• 5W
Product Dimensions (mm)	• 125 x 65 mm



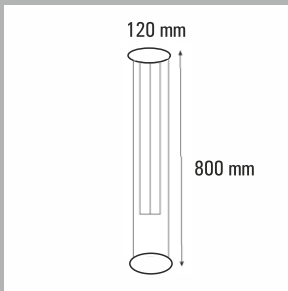


## Bollard (Mushroom)

Bollard lights are used to illuminate pathway, parks & landscapes to beautify the surrounding areas.

Type	• LED
IP Rating	• 65
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 80 lm/W
CRI	• > 80
Power Factor	• > 0.9
Fixture Color	• Black/Charcoal Grey

Code	• 41 45 01.08
Power Consumption	• 10 W
Product Dimensions (mm)	• 150 x 791 mm



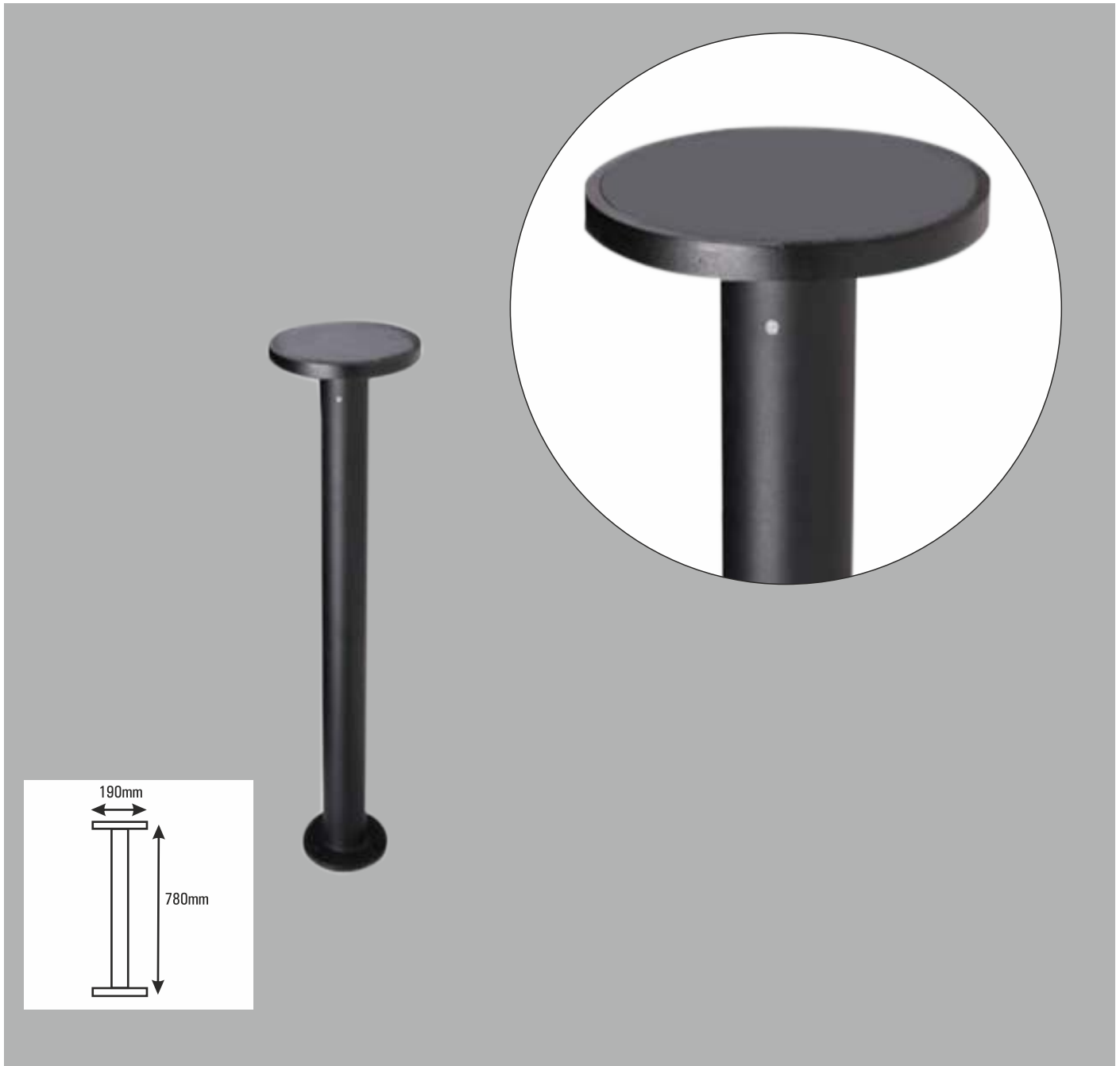
## Bollard (Pillar)

Bollard lights are used to illuminate pathway, parks & landscapes to beautify the surrounding areas.

Type	<ul style="list-style-type: none"><li>• LED</li></ul>
IP Rating	<ul style="list-style-type: none"><li>• 65</li></ul>
Operating Voltage	<ul style="list-style-type: none"><li>• 90-270 V AC</li></ul>
Color Temperature	<ul style="list-style-type: none"><li>• CW/WW</li></ul>
Luminous Efficacy	<ul style="list-style-type: none"><li>• &gt; 80 lm/W</li></ul>
CRI	<ul style="list-style-type: none"><li>• &gt; 80</li></ul>
Power Factor	<ul style="list-style-type: none"><li>• &gt; 0.9</li></ul>
Fixture Color	<ul style="list-style-type: none"><li>• Black/Charcoal Grey</li></ul>

Code	<ul style="list-style-type: none"><li>• 41 45 01 .09</li></ul>
Power Consumption	<ul style="list-style-type: none"><li>• 10 W</li></ul>
Product Dimensions (mm)	<ul style="list-style-type: none"><li>• 120 x 800 mm</li></ul>





## Bollard (Dumbbell)

Bollard lights are used to illuminate pathway, parks & landscapes to beautify the surrounding areas.

Type	• LED
IP Rating	• 65
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
Luminous Efficacy	• > 80 lm/W
CRI	• > 80
Power Factor	• > 0.9
Fixture Color	• Black/Charcoal Grey

Code	• 41 45 01 .06
Power Consumption	• 10 W
Product Dimensions (mm)	• 190 x 780 mm



**LED**  
**SWING FLEX**

# Linear Swing Flex

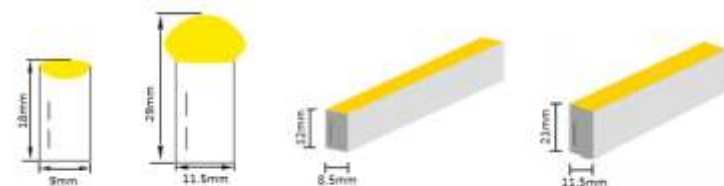
Swing Flex LED Linear, for applications with curvy linear surfaces or limited space. These profiles are high performance indirect lighting channels for outdoor lighting applications.

- Type • LED
- IP Rating • 65, 67, 68
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW/Tunable/Pixel
- Luminous Efficacy • > 80 lm/W
- CRI • > 80
- Power Factor • > 0.9

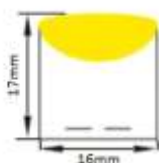
- Code • 139 105 07.1.05 / .10 / .15
- Power Consumption (Per-m) • 5W, 10W, 15W



Single LED Colour (Top View) Swing Flex



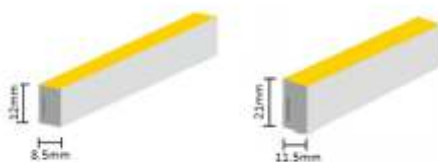
Single LED Colour (Side View)



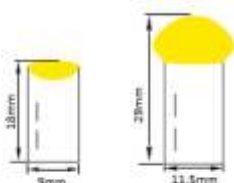
360 Degree LED Swing Flex

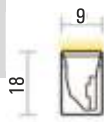


Colour Changing LED Swing Flex



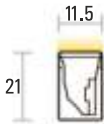
Pixel LED Swing Flex





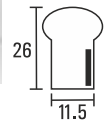
- Type • Top View (Horizontal Bending)
- IP Rating • IP40/IP67/IP68
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW/Tunable/Pixel
- Luminous Efficacy • > 80 lm/W

- Code • 139 101 78.12/.15
- Power Consumption (Per-m) • 12W, 15W
- CRI • > 80
- Power Factor • > 0.95



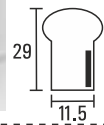
- Type • Top View (Horizontal Bending)
- IP Rating • IP40/IP67/IP68
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW/Tunable/Pixel
- Luminous Efficacy • > 80 lm/W

- Code • 139 102 78.12/.15
- Power Consumption (Per-m) • 12W, 15W
- CRI • > 80
- Power Factor • > 0.95



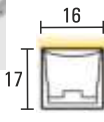
- Type • Top View (Horizontal Bending)
- IP Rating • IP40/IP67/IP68
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW/Tunable/Pixel
- Luminous Efficacy • > 80 lm/W

- Code • 139 103 78.12/.15
- Power Consumption (Per-m) • 12W, 15W
- CRI • > 80
- Power Factor • > 0.95



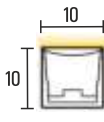
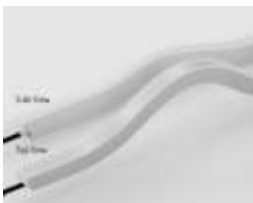
- Type • Top View (Horizontal Bending)
- IP Rating • IP40/IP67/IP68
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW/Tunable/Pixel
- Luminous Efficacy • > 80 lm/W

- Code • 139 104 78.12/.15
- Power Consumption (Per-m) • 12W, 15W
- CRI • > 80
- Power Factor • > 0.95



- Type • Top View (Horizontal Bending)  
• Side View (Vertical Bending)
- IP Rating • IP40/IP67/IP68
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW/Tunable/Pixel
- Luminous Efficacy • > 80 lm/W

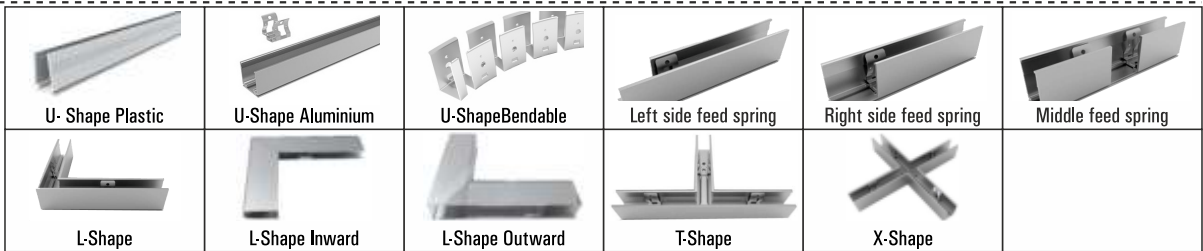
- Code • 139 105 78.12/.15
- Power Consumption (Per-m) • 12W, 15W
- CRI • > 80
- Power Factor • > 0.95



- Type • Top View (Horizontal Bending)  
• Side View (Vertical Bending)
- IP Rating • IP40/IP67/IP68
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW/Tunable/Pixel
- Luminous Efficacy • > 80 lm/W

- Code • 139 106 78.12/.15
- Power Consumption (Per-m) • 12W, 15W
- CRI • > 80
- Power Factor • > 0.95

**Mounting Profiles**



**DMX Controller System**





## Magic Glow

Magic Glow is a flexible light strip that is used as decorative lighting for indoor and outdoor applications.

- External SMPS power supply to operate 15 Mtrs
- Amplifier can be added for lengths > 15 Mtrs
- IP Rating: 54
- Operating Voltage: 12 V DC
- IP 65 model also available
- DMX controller available for RGB option
- Easy to install
- Weight : 0.8 Kg
- Roll length : 5 Mtrs

Code	• 132
Color Temperature	• WW
Power Consumption	• 6-7 W/M

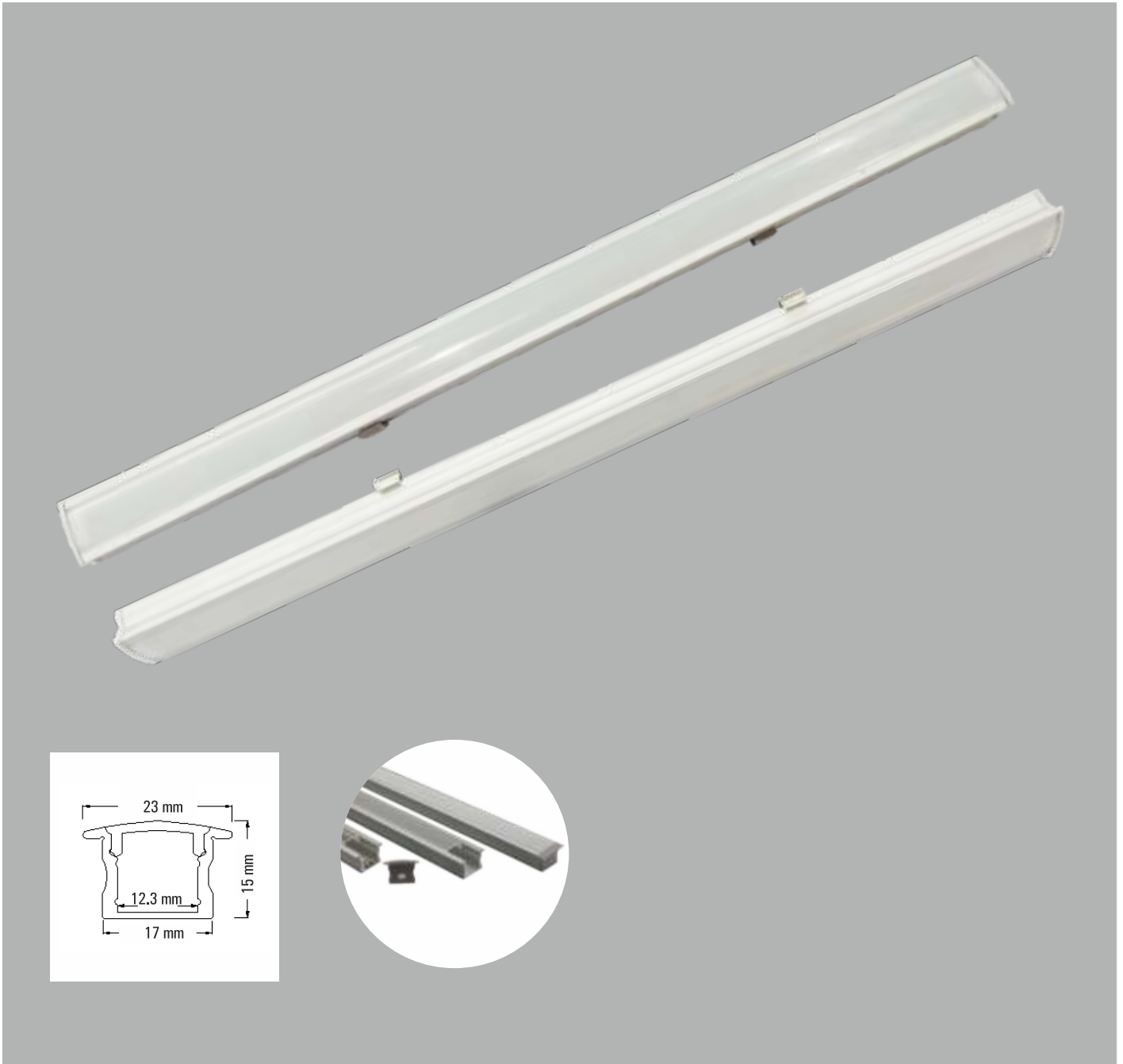
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Code	• 133
Color Temperature	• CW
Power Consumption	• 6-7 W/M

---

Code	• 134
Color Temperature	• RGB
Power Consumption	• 12-14 W/M





**ZEST LED**

- Control Gear Mount : External
- Finishes : Anodized / Powder Coated
- Product Dimensions (LxWxH): 3657x23x15 mm
- Construction & Material : Extruded Aluminium

- CCT : 3000K / 4000K / 6000K
- IP Rating : 20
- Luminous Efficacy : 90 lm/W
- C.R.I. > 90
- Beam Angle : 120° (Degree)
- Life Span : 50,000 Hrs
- IP-65 Models also available

**Code**

- 139 106 07.1.10 / .15 / .20

**Power Supply**

- Constant Voltage

**Input Voltage**

- 90-270 V AC

**Power Consumption (per Mtr)**

- 10W, 15W, 20W

**Power Factor**

- > 0.95

**Efficiency**

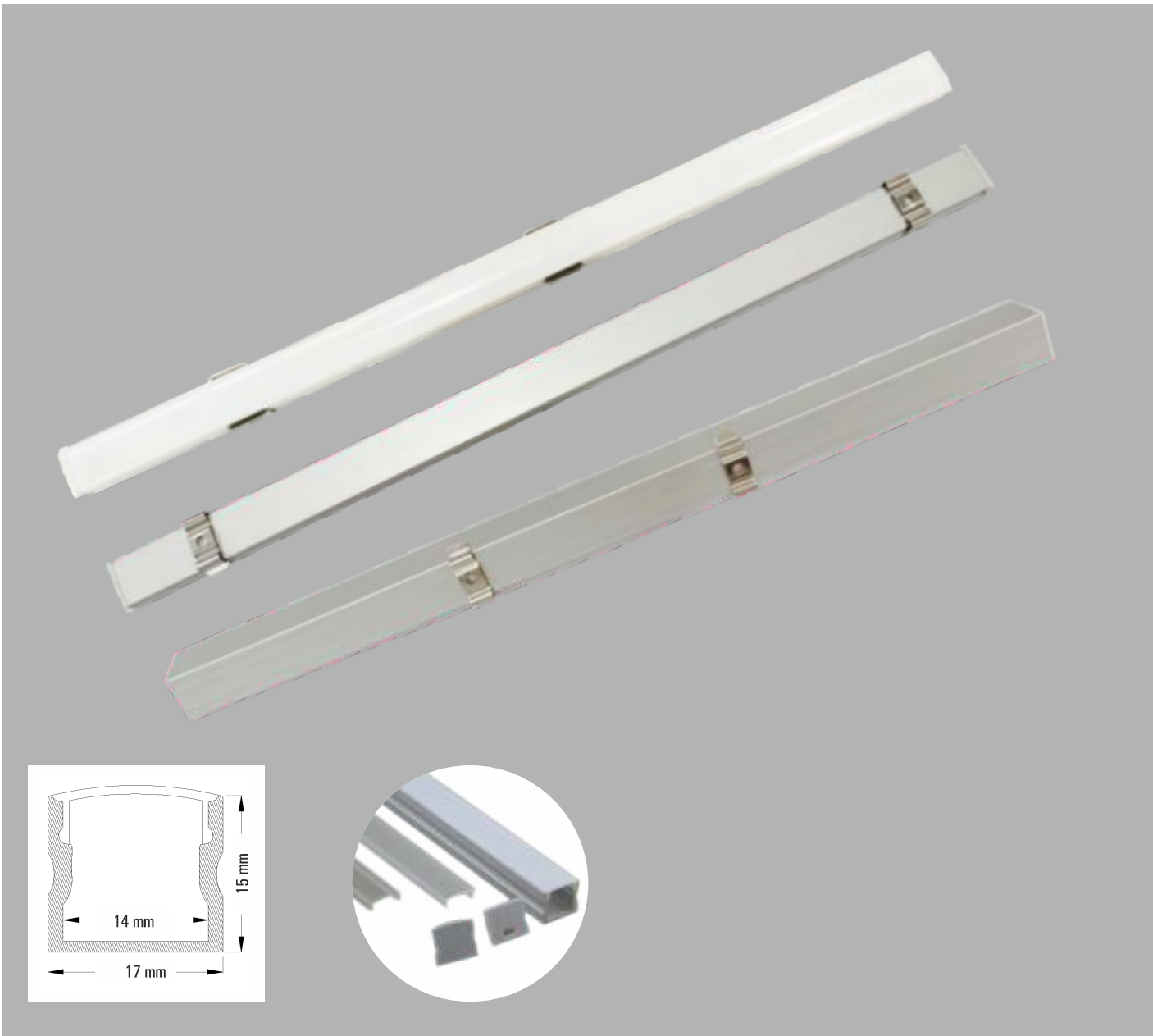
- > 85%

**Dimmable**

- Available

**DC voltage**

- 12V



## ZEST SQUARE

- Control Gear Mount : External
- Finishes : Anodized / Powder Coated
- Product Dimensions (LxWxH): 3657x17x15 mm
- Construction & Material : Extruded Aluminium

- CCT : 3000K / 4000K / 6000K
- IP Rating : 20
- Luminous Efficacy : 90 lm/W
- C.R.I. > 90
- Beam Angle : 120° (Degree)
- Life Span : 50,000 Hrs

Code

- 139 107 07.1.10 / .15 / .20

Power Supply

- Constant Voltage

Input Voltage

- 90-270 V AC

Power Consumption (per Mtr)

- 10W, 15W, 20W

Power Factor

- > 0.95

Efficiency

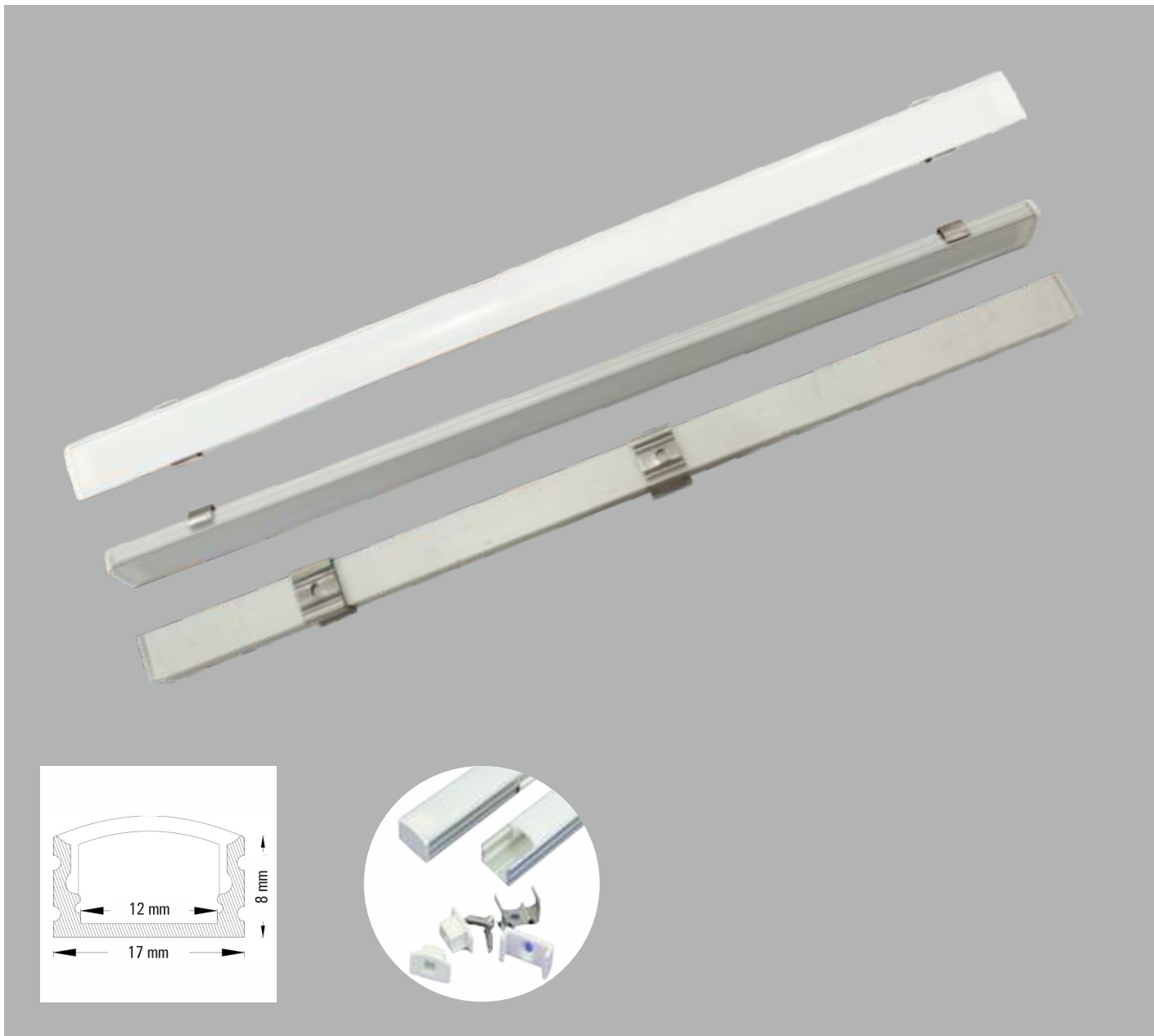
- > 85%

Dimmable

- Available

DC voltage

- 12V



## ZEST PLANE

- Control Gear Mount : External
- Finishes : Anodized / Powder Coated
- Product Dimensions (LxWxH): 3657x17x8 mm
- Construction & Material : Extruded Aluminium

- CCT : 3000K / 4000K / 6000K
- IP Rating : 20
- Luminous Efficacy : 90 lm/W
- C.R.I. > 90
- Beam Angle : 120° (Degree)
- Operating Temperature : -10° - 60°C

Code

- 139 108 07.1.20

Power Supply

- Constant Voltage

Input Voltage

- 90-270 V AC

Power Consumption (per Mtr)

- 20 W

Power Factor

- > 0.95

Efficiency

- > 85%

Dimmable

- Available

DC voltage

- 12 V



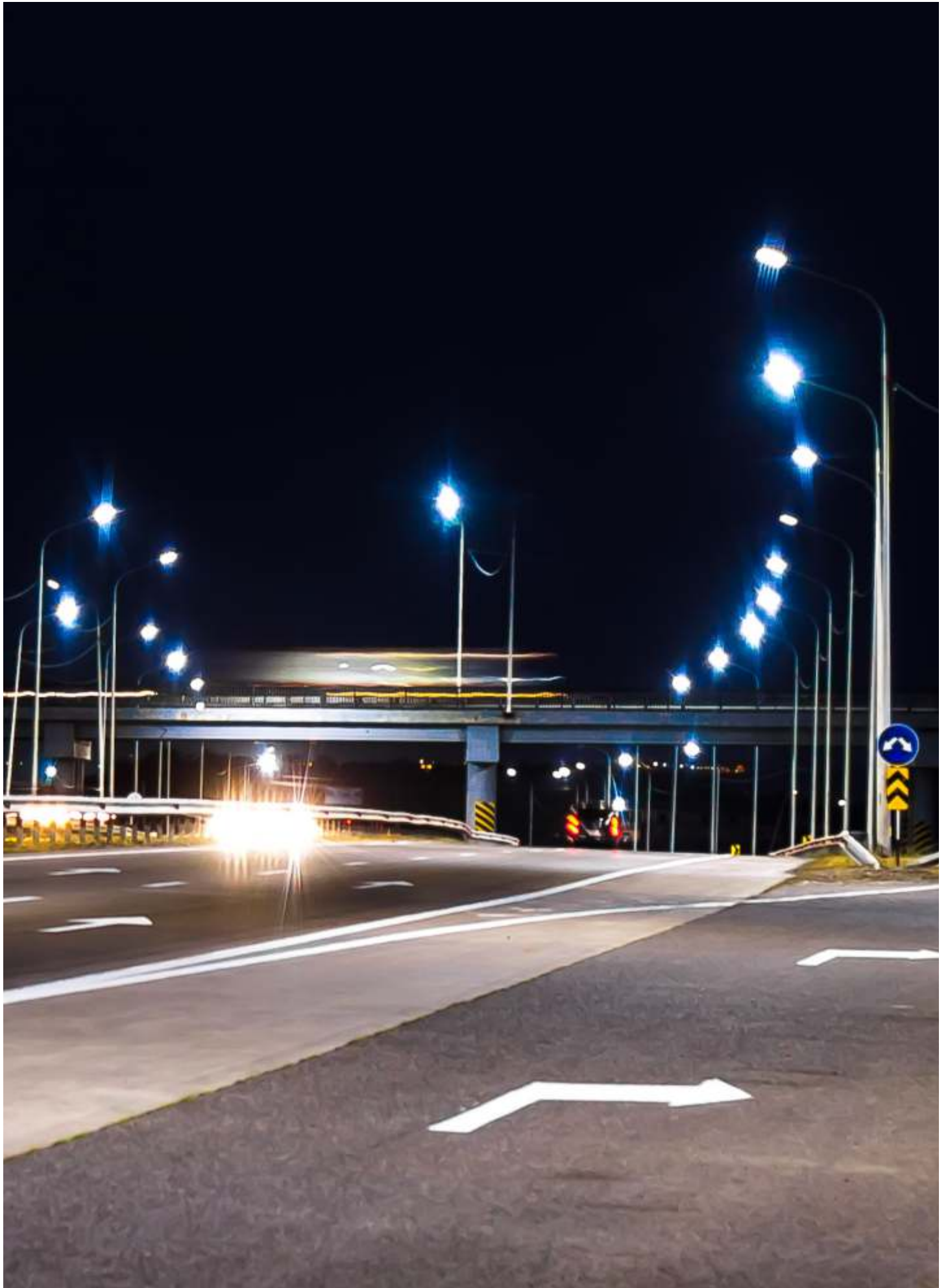
## ZEST ANGLE

- Control Gear Mount : External
- Finishes : Anodized / Powder Coated
- Product Dimensions (LxWxH): 3048x20x20 mm
- Construction & Material : Extruded Aluminium

- CCT : 3000K / 4000K / 6000K
- IP Level : 20
- Luminous Efficacy : 90 lm/W
- C.R.I. > 90
- Beam Angle : 120° (Degree)
- Life Span : 50,000 Hrs

Code	• 139 109 07.1.05 / .10 / .15 / .20
Power Supply	• Constant Voltage
Input Voltage	• 90-230 V AC
Power Consumption (per Mtr)	• 5W, 10W, 15W, 20W
Power Factor	• > 0.95
Efficiency	• > 85%
Dimmable	• Available
DC voltage	• 12V



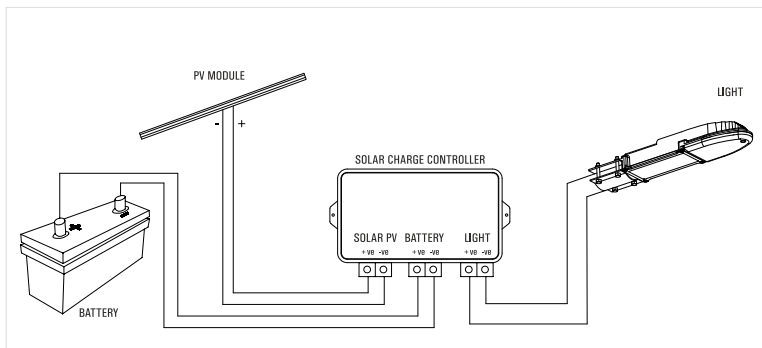




## Micro Zenith Solar

Micro Zenith Solar is for stand alone general street lighting installations where main electricity is not available.

- LED Type: High Power, High Efficacy SMD LED
- IP Rating: 65/66
- Luminaire size : 390 x 85 x 55 mm
- Weight : 1.2Kg
- Rugged solar charge controller
- Easy arrangement for pole mounting
- Special Aluminum Die cast fixture with toughened glass
- Automatic ON/OFF
- Easy to install with the help of C clamp
- Pole & Solar Mounting bracket (Optional)



Code	• 107 43 09.18
Input Wattage	• 24W
Battery	• 12 V/ 65 Ah
Solar Panel	• 100W
Autonomy	• 2 Days
Efficiency	• > 85%
Automatic On/Off	• Yes
Total Luminous	• > 2400 lm
Colour Temperature	• CW/WW
CRI	• > 70

Code	• 107 43 09.06
Input Wattage	• 8W (±10%)
Battery	• 12 V/ 40 Ah
Solar Panel	• 40W
Autonomy	• 3 Days
Efficiency	• > 85%
Automatic On/Off	• Yes
Total Luminous	• > 800
Colour Temperature	• CW/WW
CRI	• > 70

\* As per MNRE / DGS & D specifications.

Code	• 107 43 09.09
Input Wattage	• 12W
Battery	• 12 V/ 40 Ah
Solar Panel	• 45W
Autonomy	• 2.5 Days
Efficiency	• > 85%
Automatic On/Off	• Yes
Total Luminous	• > 1200 lm
Colour Temperature	• CW/WW
CRI	• > 70



## Zenith

Zenith is for general street lighting applications with various technical parameters as per requirements.

Code	• 119 09.52
Power Consumption	• 90W
Total Luminous	• 9000 lm
Weight	• 4.6 Kg
Dimension	• 525 x 265 mm

Code	• 119 09 52.1
Power Consumption	• 120W
Total Luminous	• 12000 lm
Weight	• 4.6 Kg
Dimension	• 525 x 265 mm

Code	• 119 09 52.2
Power Consumption	• 150W
Total Luminous	• 15000 lm
Weight	• 8.6 Kg
Dimension	• 600 x 290 mm

Code	• 119 09 52.4
Power Consumption	• 200W
Total Luminous	• 20000 lm
Weight	• 8.6 Kg
Dimension	• 600 x 290 mm

- Special Aluminum Die cast fixture with toughened glass
- Heat management compliance
- Inbuilt SMPS power supply
- Secondary optics provided
- Fully compliant to IS: 10322, IEC 60529, IEC 62262, Lm79
- Mounting Pole Die: 60mm

Type	• High Power LED
Fixture Colour	• Gray / Black
IP Rating	• 65/66
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
CRI	• > 75
Power Factor	• > 0.9
THD	• < 10%
Internal Surge Protection	• 4KV
External Surge Protection	• 10KV



## Micro Zenith

Zenith is for general street lighting applications with various technical parameters as per requirements.

Type	• High Power LED
Fixture Colour	• Grey
IP Rating	• 66
Operating Voltage	• 90-270 V AC
Operating Temperature	• -10° to 50 °C
Color Temperature	• CW/WW
Power Factor	• $\geq 0.9$
THD	• $\leq 20\%$
Luminous Efficacy	• $\geq 100$ lm/W

- Pressure die cast Aluminum fixture with Polycarbonate Diffuser/Toughned glass
- Heat management compliance
- CRI:  $> 75$
- LED Viewing Angle: 120°
- Inbuilt SMPS power supply
- External Surge Protection upto 10KV
- Slim and light weight fixture
- Fully compliant to IS:10322, IEC 60529, IEC 62262, Lm79
- Easy to install with the help of pole mount bracket
- Luminaire size: 355 x 100 x 75 mm
- Mounting hole Dia: 50mm

Product Code	Power Consumption	Total Lumen
19 68 09.8.1	20W	$\geq 2000$
19 68 09.8.2	40W	$\geq 4000$
19 68 09.10.1	60W	$\geq 6000$



## Power Lux | Duo

Power Lux is an excellent lighting product for facades, area lighting, warehouses, security and temporary installations.

- Special Extruded Aluminum heat sink for better thermal management of LEDs.
- Modular Type.
- IP Rating: 65.
- Easily adjustable fixture for achieving proper light.
- Full complaint to IS:10322, IEC 60529, IEC 62262, LM79.
- Easy to install with the help of clamp provided.
- Dimension (60W): 225 x 185 x 120 mm (80W): 225x 185 x 120mm.
- Weight: 4Kg (60w).

- Fixture Color
- Type
- Operating Voltage
- Color Temperature
- CRI
- Power Factor
- THD
- Internal Surge Protection
- External Surge Protection
- Grey
- COB/SMD
- 90-270 V AC
- CW/WW
- > 70
- > 0.9
- < 20%
- 4KV
- 10KV

Power Consumption	Order Code	Total Lumens
20W	225 131 20.16	> 2000
40W	225 131 40.16	> 4000
60W	225 131 60.16	> 6000
80W	225 131 80.16	> 8000
100W	225 131 100.18	> 10000
120W	225 131 120.18	> 12000



## Power Lux (Trio)

Power Lux is an excellent lighting product for facades, area lighting, warehouses, security and temporary installations.

- Special Extruded Aluminum heat sink for better thermal management of LEDs.
- Modular Type.
- Easily adjustable fixture for achieving proper light.
- IP Rating: 65.
- Full complaint to IS:10322, IEC 60529, IEC 62262, LM79.
- Easy to install with the help of clamp provided.
- Dimension (150 – 250W): 370 x 270 x 140 mm (300–3500W): 430 x 330 x 180mm.
- Weight: 9.5Kg.

- **Fixture Color Type**
- **Operating Voltage**
- **Color Temperature**
- **CRI**
- **Power Factor**
- **THD**
- **Internal Surge Protection**
- **External Surge Protection**
- Black/Grey
- COB/SMD
- 90-270 V AC
- CW/WW
- 75
- > 0.9
- < 10%
- 4KV
- 10KV

Power Consumption	Order Code	Total Lumens
150W	226 131 91.16	> 15000
170W	226 131 92.16	> 17000
200W	225 131 94.16	> 20000
250W	225 143 123. 17	> 25000
300W	258 143 123. 17.01	> 30000
350W	258 143 123. 17.02	> 35000
400W	258 143 123. 17.03	> 40000





## Flood Light with Sensor

Flood Light with motion sensor or light sensor is an excellent lighting product for facades, area lighting, warehouses, security and temporary installations. It senses the motion or light levels and automatically switches ON/OFF.

- Special Extruded Aluminum heat sink for better thermal management of LEDs.
- Motion Sensor / Light Sensor
- Modular Type.
- IP Rating: 65.
- Easily adjustable fixture for achieving proper light.
- Full complaint to IS:10322, IEC 60529, IEC 62262, LM79.
- Easy to install with the help of clamp provided.
- Dimension (60W): 225 x 185 x 120 mm (80W): 225x 185 x 120mm.
- Weight: 4Kg (60w).

- Fixture Color
- Type
- Operating Voltage
- Color Temperature
- CRI
- Power Factor
- THD
- Internal Surge Protection
- External Surge Protection
- Grey
- COB/SMD
- 90-270 V AC
- CW/WW
- > 70
- > 0.9
- < 20%
- 4KV
- 10KV

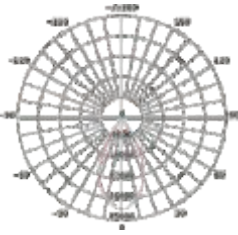
Power Consumption	Order Code	Total Lumens
20W	225 131 20.16S	> 2000
40W	225 131 40.16S	> 4000
60W	225 131 60.16S	> 6000
80W	225 131 80.16S	> 8000
100W	225 131 100.18S	> 10000
120W	225 131 120.18S	> 12000

Nebula

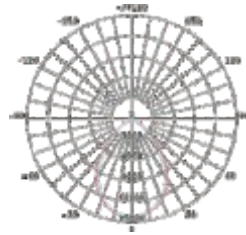


Silver

[Lighting Distribution Curve]

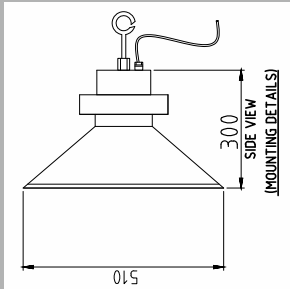


60D2960 / 60D5760 / 60D5860  
Beam Angle(50%) 60DEG



90D2990 / 90D5790 / 90D2890  
Beam Angle(50%) 90DEG





## Nebula

It is designed for suspended applications as Industrial Sheds, Sub Stations, Shopping Malls, Paint Shops, Warehouse & Exhibition Halls.

Type	• SMD
IP Rating	• 65
Operating Voltage	• 90-270 V AC
Color Temperature	• CW/WW
CRI	• 75
Power Factor	• 0.95
THD	• < 15%
Internal Surge Protection	• 4KV
External Surge Protection	• 10KV

- Diffuser: PC Diffuser
- Housing Material: Aluminum
- Hanging option
- Dimension: 390 x 500 mm
- Dia: 500 mm
- Weight: 9.7 Kg
- Full compliant to IS: 10322, IEC 60529, IEC 62262, LM79

Code	• 231 135 106.16
Power Consumption	• 100W
Total Lumens	• 10000

Code	• 231 135 107.16
Power Consumption	• 150W
Total Lumens	• 15000 lm

Code	• 231 135 108.16
Power Consumption	• 250 W
Total Lumens	• 25000 lm

Code	• 231 135 109.16
Power Consumption	• 500W
Total Lumens	• 50000 lm

Code	• 231 135 110.16
Power Consumption	• 700W
Total Lumens	• 70000 lm

Code	• 231 135 111.16
Power Consumption	• 1000W
Total Lumens	• 100000 lm



Code - 41 45 01.91.08

## LED Miners Cap Lamp

■ Description	LED Miners Cap Lamp
■ Battery Type	Li-ion
■ IP Rated	IP65
■ Battery voltage	3.7V
■ Battery capacity	5 Ah
■ Discharge time	16 hours
■ Lux at 1 meter distance	> 6000 lux
■ Led chip Voltage	3.6V
■ Led chip Current	350mA
■ Weight of cap lamp	0.550 kg
■ Life of battery	1100 cycles
■ LED Type	SMD
■ Colour	CW
■ Input (charging)	230 V AC / 50Hz
■ Output	Charging clip-key assembly specially designed

- Safe and reliable
- Product Chip Life: > 25,000 hours
- Modular Assembly with tamper proof design
- Short circuit protection
- Over charge & over discharge cut off
- Explosion Proof
- Low voltage alert in headpiece unit
- Suitable for methane environment
- Charging status indicator in headpiece unit
- Indication LED's: Red to indicate 'charging' Green to indicate 'fully charged'



## Galaxy Curvature

Galaxy Curvature is an ideal solution for outdoor/ architectural/lighting. It is aesthetically designed and enhances the ambiance with its attractive and unique design.

Type	• SMD
IP Rating	• 65
Operating Voltage	• 110-270 V AC
Color Temperature	• CW/WW
Power Factor	• < 0.95
THD	• < 20%
Surge Protection	• 4KV

- Attractive aesthetics
- Die-cast aluminum
- 360° light spread
- Anodized aluminum reflector and PMMA diffuser
- Base plate: Double chromed steel plate
- Mechanical and chemical anti-corrosion treatment UV resistant exterior paint system
- Assembling height: 4–9m
- Fixing: Top or side fitting 60mm
- Weight: 2.5 KG

Code	• 43 104.40.1
Power Consumption	• 40W
Lumens	• 3600

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Code	• 43 104.40.2
Power Consumption	• 60W
Lumens	• 4800

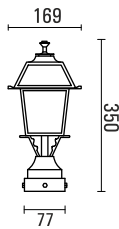
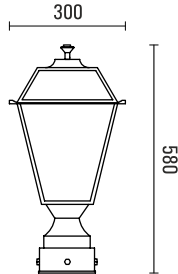


**Galaxy**

Galaxy is a post top lamp and is ideal for outdoor lighting. It has a victoria era look and finish; an old world charm.



Polar curve can be provided on request

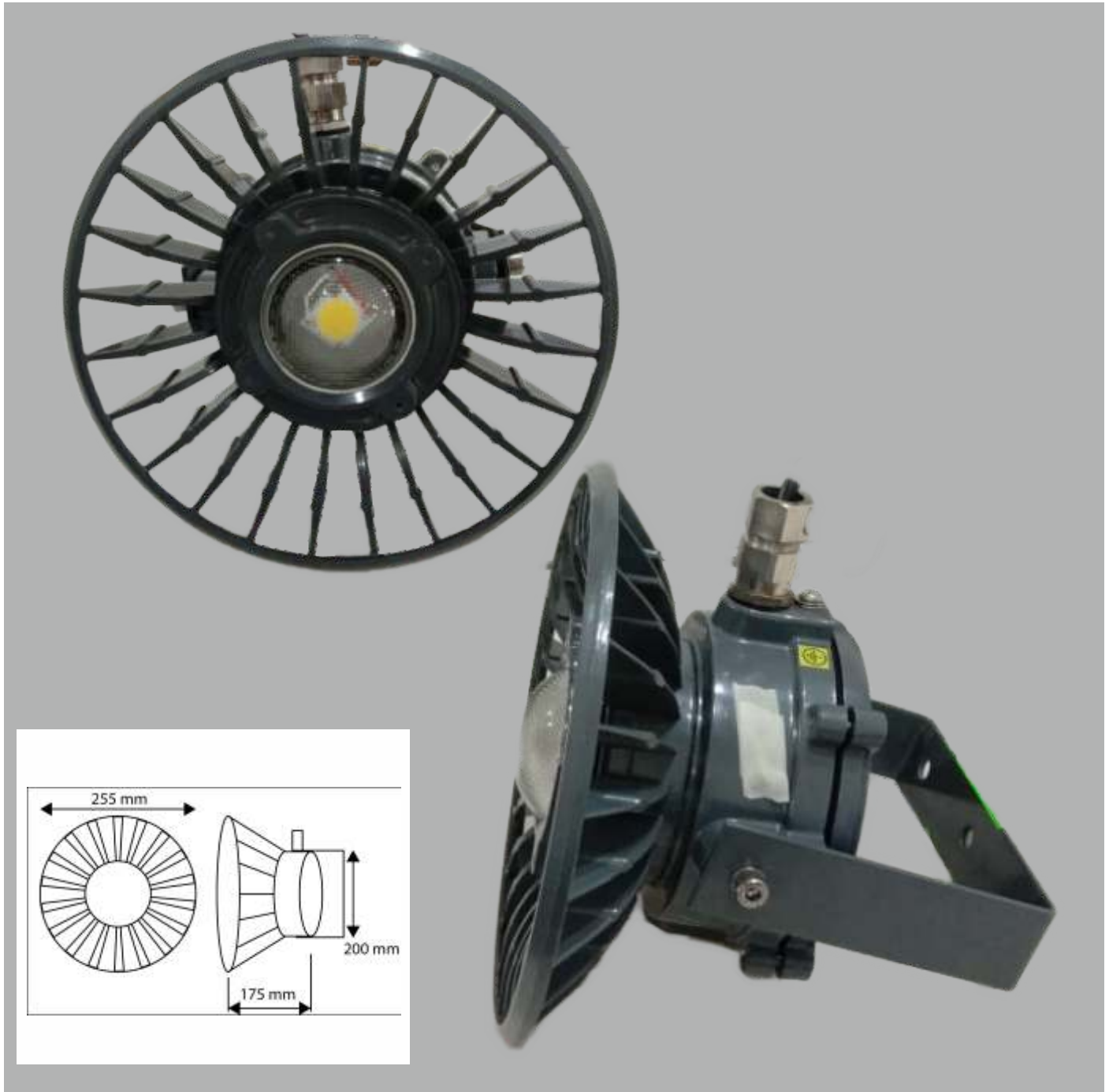


Design Patent No. 228618

- Code • 43 05 06.24
- Type • Power LED
- IP Rating • 65
- Power Consumption • 50W
- Fixture Colour • Black
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW
- Power Factor • > .95
- THD • < 20%
- Surge Protection • 4KV

- High grade Aluminum Die cast body
- Black Powder coated fixture with partially diffused and frosted toughened glass / polycarbonate sheet
- Aluminum extruded heat sink is used for better heat dissipation
- 360° light spread
- Attractive aesthetics
- Luminaire size : 580 x 300 mm / 350 x 169 mm
- Base dia : 115 mm
- Weight : 8.9 Kg/ 5.2 Kg
- Easy to install with the help of screws
- Tested by ERDA, Vadodra
- They are installed at the Central Vista Lawns at Rajpath

- Code • 43 05 06.12
- Type • Power LED
- IP Rating • 65
- Fixture Colour • Black
- Power Consumption • 25W
- Operating Voltage • 90-270 V AC
- Color Temperature • CW/WW/NW
- Power Factor • > 0.95
- THD • < 20%
- Surge Protection • 4KV



## LED Well Glass Fittings (LWGF)

Power Consumption	Order Code	Luminous Efficacy
30W	258 143 123.94.30	> 80 lm/W
35W	258 143 123.94.35	> 80 lm/W
40W	258 143 123.94.40	> 80 lm/W
45W	258 143 123.94.45	> 80 lm/W

- Aluminium die-cast with Epoxy powder coating
- Easily adjustable fixture for achieving proper light.
- IP Rating: 65.
- Full complaint to IS:10322, IEC 60529, IEC 62262, LM79.
- Easy to install with the help of clamp provided.

- |                           |               |
|---------------------------|---------------|
| Fixture Color             | • Grey        |
| Type                      | • Well Glass  |
| Operating Voltage         | • 90-270 V AC |
| Color Temperature         | • 6500 K      |
| CRI                       | • 80          |
| Power Factor              | • > 0.9       |
| THD                       | • < 10%       |
| Internal Surge Protection | • 4KV         |
| External Surge Protection | • 10KV        |



Code - 41 45 01.95.08

## Color Light (Eidolon 350)

■ Description	Multi-colour Projector
■ IP Rated	IP65
■ Beam Angle	Can be adjusted through DMX Controller
■ Input Voltage	240-50Hz
■ Max. Power	350W
■ Power Factor	> 0.9
■ Colour	Multi Color
■ DMX control channels	RGBW 0-100%
■ Interface	DMX
■ Patterns	Through Different types Bogo
■ Mains connection	Through 3 Core Power Cable
■ Data connection	Through DMX Cable
■ Operating temperature	-10°C to +50°C
■ Housing material	Die-cast aluminium
■ Housing color	Gray / Off White / Black
■ Dimensions	550x290 mm
■ Weight	30kg

• Multicolor: Color mixing effect

• 0%-100% 16 Bit dimming

• Rotatable & adjustable base design



Master Controller

Slave Controller

Code - 41 45 01.96.08

## • Narrow Beam Projector (S) RGBW

■ MODEL	PROJECTOR 200W
■ Description	Flood Light (RGBW)
■ IP Rated	IP65
■ Beam Angle	10°
■ Input Voltage to the Lights	24 V DC
■ Max. Power	200W
■ Input Voltage to the Driver	240 V AC 50Hz
■ Optics	15° ( 10°,25°,30°,15° x 30° )
■ DMX control channels	0-100%
■ Interface	DMX
■ Efficacy	> 0.9
■ Mains connection	through power cable
■ Data connection	through DMX cable
■ Operation temperature	-40°C ~ 50°C
■ Housing material ten watt	Extruded aluminium
■ Housing color	Gray/Black
■ Dimensions	540x135mm
■ Weight	10 kg

- Built-in power supply
- 0%-100% 16 Bit dimming technology
- Multiple wattages available
- Mounting bracket with flexible adjustments



Master Controller

Slave Controller

Code - 41 45 01.97.08

## Narrow Beam Projector (D) RGBW

■ MODEL	PROJECTOR 360W
■ Description	Flood Light (RGBW)
■ IP Rated	IP65
■ Input Voltage to the Light	24 V DC
■ Max. Power	360W
■ Input Voltage to the Driver	240 V AC 50Hz
■ Power Factor	> 0.9
■ Optics	6°,12°, 25°,40°,45°
■ DMX control channels	RGBW 0-100%
■ Interface	DMX
■ Main's connection	Through Power Cable
■ Data connection	Through DMX Cable
■ Operating temperature	-10°C to 50°C
■ Housing material	Die-cast aluminium
■ Housing color	Gray/Black
■ Dimensions	640x270 mm
■ Weight	12 kg

• Multicolor: Color mixing effect

• 0%-100% 16 Bit dimming

• Rotatable & adjustable base design





Code - 41 45 01.98.08

## Circular Narrow Beam Projector (RGBW)

■ Description	Flood Light (Round)
■ Beam Angle	3 – 10°
■ IP Rated	IP65
■ Input Voltage	240–50Hz
■ Max. Power	150W
■ Power Factor	> 0.9
■ Lumen	150W
■ Colour	White/Black
■ LED Qty	180pcs(48R+48G+48B+36W)
■ Optics	6° (12°, 25°, 45°, 40x12°)
■ DMX control channels	RGBW 0-100%
■ Interface	DMX
■ Controllable sections	2
■ Main's connection	3m cable(input only)
■ Data connection	3m cable(input+output)
■ Operation temperature	CC:-15+50°C
■ Housing material	Die-cast aluminium
■ Dimension 's in dia	420 mm
■ Weight	10 kg

● Multicolor: Color mixing efect

● 0%-100% 16 Bit dimming

● Rotatable & adjustable base design



Code - 41 45 01.99.08

## GRAZE L

■ Description	Linear Light RGB
■ IP Rated	IP65
■ Input Voltage to the Lights	24 V DC
■ Max. Power	25W
■ Input Voltage to the Driver	240 V AC 50Hz
■ Available Beam Angle Optics	15° ( 10°,25°,30°,15° x 30° )
■ DMX control channels	0-100%
■ Interface	DMX
■ Efficacy	> 0.9
■ Mains connection	through power cable
■ Data connection	through DMX cable
■ Operation temperature	-20°C ~ 70°C
■ Housing material ten watt	Extruded aluminium
■ Housing color	Gray/Black
■ Dimensions	915x62x84mm
■ Weight	3.6 kg

- Built-in power supply
- 0%-100% 16 Bit dimming technology
- Multiple wattages available
- Mounting bracket with flexible adjustments



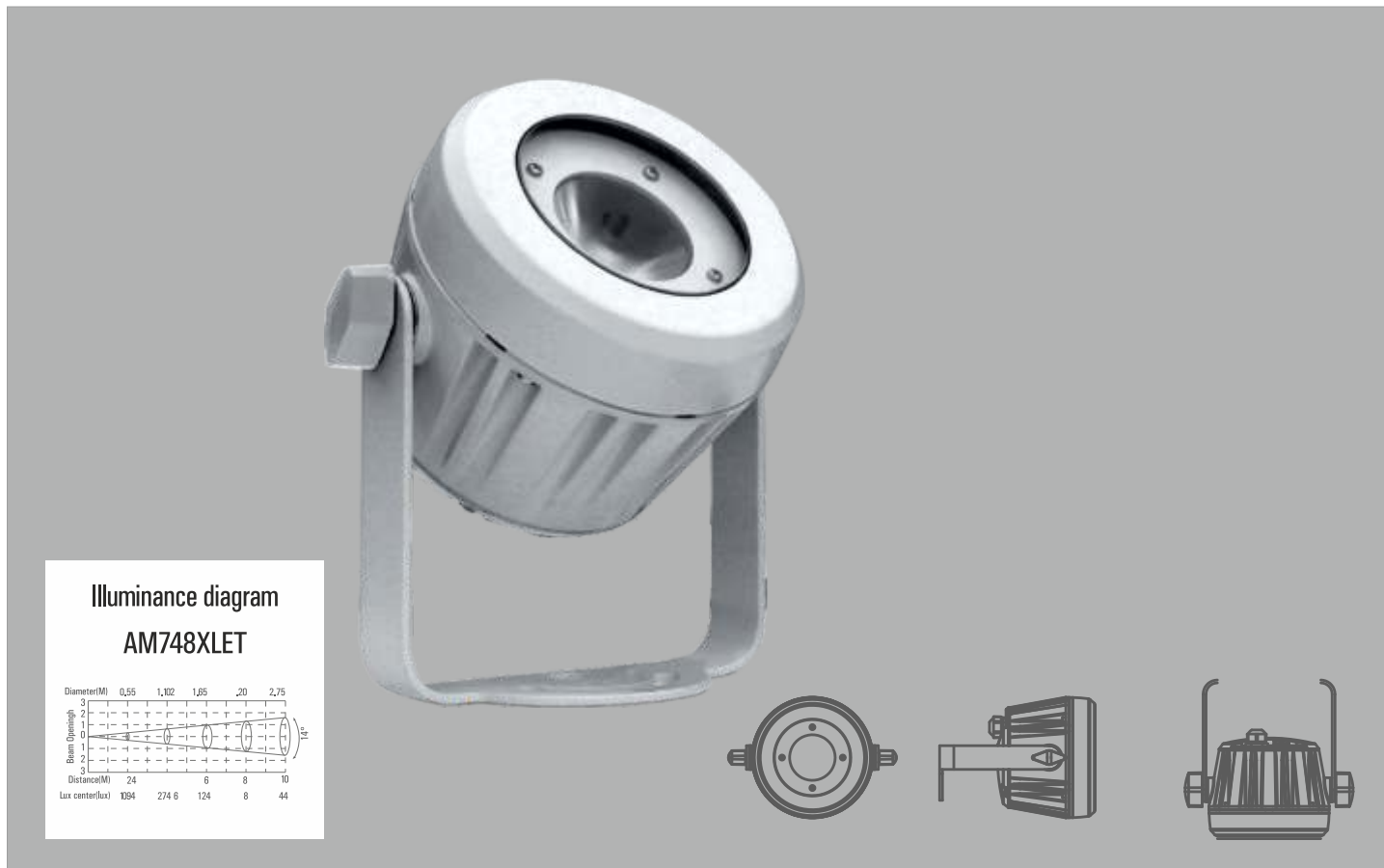
Code - 41 45 01,100.08

## Venus Mono

■ Description	Linear Light Mono
■ IP Rated	IP65
■ Max. Power	25W
■ Input Voltage	240 V AC 50Hz
■ Available Beam Angle Optics	15° ( 10°,25°,30°,15° x 30° )
■ CCT	CW & WW
■ Power Factor	> 0.9
■ Mains connection	through power cable
■ Operation temperature	-20°C ~ 70°C
■ Housing material ten watt	Extruded aluminium
■ Housing color	Gray/Black
■ Dimensions	915x62x84mm
■ Weight	3.6 kg

- Built-in power supply
- Multiple wattages available
- Mounting bracket with flexible adjustments

Equipped with single RGBW four-in-one LEDs, the new delicate and compact design device PIXI mini, possesses intelligent DMX dimming technology. It is used for lighting up landscape areas, trees, bushes and murals.



Code - 41 45 01.101.08

**PIXI mini**

■ Max. Power	100 ~ 240 V AC
■ Input Voltage	15W
■ Power Factor	> 0.9
■ Lumen	550lm
■ Peak Intensity	4500 cd
■ LED Qty	1xMultichip RGBL
■ Optics	14°
■ DMX control channels	0-100%
■ Interface	DMX, RDM
■ Controllable sections	1
■ Mains connection	3m cable(input only)
■ Data connection	3m cable(input + output)
■ IP Rated	IP66
■ Operation temperature	-40°C ~ 45°C (operating)
■ Housing material	Die-cast aluminium
■ Housing color	Off-white
■ Dimensions	170x176x164mm
■ Weight	1.7kg

- Single four-in-one LEDs, brilliant color mixing
- RDM bidirectional feedback function
- Grazing light effects
- Attractive aesthetics
- Waterproof light
- 0-100% 16Bit dimming technology

AM 745 series products are powerful lights made of die-casting aluminum housing, built-in power supply and driver, independent heat dissipation system, rotatable & fixable bracket support, available for a series of optical lens, and equipped with adjustable glare shield. Controllable via the DMX512 system, with creative intelligent dimming technology, the light color of the spotlight is softer and widely suitable for the application of landscapes, bridges, exterior facades of buildings and etc.



Code - 41 45 01.102.08

**i12**

# Input Voltage

■ Input Voltage	100 ~ 277 V AC
■ Max. Power	38W
■ Power Factor	> 0.9
■ Lumen	1200lm
■ Peak Intensity	14755cd (12°)
■ LED Qty	12pcs(4R + 4G + 4B)
■ Optics	12° (5°, 25°, 45°)
■ DMX control channels	RGB 0-100% dimming
■ Interface	DMX
■ Controllable sections	1
■ Mains connection	3m cable(input only)
■ Data connection	3m cable(input + output)
■ IP Rated	IP66
■ Operation temperature	-40°C ~ 45°C (operating)
■ Housing material	Die-cast aluminium
■ Housing color	Off-white
■ Dimensions	244x152x308mm
■ Weight	4.25kg

● Anti-thunder shock protection design

● AC200-277V wide voltage design







Design Patent no. 212550

Code Type A - 05 57 00.54

Code Type B - 05 57 00.55

- Type • 5 mm Ultra Bright
- LED Light Colour • Red
- Power Consumption:
  - Type A • < 2W
  - Type B • < 5W
- IP Rating • 65
- Operating Voltage • 90-270 V AC  
24-60 V DC
- Weight • 1.3 Kg



Code Type A - 06 57 00.72

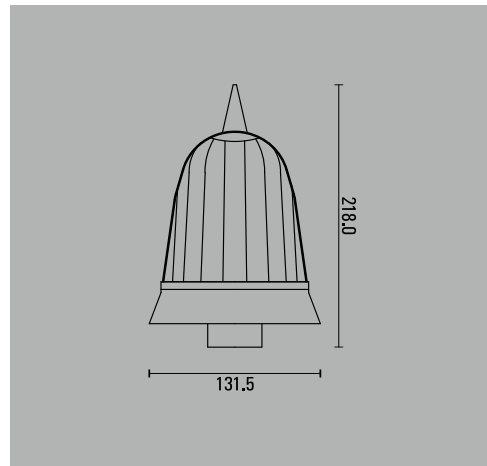
Code Type B - 05 57 00.73

**System Configuration:**

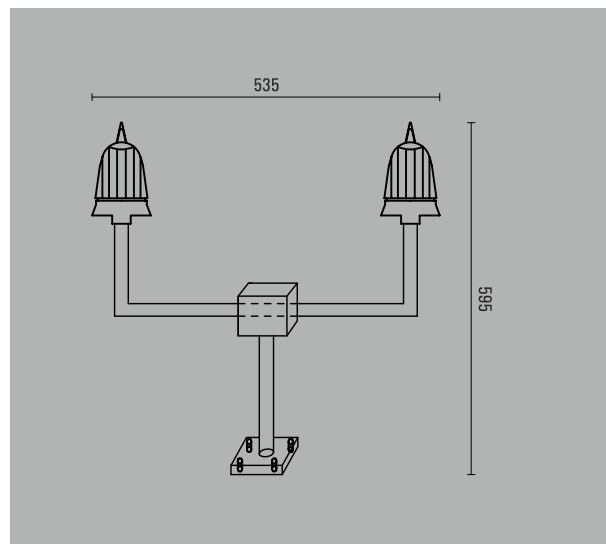
- Both lights 'ON DUTY' or 'DUTY' and 'STANDBY' mode with failure alarm monitoring
- Technical specifications same as for Low Intensity LED Aviation Obstruction Light

## Low Intensity LED Aviation Obstruction Light

Low intensity aviation warning lights are used for aircraft safety on telecom towers, buildings, chimneys, high-rise structures and transmission lines.

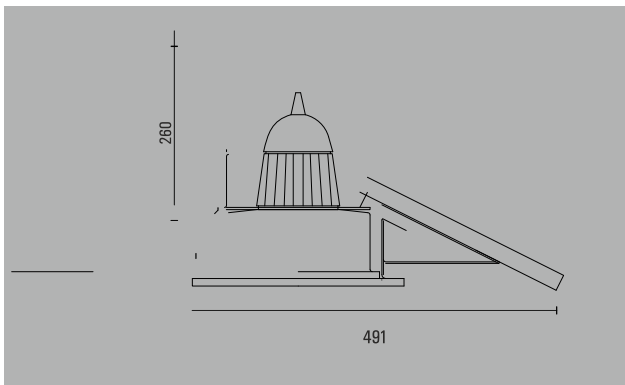


- Patented design
- Intensity at 0° for Type-A Light : > 10 Cd.
- Intensity at 0° for Type-B Light : > 32 Cd.
- Die-cast aluminum body
- UV stabilized optical lens for intensity and angular distribution
- 360° Horizontal visibility.
- Conforming to ICAO/FAA standards
- Auto on/off through inbuilt photocell.
- LPM Technology
- Tested by NABL accredited laboratory.

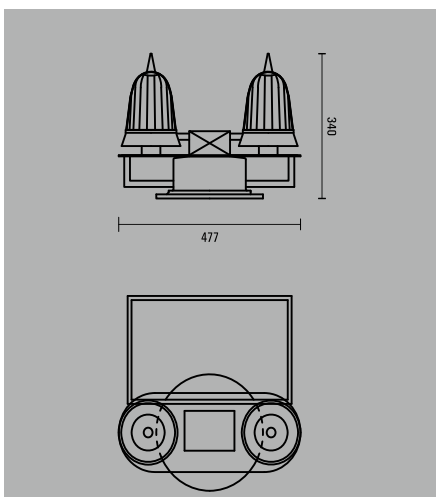


## Solar LED Aviation Obstruction Light

Solar Low Intensity Aviation Obstruction Light are used as warning lights for airways safety. These light require no cables and reduces the initial capital costs. They are used for aircraft safety on telecom towers, buildings, chimneys, high-rise structures and transmission lines.



- Intensity at 0° : > 10 candela
- Casing made from pressure die casting of Aluminum alloy
- 360° Horizontal visibility
- UV stabilized polycarbonate lens for intensity and angular distribution.
- Dusk-dawn control provided through solar panel
- Gasket for moisture protection
- All screws are SS 304 corrosion resistant
- Conforming to ICA/FAA standard.
- Failure alarm system (optional)
- Base plate provided for easy installation



Design patent no. 222557

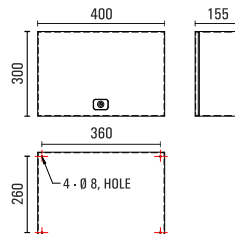
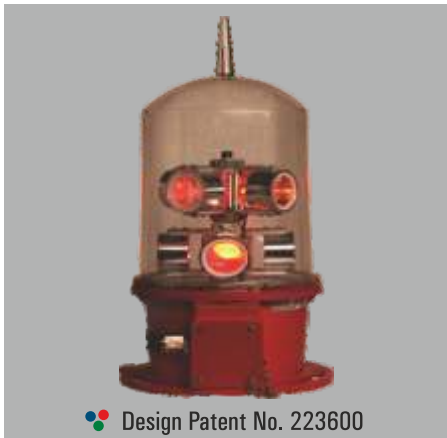
Code - 07 57 00.36 | Fixture Colour - Red

Type	• 5mm High Power LED
LED Light Colour	• Red
Power Consumption	• < 2W
Solar Panel	• 8W
IP Rating	• 65
Battery (inbuilt) SMF	• 12V / 7.2 Ah
Weight	• 5.6 Kg



Code - 85 70 0.63 | Fixture Colour - Red

Type	• 5mm High Power LED
LED Light Colour	• Red
Power Consumption	• < 2W
Solar Panel	• 8W
IP Rating	• 65
Battery (inbuilt) SMF	• 12V / 7.2 Ah
Weight	• 8.5 Kg
System Configuration	• Duty and Standby mode with failure alarm monitoring



**Type A**

- Code** • 03 56 05.40 A
- Fixture Colour** • Red
- Type** • Power LED
- Power Consumption** • 50W
- IP Rating** • 65
- Operating Voltage** • 90-270 V AC  
20-50 V DC
- Intensity (as per ICAO)** • 20000 cd ± 25% (day)  
2000 cd ± 25% (night)
- LED Light Colour** • White
- Flashing** • 20 - 60 fpm

**Type B**

- Code** • 03 56 05.8 B
- Fixture Colour** • Red
- Type** • Power LED
- Power Consumption** • < 18W
- IP Rating** • 65
- Operating Voltage** • 90-270 V AC  
20-50 V DC
- Intensity (as per ICAO)** • 2000 cd ± 25%
- LED Light Colour** • Red
- Flashing** • 20 - 60 fpm

**Type C**

- Code** • 03 56 05.8 C
- Fixture Colour** • Red
- Type** • Power LED
- Power Consumption** • < 18W
- IP Rating** • 65
- Operating Voltage** • 90-270 V AC  
20-50 V DC
- Intensity (as per ICAO)** • 2000 cd ± 25%
- LED Light Colour** • Red
- Flashing** • Fixed
- Fixed 'ON'** • Night mode

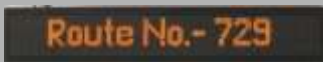


Code - 41 45 01.107.08

## High Intensity Aviation Obstruction Light (LED)

- |   |   |   |  |
|---|---|---|--|
| <ul style="list-style-type: none"> <li>• Lens - Imported lenses for greater visibility</li> <li>• Photocell (sun switch) - automatic change in intensity in all three modes</li> <li>• Radio suppression - conforming to BS800</li> <li>• Cover : toughened glass</li> <li>• Conforming to ICAO/FAA standards</li> <li>• Housing made of die cast aluminum</li> </ul> | <ul style="list-style-type: none"> <li>• Set of 3 lights recommended to cover 300° horizontally</li> <li>• Synchronization for multiple lights on single master control unit also available</li> <li>• Failure alarm: Visual indication</li> <li>• Tested NABL accredited laboratory</li> <li>• Easy to install</li> <li>• Weight: 10.0 Kg</li> </ul> | <ul style="list-style-type: none"> <li>Lamp</li> <li>Power Consumption</li> <li>IP Rating</li> <li>Intensity (Daylight)</li> <li>Intensity (Twilight)</li> <li>Intensity (Night)</li> <li>Operating Voltage</li> <li>Dimensions (mm)</li> <li>Flashing</li> </ul> | <ul style="list-style-type: none"> <li>• LED</li> <li>• &lt; 150W</li> <li>• 65</li> <li>• 200000 cd +/- 25%</li> <li>• 20000 cd +/- 25%</li> <li>• 2000 cd +/- 25 %</li> <li>• 180-270 V AC</li> <li>• 550 x 360 x 175</li> <li>• 40-60/ minutes</li> </ul> |
|---|---|---|--|





Inside



Front



Side and Rear



Code - 41 45 01,108.07 | .30 | .33 | .25 | .25R

## LED Destination Boards

- Console acts as master unit for front, rear, side and inside displays.
- Console has memory to save 300 routes with 150 stops each.
- Automatic brightness control and IP 65 protection.
- Over voltage | under voltage protection.
- Non-multiplexed design.

Features	Console	Inside Display	Front Display	Side Display	Rear Display
Language	Hindi/English and any other regional language				
Display Pattern	Fixed	Fixed/Scroll	Fixed/Scroll	Fixed/Scroll	Fixed/Scroll
Pixel Size	240 x 64	128 x 16	144 x 16	96 x 16	96 x 16
Display	Graphic LCD (Blue)	DOT Matrix LED	LED 4mm/oval/amber	LED 4mm/oval/amber	LED 4mm/oval/amber
Character Size	6 mm	120 mm	200 mm	200 mm	200 mm
Memory	32 MB	128 KB	128 KB	128 KB	128 KB
Communication	RS485	Rs485	Rs485	Rs485	Rs485
Text Transfer	USB Memory Stick	-	-	-	-
GPS	YES	NO	NO	NO	NO
Operating Voltage	9V-32 V DC	9V-32 V DC	9V-32 V DC	9V-32 V DC	9V-32 V DC
Power Consumption	7W	30W	33W	25W	25W
Display Area (mm)	107 x 28	952 x 100	1840 x 210	935 x 210	935 x 210
Outer Dimensions (L x H x D mm)	178 x 155 x 50	1048 x 183 x 55	1880 x 310 x 55	975 x 310 x 55	975 x 310 x 55
Mounting Provision	Dashboard	Hanging	Hanging	Hanging	Hanging

\* Instapower BUS Display Board have been tested and approved by ARAI, Pune as per specification UBS-II



J M Park Lighting





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110017, India  
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### Know More

E: [info@instapower.com](mailto:info@instapower.com)  
W: [www.instapower.com](http://www.instapower.com)

### Plant

103, Raipur Industrial Area,  
Bhagwanpur, 15.5 km.  
Roorkee-Dehradun Highway,  
Uttarakhand - 247 661, India