

cosmoTM
Let there be light

2 0 2 1 - 2 0 2 2



Manufacturing | Design | Consultancy | Automation

Chairperson



Professor Rubina Hamid
Department of Management
Dhaka University

BD THAI FAMILY

"To manufacture & distribute CORE OF EXCELLENCE products that remarkably encounter state requirements by adopting up-to-the-minute technology, qualified manpower, eco-friendly and socially accountable procedure and thereby create justifiable value for our stakeholders."



Our Tributes to our **FOUNDER CHAIRMAN**
Late Col. (Retd) A Maleque-P.S.C
(1936-2000)



BTA-Bangladesh Thai Aluminium Ltd.

BTA is the pioneer in Bangladesh to manufacturing high quality aluminium profilsfor doors, windows, curtain walls, partitions, false ceilings, automobiles and railway windows, tower bolts and other industrial products. Since 1991 BTA Introduce as a public listed company Bangladesh Stock Exchange Comission. BTA's Paid - up Capital BDT 1277.75 Million (31-03-2021)



SUNLIFE INSURANCE CO. LTD.

SLICL is a third generation leading life insurance company in Bangladesh, was incorporated on March 1, 2000. In 2013 SLICL enlisted as a public limited company under Bangladesh Stock Exchange Comission with a capital of BDT 230 Million.



BD THAI FOOD & BEVERAGE LTD.

BD Thai Food & Beverage Limited (BTFBL) was incorporated in 2010 as a concern of BD Thai Group. 2021 BTFBL Enrolld to IPO. BTFBL is FDA, HACCP Compliant & ISO 22000;2005 Certifide company.



BD SUNLIFE SECURITIES LTD.

BD SUNLIFE SECURITIES LTD. is one of the first full-service stock brokerage house in Bangladesh capital market. BD SUNLIFE SECURITIES LTD is an subsidiary of sunlife insurance company limited.



RAHAT REAL ESTATE & CONSTRUCTION LTD

RRCL is a leading real state & construction company in Bangladesh since 1996. RRCL is a REHAB member.



FORTE ENGINEERING LIMITED.

FORTE ENGINEERING LIMITED is a fabrication consultancy instalation & comissiony solution platform.



BD THAI COSMO LIMITED

LED Light Manufacturing, customization, professional lighting Solution through design, drawing, consultancy, Automation, Instalation & Comissiony. It is a ISO Certified 360 lighting solutions venture.



BD Thai Cosmo Fisheries Ltd

Organic 4th genaration technology base export oriented estabilshedment.



ALISHA ENTERPRISE

Export import, logistic operation.

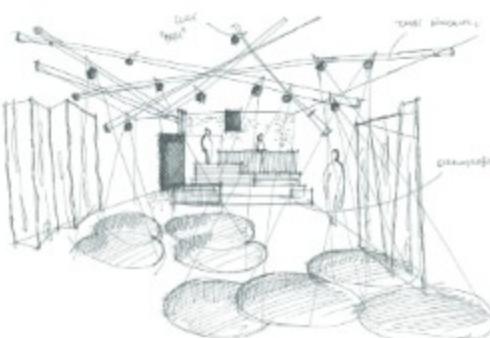


NANITUS ENGINEERING

Manufacturer, Construction, Engineering, Interior and Fabrication & Consultancy.



M A N U F A C T U R I N G
D E S I G N
C O N S U L T A N C Y
A U T O M A T I O N



"Our Vision is to produce and arcade diverse advanced state of art energy efficient professional lighting and electrical products to significant market fragments. To accomplish such pledge, BD Thai Cosmo Ltd. retains a values of uninterrupted enhancement of products, R&D, and Service for the end users."

WHO WE ARE

"Let there be light" the most significant watchword for **BD THAI COSMO LTD.** We are proud to introduce us as the pioneers in light manufacturing industry in the country. It is a concern of **BD THAI GROUP.** Quality is the first, highly efficient and technical novelty is our business attitude. We try to our greatest to encounter the rations and strains of the consumers and accomplishment the confidence as well. We are eco-friendly with **CE** and **ROHS.** **BD THAI COSMO LTD.** is an **ISO 9001:2015** certified company as well as **BSTI** approved. Our products are **BUET CERTIFIED.** Any proficient lighting consultancy concluded design, drawing, installation and commissioning one can trial the **BD THAI COSMO's** assessment. We are certain about that **BD THAI COSMO LTD** top The edge of anticipation.

HOW WE ARE

Safety Oriented

We place value in protecting the environment and making a positive contribution to our community. Our illumination is eco-friendly concerning safety of both people as well as the environment exposed to LED illumination.

Proactive ,Professional, Passionate (3 Ps)

We drive a positive and inclusive culture that strive for excellence. Our people are trained to be true professionals to proactively and passionately provide eco-friendly lighting solutions

Safety Oriented

We place value in protecting the environment and making a positive contribution to our community. Our illumination is eco-friendly concerning safety of both people as well as the environment exposed to LED illumination.

Innovative Yet Balanced

We believe in innovative high-quality solutions using new technology. We enhance customer value by helping them save money, energy and the environment. We are Client-Focused and Solution-Oriented



COSMO Guarantee & Warranty Terms & Conditions

Guarantee & Warranty Period

The warranty period is determined to commence on date of invoice to the end user or, if the end user cannot provide proof of invoice, then the date code on the lamp or fitting will be used.

- Warranty is valid only in Bangladesh. All other countries to be confirmed and agreed on an individual basis
- COSMO Lighting shall not be liable for loss or profit or indirect loss
- Carriage costs of returned items are not covered by the warranty
- Any products repaired or replaced under warranty, shall be warranted for the remainder of the warranty period.
- If the product has been discontinued or is no longer available, we will provide an alternative of equal specification. COSMO Lighting is not responsible for any miss-match with other products on site.
- **2 Year Guarantee • 3 Year Guarantee • 5 Year Guarantee • 1 Year On-Site Warranty**
- For integrated emergency lighting fittings the warranty period for batteries is 1 year unless stated on the Purchase order

2 Year Guarantee

COSMO Lighting will repair or replace any product that fails to operate normally within a 2 year period from the date of purchase.



- Warranty is based on burning period of 10 hours per day maximum

- Products are operated with an air gap around

- A COSMO Lighting representative will be allowed access to the defective products and installation

- Labour costs, transport and access equipment are not covered under this warranty

- Includes Segula products

3 Year Guarantee

COSMO Lighting will repair or replace any product that fails to operate normally within a 3 year period from the date of purchase.



- Warranty is based on burning period of 10 hours per day maximum

- Products are operated with an air gap around

- A COSMO Lighting representative will be allowed access to the defective products and installation

- Labour costs, transport and access equipment are not covered under this warranty

- Includes Segula products

5 Year Guarantee

COSMO Lighting will repair or replace any product that fails to operate normally within a 5 year period from the date of purchase.



- Warranty is based on burning period of 10 hours per day maximum

- Products are operated with an air gap around

- A COSMO Lighting representative will be allowed access to the defective products and installation

- Labour costs, transport and access equipment are not covered under this warranty

1 Year On-Site Warranty

In the event that a product covered by the 1 year On-Site Warranty fails within 1 year of the purchase date COSMO Lighting will where possible authorise the installer to replace the failed product and reimburse fair and reasonable costs. In the event that agreement can not be reached COSMO Lighting engineers will carry out the repair or replacement.



- COSMO Lighting will only be liable for repair or replacement costs that are agreed in advance by a company director.

- A COSMO Lighting representative will be allowed access to the defective products and installation

The warranty shall be void in the following circumstances:-

- Non-compliance with installation and safety regulations given in the installation instructions
- Modification or repair of any product by the installer, end user or anyone unauthorised to do so
- Improper use or installation, damage by accident or neglect, of any product by the installer, end user or any third party
- If the product is operated outside of the stated operating temperature of the lamp or luminaire.

Electronics Components Vendors

LED CHIPS COMPONENTS



DRIVER COMPONENTS

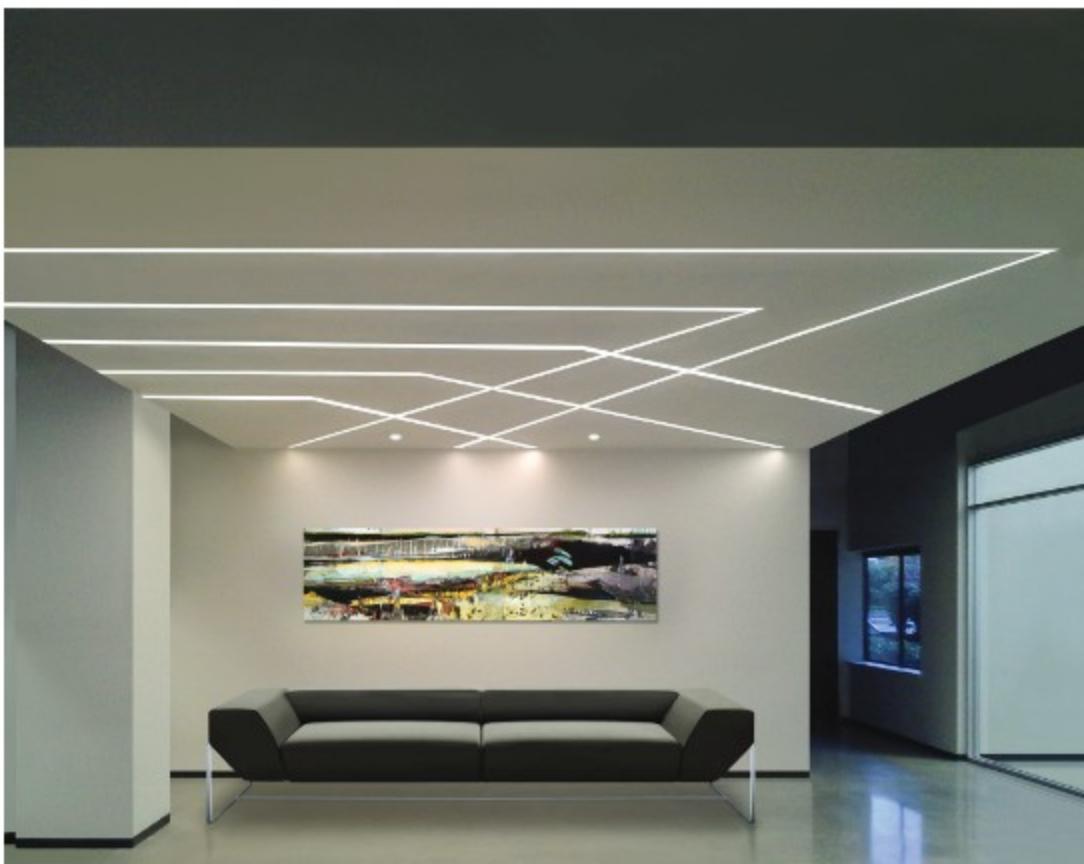


CERTIFICATIONS





INDOOR LIGHT



Features

Available Wattages	: 3W, 6W, 7W, 9W, 12W, 16W, 18W, 24W, 36W, 40W, 48W, 60W, 72W.
Working Voltage	: 85-265 VAC
Available Shapes	: Round, Square, Rectangular.
Type	: Surface, Conceal.
Rated Life	: 30,000 Hrs/50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥ 80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dong/IEC Standard
Housing Material	: Aluminium, Optical Grade Clear Cell Cast, PMMA Acrylic, Contain an evenly spread laser engraved dot matrix across the surface of the acrylic, Optional light diffusion film and reflector.

LED PANEL LIGHT(Surface & Conceal)



BDTCL- LSRPL-01



BDTCL- LSSPL-01



BDTCL- LCRPL-01



BDTCL- LCRPL -02



BDTCL-LCRPL-03



BDTCL- LCSPL-01



BDTCL-LCSPL-02



BDTCL-LCSPL-03



BDTCL-LPL-01



BDTCL-LPL-02



BDTCL-LPL-03



BDTCL-LPL-04



LED TUBE LIGHT



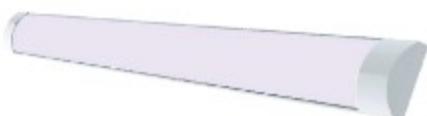
BDTCL-LTL-01

BDTCL-LTL-01i

BDTCL-LTL-02

BDTCL-LTL-03

LINEAR TUBE LIGHT(CATA)



Size : 4Ft



Size : 2Ft



Size : 1Ft

BDTCL-LEXTS-01

TUBE LIGHT SHADE



BDTCL-TLS-01



BDTCL-TLS-02

02

Features

Available Wattages	: 10W, 18W, 20 W, 22W, 24W, 28W.
	LED LINEAR- 10W, 20W 40W & 60W
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs/50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 100LM/W to 120 LM/W
CRI	: ≥ 80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dome/IEC Standard
Housing Material	: PC & Aluminium
Available Sizes	: 1ft, 2ft, 3ft & 4ft.

Made in Bangladesh



CUSTOM MADE LED LINEAR LIGHT FIXTURE

Features

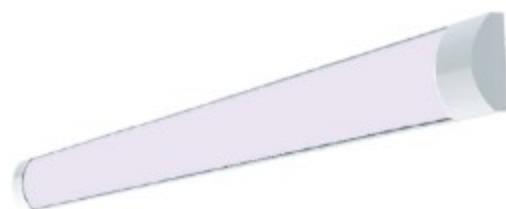
Customizable as per demand.

Manufacturing Lead time

Existing model : 2 to 3 Weeks.

Customized model : 90 to 120 Days

Made in Bangladesh



BDTCL-LEXTS-01



BDTCL-LEXTS-02



BDTCL-LEXTS-03



BDTCL-LEXTS-04



BDTCL-LEXTS-05

LED CONCEAL SPOT LIGHT



BDTCL-CSL-01



BDTCL-CSL-02



BDTCL-CSL-03



BDTCL-CSL-04



BDTCL-CSL-05



BDTCL-CSL-06



BDTCL-CSL-07



BDTCL-CSL-08



BDTCL-CSL-09



BDTCL-CSL-10



BDTCL-CSL-11



BDTCL-CSL-12

Features

Available Wattages	: 3W, 5W, 7W, 9W, 12W, 15W, 18W, 20W, 24W, 30W.
Working Voltage	: 85-265 VAC
Front Cover	: Tempered Glass, Clear, Middle-Frosted, Frosted, Lens.
Rated Life	: 30,000 Hrs / 50,000 Hrs.
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dome/ IEC Standard.
Housing Material	: Aluminium & Glass.

LED WALL BRACKET

Features

Available Wattages	: 10W, 15W, 20W.
Working Voltage	: 100-250 VAC
Front Cover	: Tempered Glass, Clear Frosted
Rated Life	: 30,000 Hrs / 50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥80
Housing Material	: Aluminium. & Glass.



BDTCL-LWB-01



BDTCL-LWB-02



BDTCL-LWB-03



BDTCL-LWB-04

GLASS WALL BRACKET



BDTCL-GWB-01



BDTCL-GWB-02



BDTCL-GWB-03



BDTCL-GWB-04



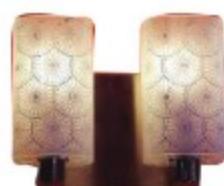
BDTCL-GWB-05



BDTCL-GWB-06



BDTCL-GWB-07



BDTCL-GWB-08



BDTCL-GWB-09



BDTCL-GWB-10



BDTCL-GWB-11



BDTCL-GWB-12



LED SURFACE DOWN LIGHT



BDTCL-SDL-01



BDTCL-SDL-02



BDTCL-SDL-03



BDTCL-SDL-04



BDTCL-SDL-05



BDTCL-SDL-06



BDTCL-SDL-07



BDTCL-SDL-08



BDTCL-SDL-09



BDTCL-SDL-10



BDTCL-SDL-11



BDTCL-SDL-12

Features

Available Wattages	: 3W, 5W, 6W, 7W, 9W, 12W, 15W, 20W, 30W
Working Voltage	: 85-265 VAC
Front Cover	: Tempered Glass, Clear, Middle-Frosted, Frosted, Lens.
Rated Life	: 30,000 Hrs / 50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥ 80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Done/ IEC Standard.
Housing Material	: Aluminium.



FANCY MIRROR LIGHT

Features

Available Wattages	: 10W, 15W, 20W
Working Voltage	: 85-265 VAC
Front Cover	: Tempered Glass, Clear, Middle-Frosted, Frosted
Rated Life	: 30,000 Hrs / 50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: White/Warm/Daylight
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥80
Housing Material	: Aluminium with Surface Baking Varnish



HANGING & WALL LIGHT FIXTURE



BDTCL-HL-01



BDTCL-HL-02



BDTCL-HL-03



BDTCL-HL-04



BDTCL-HL-05



BDTCL-HL-06



BDTCL-HL-07



BDTCL-HL-08



BDTCL-HL-09



BDTCL-HL-10



BDTCL-HL-11



BDTCL-HL-12



BDTCL-HL-13



BDTCL-HL-14



BDTCL-HL-15



BDTCL-HL-16

Features

Housing Material : Aluminium ,Glass.

Base : E-14-27, B-22.

Features

Available Wattages	: 50W, 100W, 150W, 200W, 300W, 400W.
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs / 50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥ 80
Housing Material	: Aluminium
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dore/ IEC Standard.

LED HIGHBAY & LOWBAY LIGHT



BDTCL-HBL-01



BDTCL-HBL-02



BDTCL-HBL-03



BDTCL-HBL-04



BDTCL-HBL-05



BDTCL-HBL-06



BDTCL-HBL-07



BDTCL-HBL-08



BDTCL-HBL-09



BDTCL-HBL-10



BDTCL-HBL-11



BDTCL-HBL-12



BDTCL-HBL-13



BDTCL-HBL-14



BDTCL-HBL-15



BDTCL-HBL-16



LED PENDANT LIGHT



BDTCL-LP-01



BDTCL-LP-02



BDTCL-LP-03



BDTCL-LP-04



BDTCL-LP-05



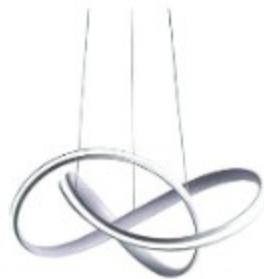
BDTCL-LP-06



BDTCL-LP-07



BDTCL-LP-08



BDTCL-LP-09



BDTCL-LP-10



BDTCL-LP-11



BDTCL-LP-12

Features

Available Wattages	: 20W & 30W.
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs.
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥ 80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: IEC Standard.
Housing Material	: Aluminium,Crystal.



CRYSTAL CHANDELIER

Features

Housing Material	: Aluminium, SS, Crystal, K95 Crystal Glass.
Base	: E14-E27, B22
Country of Origin	: Turkey, Thailand, Vietnam, Czech, China.



BDTCL-CC-01



BDTCL-CC-02



BDTCL-CC-03



BDTCL-CC-04



BDTCL-CC-05



BDTCL-CC-06



BDTCL-CC-07



BDTCL-CC-08



BDTCL-CC-09



BDTCL-CC-10



BDTCL-CC-11



BDTCL-CC-12



BDTCL-CC-13



BDTCL-CC-14



BDTCL-CC-15



BDTCL-CC-16

LED TRACK SPOT LIGHT



BDTCL-TSL-01



BDTCL-TSL-02



BDTCL-TSL-03



BDTCL-TSL-04



BDTCL-TSL-05



BDTCL-TSL-06



BDTCL-TSL-07



BDTCL-TSL-08



BDTCL-TSL-09

Features

Available Wattages	: 5W, 7W, 10W, 12W, 15W, 20W, 25W, 30W, 40W.
Working Voltage	: 85-265 VAC
Front Cover	: Tempered Glass, Clear, Middle-Frosted, Frosted Lens.
Rated Life	: 30,000 Hrs / 50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥ 80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dome/ IEC Standard.
Housing Material	: Aluminium
Beam Angle	: <10° to >120°



Features

Available wattages	: 12W, 18W, 20W
Working Voltage	: 85-265 VAC
Battery Capacity	: 12W-2400mA, 18W-3000mA
Backup Time	: 1Hrs to 3 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
CRI	: ≥80
Housing Material	: PC Cover Shell, PC/PBT Body, Aluminium Heat Sink
Base	: E-14-27, B-22.

EMERGENCY LIGHT (AC/DC)



BDTCL-LEL-01



BDTCL-LEL-02



BDTCL-LEL-03



BDTCL-LEL-04



BDTCL-LEL-05



BDTCL-LEL-06



BDTCL-LEL-07



BDTCL-LEL-08



BDTCL-LEL-09



LED SIGNS



BDTCL-SE-01



BDTCL-SE-01



BDTCL-SE-01



BDTCL-SE-01



BDTCL-SE-01



BDTCL-SE-01



BDTCL-SE-01



BDTCL-SE-01



BDTCL-SE-01

Features

Available wattages	: 3W-5W
Working Voltage	: 85-265 VAC
Rated Life	: 30,000Hrs / 50,000
Housing Material	: PC, Glass and Aluminium,
Backup Time	: 1 Hrs to 2 Hrs



FAÇADE LIGHT

LED NARROW BEAM FLOOD LIGHT



BDTCL-BFDL-01



BDTCL-BFDL-02



BDTCL-BFDL-03



BDTCL-BFDL-04



BDTCL-BFDL-05



BDTCL-BFDL-06



BDTCL-BFDL-07



BDTCL-BFDL-08



BDTCL-BFDL-09

Features

Available wattages	: 50W, 100W, 150W, 200W, 300W , 400W, 500W & 600W.
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs / 50,000 Hrs
Efficacy	: 90LM/W to 120 LM/W
Power Factor	: >0.5, ~ >0.95
Color Temperature	: 3000K to 7000K
CRI	: ≥80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Done/ IEC Standard.
Housing Material	: Aluminium, Lens, Tempered Glass
Beam Angle	: Customized
Protection Grade	: IP65 / IP66 / IP67



LED WALL WASHER LIGHT

Features

Available Wattages	: 18W, 24W, 36W, 72W
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs / 50,000 Hrs
Efficacy	: 90LM/W to 120 LM/W
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
CRI	: ≥80
LED Chips	: Osram/Bridgelux /Saran/Epistar.
LED Driver	: Meanwell / Philips/ Dong/ IEC Standard.
Housing Material	: Aluminium, Tempered Glass
Protection Grade	: IP65 / IP66 / IP67



SECURITY LIGHT FIXTURE



BDTCL-WSL-01



BDTCL-WSL-02



BDTCL-WSL-03



BDTCL-WSL-04



BDTCL-WSL-05



BDTCL-WSL-06



BDTCL-WSL-07



BDTCL-WSL-08



BDTCL-WSL-09



BDTCL-WSL-10



BDTCL-WSL-11



BDTCL-WSL-12



BDTCL-WSL-13



BDTCL-WSL-14



BDTCL-WSL-15



BDTCL-WSL-16

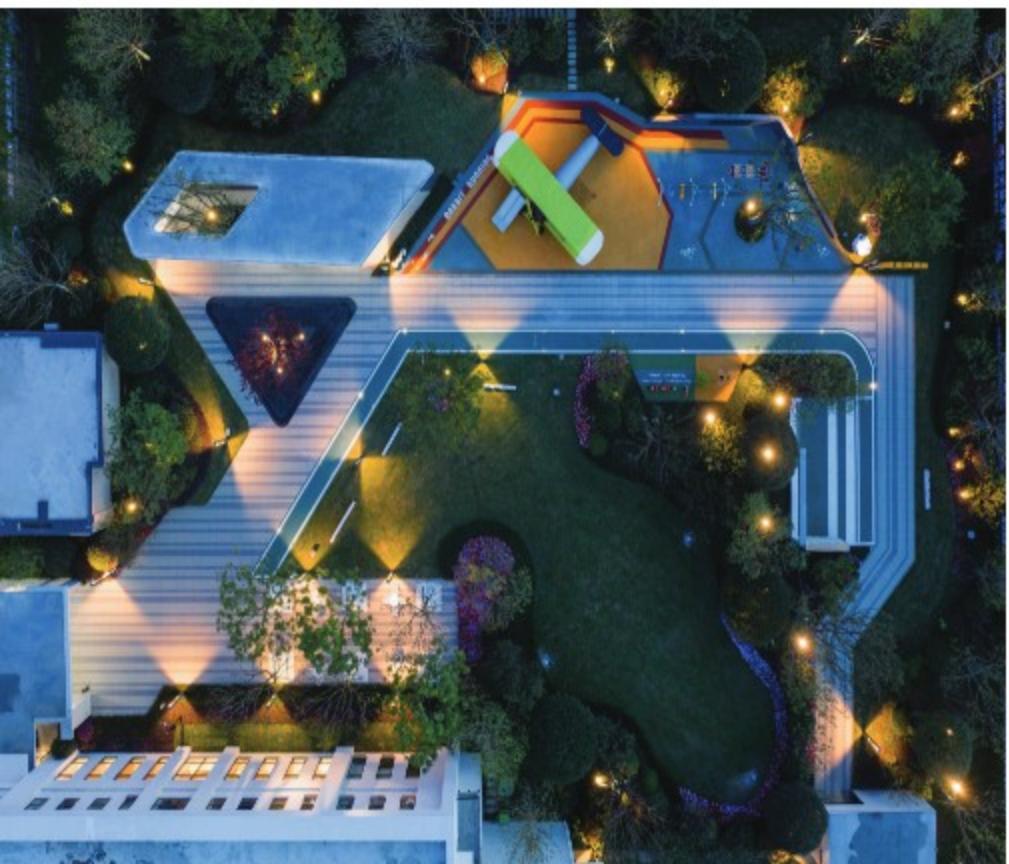
Features

Available Wattages	: 5W-13W LED/ 15W-23W CFL
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs / 50,000 Hrs
Efficacy	: 90LM/W to 120 LM/W
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
CRI	: ≥80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dome/ IEC Standard.
Housing Material	: Glass, Plastic, SS, Aluminium.
Base	: E-14-27, B-22.
Protection Grade	: IP65 / IP66 / IP67





LANDSCAPE LIGHT



LED UNDER WATER LIGHT



BDTCL-UWL-01



BDTCL-UWL-02



BDTCL-UWL-03



BDTCL-UWL-04



BDTCL-UWL-05



BDTCL-UWL-06



BDTCL-UWL-07



BDTCL-UWL-08



BDTCL-UWL-09

Features

Available Wattages	: 6W, 9W, 12W, 18W, 24W.
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs / 50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K / RGB
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dome/ IEC Standard.
Housing Material	: Stainless Steel, Tempered Glass
IP Grade	: IP 68 (3ft from Surface of the Water)



LED COB STREET LIGHT

Features

Available Wattages	: 30W, 50W, 100W, 150W, 200W.
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs / 50,000 Hrs
Efficacy	: 90LM/W to 120 LM/W
Power Factor	: > 0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
CRI	: ≥ 80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dore/ IEC Standard.
Housing Material	: Aluminium, Tempered Glass, Lens
Protection Grade	: IP65 / IP66



BDTCL-LSTL-01



BDTCL-LSTL-02



BDTCL-LSTL-03



BDTCL-LSTL-04



BDTCL-LSTL-05



BDTCL-LSTL-06

LED SMD STREET LIGHT



BDTCL-LSTL-05



BDTCL-LSTL-06



BDTCL-LSTL-07



BDTCL-LSTL-08

STADIUM FLOOD LIGHT



BDTCL-LHMFL-01



BDTCL-LHMFL-02



BDTCL-LHMFL-03



BDTCL-LHMFL-04



GARDEN POLE LIGHT



BDTCL-GDPL-01



BDTCL-GDPL-02



BDTCL-GDPL-03



BDTCL-GDPL-04



BDTCL-GDPL-05



BDTCL-GDPL-06



BDTCL-GDPL-07



BDTCL-GDPL-08



BDTCL-GDPL-09



BDTCL-GDPL-10



BDTCL-GDPL-11



BDTCL-GDPL-12

Features

Available Wattages	: 3W – 12W (LED)
	: 11W – 23W(CFL)
Working Voltage	: 100 – 265 VAC
Base	: E-14-27, B-22.
Housing Material	: Aluminium, Glass.
Height	: Customizable.

Features

Available Wattages	: 5W, 10W, 15W.
Working Voltage	: 85-265 VAC
Height	: 1ft 5 inch, 2ft , 3ft.
Rated Life	: 30,000 Hrs / 50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Done/ IEC Standard.
Housing Material	: Aluminium Cast, Frosted Fiber
Protection Grade	: IP65 / IP66 / IP67

LED BOLLARD LIGHT



BDTCL-LBL-01



BDTCL-LBL-02



BDTCL-LBL-03



BDTCL-LBL-04



BDTCL-LBL-05



BDTCL-LBL-06



BDTCL-LBL-07



BDTCL-LBL-08



BDTCL-LBL-09



BDTCL-LBL-10



BDTCL-LBL-11



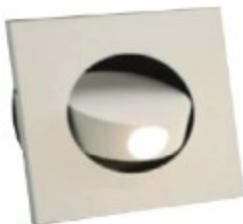
BDTCL-LBL-12



LED STAIR & FOOT LIGHT



BDTCL-STRL-01



BDTCL-STRL-02



BDTCL-STRL-03



BDTCL-STRL-04



BDTCL-STRL-05



BDTCL-STRL-06



BDTCL-STRL-07



BDTCL-STRL-08



BDTCL-STRL-09

Features

Available Wattages	: 3W, 6W, 9W.
Working Voltage	: 85-265 VAC
Available Shapes	: Round, Square
Rated Life	: 30,000 Hrs / 50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥ 80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dome/ IEC Standard.
Housing Material	: Aluminium, Plastic, SS
Protection Grade	: IP65 / IP66



Features

Available Wattages	: 5W-13W LED/ 15W-23W CFL
Housing Material	: Glass, Plastic, Aluminium, SS.
Base	: E-14-27, B-22.

Gate Light Fixture



BDTCL-GDL-01



BDTCL-GDL-02



BDTCL-GDL-03



BDTCL-GDL-04



BDTCL-GDL-05



BDTCL-GDL-06



BDTCL-GDL-07



BDTCL-GDL-08



BDTCL-GDL-09



BDTCL-GDL-10



BDTCL-GDL-11



BDTCL-GDL-12



BDTCL-GDL-13



BDTCL-GDL-14



BDTCL-GDL-15



BDTCL-GDL-16

LED COB FLOOD LIGHT



BDTCL-FDL-01



BDTCL-FDL-02



BDTCL-FDL-03



BDTCL-FDL-04

Features

Available Wattages	: 30W, 50W, 100W, 150W, 200W, 300W, 400W.
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs / 50,000 Hrs
Efficacy	: 90LM/W to 120 LM/W
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
CRI	: ≥80
LED Chips	: Osram/Bridgelux /Saran/Epistar.
LED Driver	: Meanwell / Philips/ Done/ IEC Standard.
Housing Material	: Aluminium, Tempered Glass, Lens
IP Grade	: IP 65/ IP66
Operating Temperature	: -10°C to 60°C.
Beam Angle	: >120°

LED SMD FLOOD LIGHT



BDTCL-FDL-05



BDTCL-FDL-06



BDTCL-FDL-07



BDTCL-FDL-08

PROFESSIONAL LIGHTING CONSOLES



PROJECT ANALYSIS

Understanding our clients and their needs and requirements is our prime focus before getting into the detailed design processes. We try to come up with Client and Site-Specific lighting solutions combining Exclusivity, Practicality and Cost-effectiveness.



DETAILED DRAWINGS

Providing complete detailed drawings on AutoCAD, along with mood boards and concept boards for easy understanding by the client.

LIGHTING DESIGN

Designing lights for every space with respect to the interiors, ambience, furniture and the kind of activity that is going to be done in that space. These bespoke lights are made based on the understanding about all the spaces and their requirements.



MATERIAL ASSESSMENT & SPECIFICATION

Suggesting specific lighting fixtures for each space along with wiring guidance, material specification and BOQ preparation.



EXECUTION & INSTALLATION GUIDELINES

Providing complete guidance for interior and exterior lighting design execution and installation.

Illuminating the promise of place

We create visually dynamic lighting environments that enhance forms, colors, and textures to reveal architecture's beauty. To appreciate the importance of light, it is important to understand how and why people use spaces. Our goal is to create prominent visual identities that improve the user experience and seek innovative approaches for lighting solutions.

We design architectural lighting solutions for projects ranging from urban streets to high-end retail, signature performing arts centers to world-class museums and beyond. In every project, light is located with care, using hu-

man perception as our guide. With light, we create safer, more appealing spaces that fulfill functional needs but go further—giving life, vitality, and spirit to our communities. While our deep commitment to sustainable solutions drives an energy-conscious approach which prioritizes daylighting and aims to preserve the night sky.



Daylight Design

A unique light source, daylight is variable by day, by season and by location, driven by the movement and position of our planet around the sun. Understanding this relationship allows us to create design solutions specific to the project context and climate, generating geometrical forms that are informed by the movement of the sun. This allows architecture and the built environment to be informed and shaped by daylight.

Architectural Lighting

Within architecture, lighting directs, sculpts, enriches, and provides people with a comfortable, safe and inspiring environment. Our approach starts from a deeply human centric perspective combined with strong conceptual thinking, leading to lighting design that supports wellbeing in healthcare environment, sophisticated and inspiring spaces for hospitality and retail or sustainable and nurturing experiences for workplaces and education clients.



The power of night-time lighting

We noticed that it wasn't being used to its full potential at night and set about analysing people's movements within the space, then transforming it with light. We revealed how lighting can affect where we go, when we go and which route we take. We noticed that it wasn't being used to its full potential at night and set about analysing people's movements within the space, then transforming it with light. We revealed how lighting can affect where we go, when we go and which route we take.

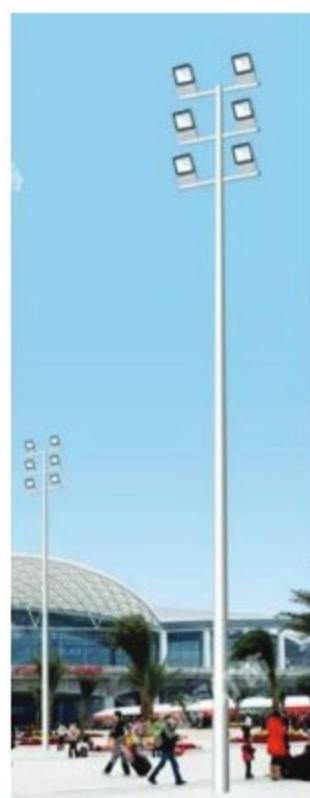
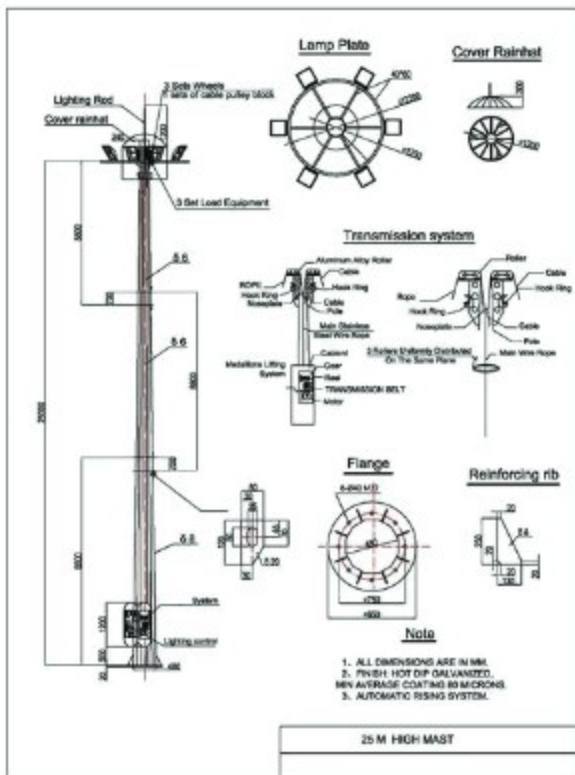
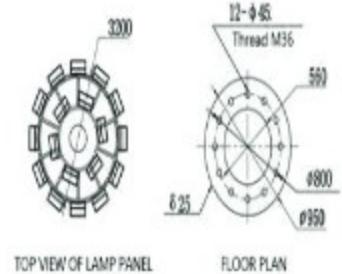
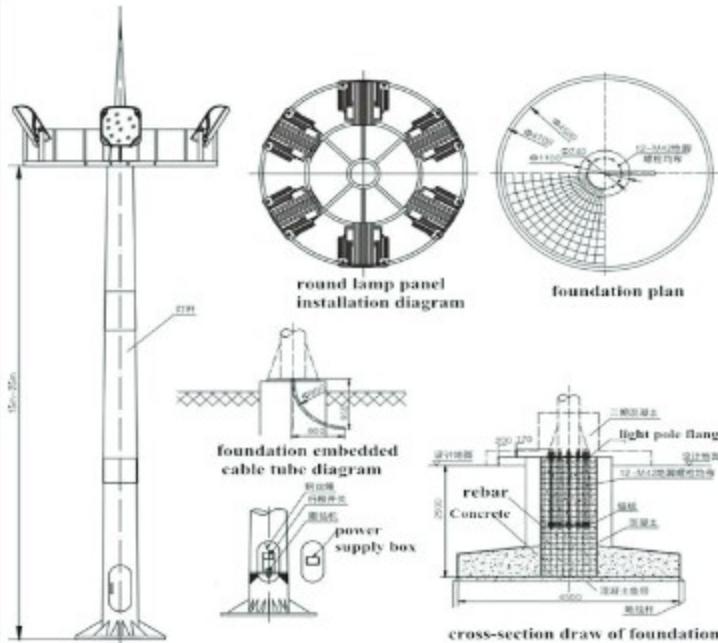
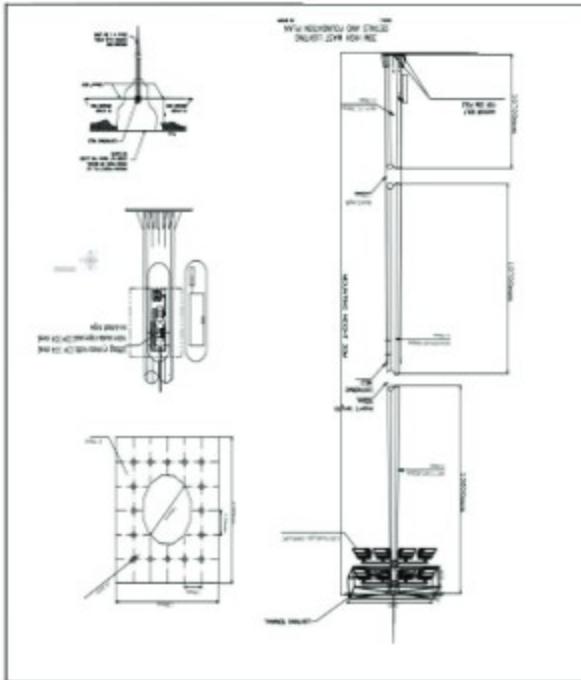




HIGH MAST, AVIATION STAGE & STADIUM LIGHTING



High Mast Light & Poll



Abstraction Light

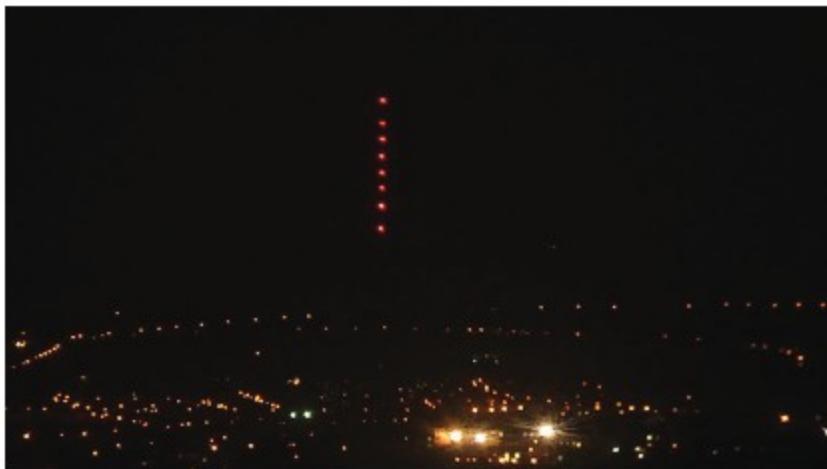


Tower light

Aviation Light



Aircraft warning light



Helipad Light



Runway light & Runway edge light



STAGE LIGHT

Moving Head



Studio Light



Special Effect



Per Can



Follow Spot



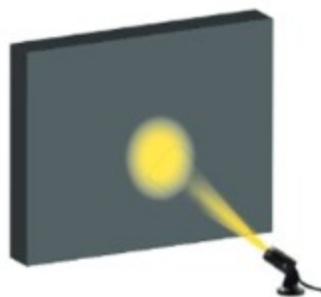
DMX Controller



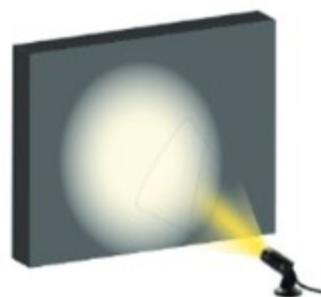
BEAM ANGLES LIGHT



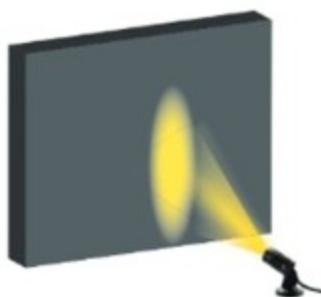
Beam Angle: 5°
Angle[X:Xz]: 01



Beam Angle: 20°
Angle[X:Xz]: 04



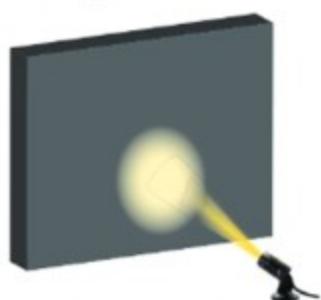
Beam Angle: 80°
Angle[X:Xz]: 08



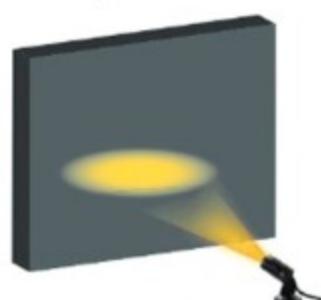
Beam Angle: 60°x15°
Angle[X:Xz]: 6B



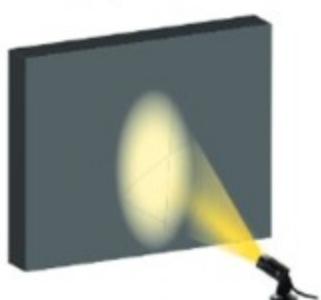
Beam Angle: 10°
Angle[X:Xz]: 02



Beam Angle: 40°
Angle[X:Xz]: 05



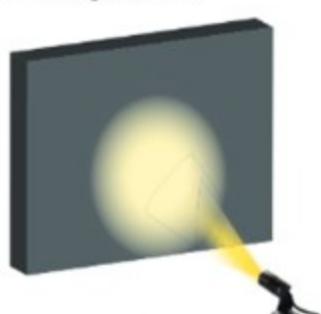
Beam Angle: 15°x60°
Angle[X:Xz]: B6



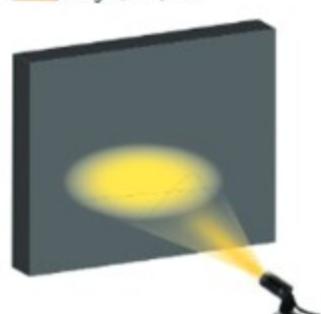
Beam Angle: 60°x30°
Angle[X:Xz]: 63



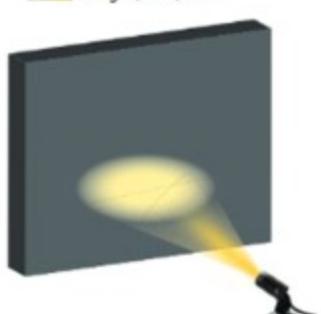
Beam Angle: 15°
Angle[X:Xz]: 03



Beam Angle: 60°
Angle[X:Xz]: 07

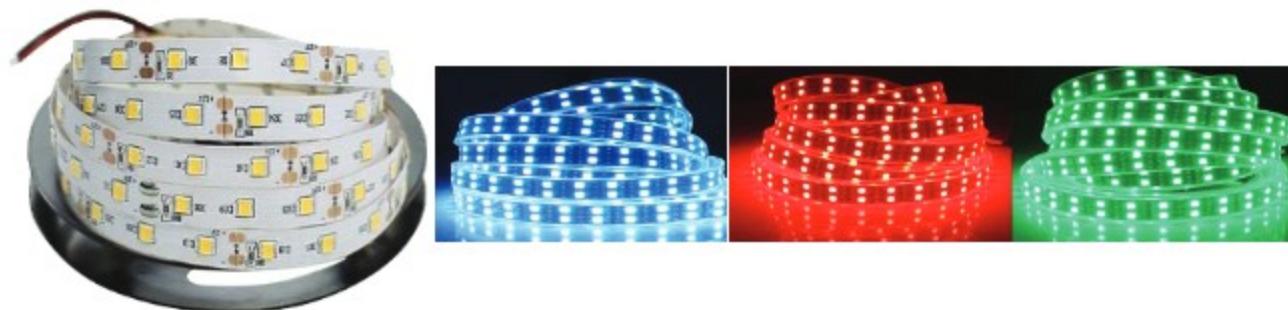
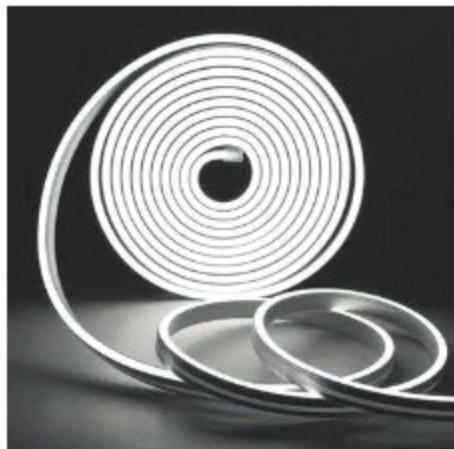


Beam Angle: 30°x60°
Angle[X:Xz]: 36



Beam Angle: 20°x40°
Angle[X:Xz]: 24

LED Strip & Neon Light



Features

Indoor

Color	: Warm, White, RGB.
Protection Grade	: IP20
Input	: 24V/12V (DC)
Cutting Length	: 50mm
Connector	: 24V/10m, 12V/5 m
Watt	: 15W/m
CRI	: ≥ 80, ≥ 90

Outdoor

Color	: Warm, White, RGB.
Protection Grade	: IP65 , IP66, IP 67
Tube	: Silicon Tube
Input	: 24V/12V (DC)
Cutting Length	: 50mm
Connector	: 24V/10m, 12V/5 m
Watt	: 15W/m
CRI	: ≥ 80, ≥ 90



Features

Available Wattages : 5W,7W ,10W,15W,20W.

Housing Material : Glass, Plastic,
Aluminium, Fabrics

Base : E-14-27, B-22.

LED TABLE LAMP



BDTCL-TL-01



BDTCL-TL-02



BDTCL-TL-03



BDTCL-TL-04



BDTCL-TL-05



BDTCL-TL-06



BDTCL-TL-07



BDTCL-TL-08



BDTCL-TL-09



BDTCL-TL-10



BDTCL-TL-11



BDTCL-TL-12

LED BULBS



BDTCL-BLB-01



BDTCL-BLB-02



BDTCL-BLB-03



BDTCL-BLB-04



BDTCL-BLB-05



BDTCL-BLB-06



BDTCL-BLB-07



BDTCL-BLB-08



BDTCL-BLB-09

Features

Available Wattages	: 1W, 3W, 5W, 7W, 9W, 13W, 15W, 18W, 20W, 40W
Working Voltage	: 85-265 VAC
Rated Life	: 30,000 Hrs / 50,000 Hrs
Power Factor	: >0.5 ~ >0.95
Color Temperature	: 3000K to 7000K
Efficacy	: 90LM/W to 120 LM/W
CRI	: ≥80
LED Chips	: Osram/Bridgelux /Sanan/Epistar.
LED Driver	: Meanwell / Philips/ Dome/ IEC Standard.
Lumen Maintenance	: 98% Upto 10,000 Hrs
Housing Material	: PC Cover Shell, PC/PBT Body, Aluminium Heat Sink
Cover	: Milk White
Base	: B22, E27

Made in Bangladesh



Features

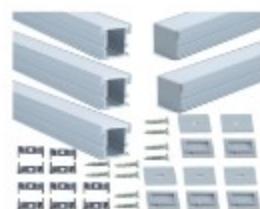
Material : Aluminium, MS,SS,

Powder Coating ,

Clear acrylic, Glass.

Bulb base type

: E-14-27, B-22.



ACCESSORIES





cosmoTM
Let there be light



www.cosmo.com.bd



[Cosmo Lighting](#)



info@cosmo.com.bd

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Display & Experience Center :

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Nazrul Islam Sarani, 3/1/G, Purana Paltan, Dhaka-1000