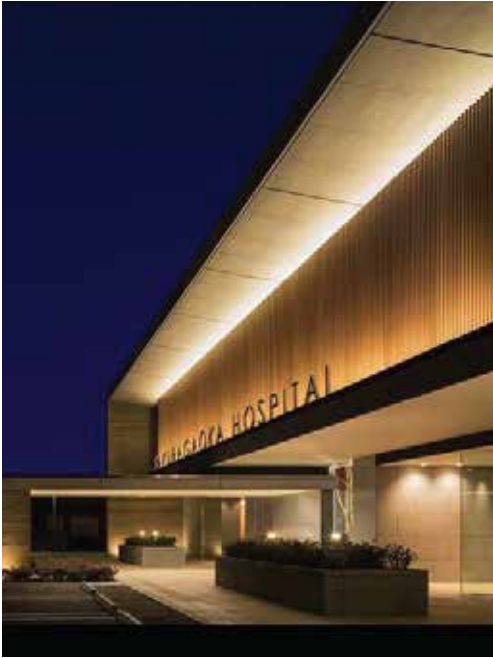


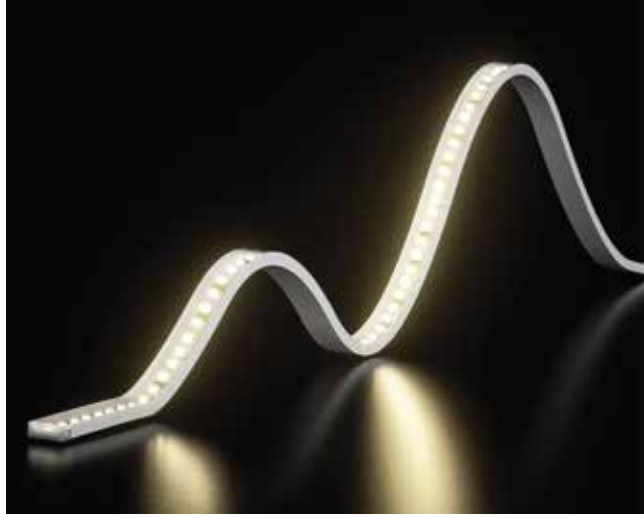


stellar 7

APPLICATIONS



OPEN SOURCE



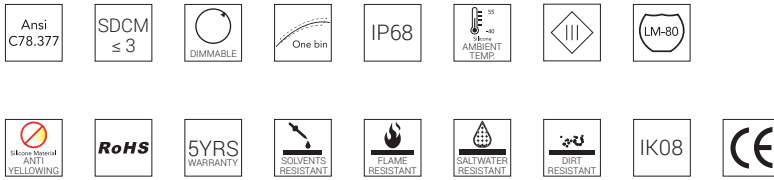
OPEN SOURCE

STELLAR 7

Flexible Design Multiple Applications

Introducing our high-quality, flexible LED silicone flex featuring unique co-extrusion technology. This innovative design combines exceptional flexibility with superior lighting performance, making it ideal for a wide variety of indoor and outdoor applications.

PRODUCT FEATURES



CUSTOMIZATION



Available to customize the colour temperature from 2200K to 6500K



Available to customize the cable. Standard length 0.6m (bare wire) 0.3m (with male/female connector)



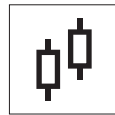
Available in CRI >90



Options for different injection mold connectors (direct, side, bottom entry)



Custom lengths of LED linear flex are available to suit your specific project requirements.



We can develop new cross sections and profiles tailored to your specific project needs.

Note : Fixture manufactured to desired length and Factory IP rated tested (Not field cuttable)

The Stellar silicone co-extrusion flex is an advanced lighting solution designed for durability and performance. Offering exceptional UV resistance, chemical stability and abrasion resistance, this flexible luminaire is ideal for both indoor and outdoor applications. With an IP68 rating, it is fully protected against dust and water ingress, ensuring reliable use in demanding environments. The flexible design allows for easy vertical bending, delivering a uniform light output along its entire length. Additionally the Stellar flex can be configured to the precise length needed with small cutting increments, allowing for seamless and flexible installation in various settings.

Product Description

- Ultra bright LED Silicone - Top Bend
- Anti-UV for outdoor use.
- Flexible vertical bending diameter of 50mm for easy of installation.
- Available in 120° beam angle.
- Even light distribution.
- CRI (Ra) : ≥ 90
- Constant voltage non integral power supply
- Low Voltage at 24V dc assures safety.



Product Benefits

- Flexibility combined with high durability.
- High luminous flux
- High colour consistency

Areas of Application

- Signboard
- Logo
- Accent Lighting
- Hospitality Industry
- Commercial & Business Centers
- Residential & Educational premises





BRIGADE SIGNATURE TOWERS, BENGALURU



Technical Specifications

General

ID	: 3365
System Wattage	: 10W/m
LED Count	: 120 LEDs/m
Cutting Unit	: 12 LEDs
Cutting Unit Length	: 100 mm
Minimum Bend Dia	: 50 mm
Driver Non-Integral	: Constant Voltage
Operating Voltage	: 24Vdc
Operating Temperature	: -40°C to 55°C

Light Source

Light Source	: SMD 2835
CRI (Ra)	: >90
LED Colour Temperature	: 2700K / 3000K (Other CCTs on request)
LED Life Time	: 70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C

Driver

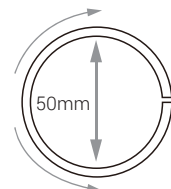
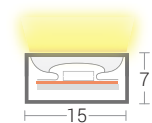
Power Supply	: Non - Integral
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Physical

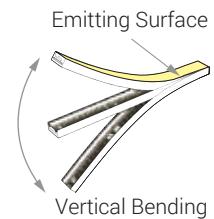
Body	: Silicone - Top Bend
Mounting	: Aluminium Channel, PC Clips

Optical Performance

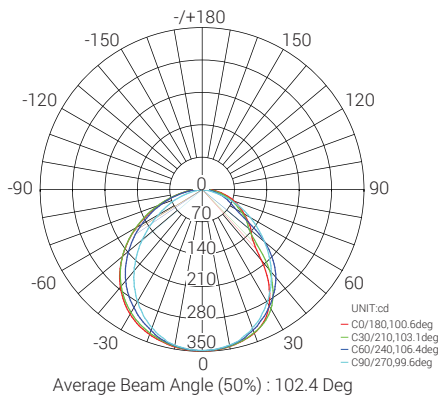
Beam Angle	: 120°
Max Run Length*	
Single Feed	: 10 m
Double Feed	: 20 m



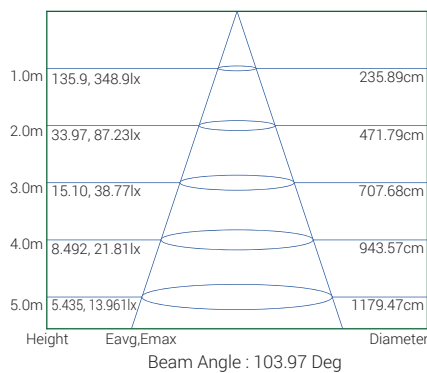
Min. Bending Diameter



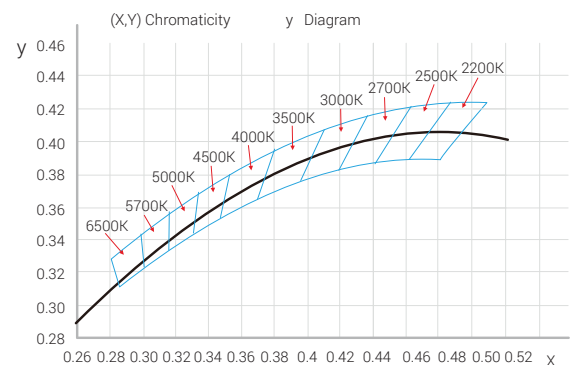
Illuminance Distribution



Cone Diagram

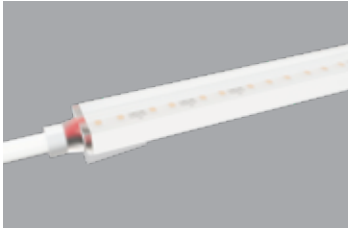


White Colour Chart



ACCESSORIES

Connector



Direct Entry Connector



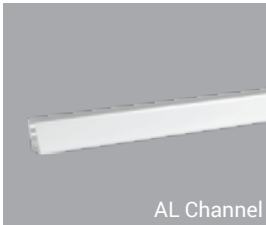
Bottom Entry Connector



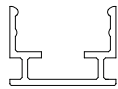
End Cap

MOUNTING ACCESSORIES

Stellar 7 - TV



AL Channel



CABLE CONNECTOR (MALE & FEMALE)

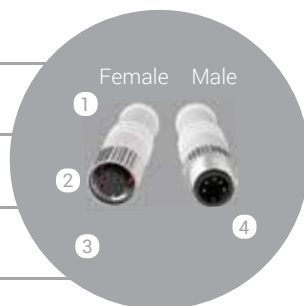


1. Double layer high viscosity TPU

2. 316 stainless steel material

3. Nylon material

4. Solid Copper Pin



Middle power connector

SCHEMATIC DRAWING - CONNECTION

FGⓍ(Green)
AC/L(Brown)
AC/N(Blue)

