LED STRIP LIGHT FIXTURE

CRISP 2

LED Strip Fixture

Field-Adjustable Wattage & CCT Light Fixture



The CRISP 2 LED Strip Light Fixture is a versatile, high-efficiency lighting solution designed for commercial and industrial indoor applications. Featuring adjustable wattage (20W/30W/40W) and selectable color temperature (3K/4K/5K), this fixture allows contractors to reduce SKU complexity while adapting lighting output to project requirements. Engineered with a durable iron housing and frosted PC lens, CRISP 2 delivers uniform light distribution with up to 145 lm/W efficiency. The fixture supports 0-10V dimming, optional sensor integration, and flexible installation options including surface mount and suspension mounting. This model is ideal for replacing traditional fluorescent strip fixtures with a modern, energy-efficient LED solution.

PRODUCT FEATURES

- Field-Selectable Wattage (Multi-Power Configuration)
- High efficiency: Up to 145 lm/W
- Selectable CCT: 3000K / 4000K / 5000K
- 0-10V dimming capability
- Available with sensor-ready configuration
- 4FT linkable design (up to 11 fixtures)
- Uniform light output with frosted PC lens
- Built-In 2kV Surge Protection
- Instant start – no flicker, no humming
- Energy-efficient replacement for fluorescent fixtures
- Durable iron housing with white finish
- Input voltage: 120–277V AC
- UL & DLC listed
- 5-year warranty

CONTROLS & ACCESSORIES

- 0-10V dimming control (standard)
- Daylight sensor / occupancy sensor compatibility
- Internal Wattage selector Switch
- Internal CCT Selector Switch

APPLICATIONS

- Offices
- Hallways and corridors
- Retail stores and supermarkets
- Storage areas
- Utility rooms
- Schools and institutions
- Light industrial environments

ELECTRICAL SPECIFICATIONS

- Input Voltage 120–277V AC
- Frequency 50/60 Hz
- Wattage 20W / 30W / 40W
- Max Lumens Up to ~5800 lm
- Efficacy Up to 145 lm/W
- CCT 3000K / 4000K / 5000K
- CRI >80
- Dimming 0-10V
- Power Factor ≥0.9
- THD ≤20%
- Flicker <5%
- Built-In 2kV Surge Protection

BEYOND™ LED TECHNOLOGY

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Due to continuous product improvement, information in this document is subject to change.

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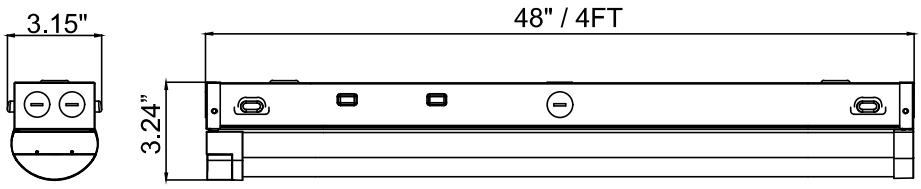
Why Contractors Choose CRISP 2
- 3-in-1 wattage + 3 CCT = fewer SKUs to stock
- Reliable fluorescent replacement with better efficiency
- Quick installation + linkable design reduces labor time
- Compatible with sensors and controls for energy savings
- Clean, uniform light output ideal for commercial spaces
- Standard 120–277V compatibility across projects
- Strong price-to-performance ratio for bulk jobs

CERTIFICATIONS & COMPLIANCE
- UL Listed
- DLC Qualified
- 5-Year Warranty

MECHANICAL SPECIFICATIONS
- Housing Material Iron
- Lens Frosted PC Lens
- Finish White
- Beam Angle 120°
- LED Type SMD2835
- LED Qty ~336 pcs
- IP Rating IP20 (Damp Location)
- Operating Temp -35°C to 45°C
- Storage Temp -20°C to 50°C



SKU	MODEL NUMBER	ADJ. WATT	MAX LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	NOMINAL LENGTH	LIGHT SPREAD	DIMMING	CONSTRUCTION	CERTIFICATIONS
157278	AST-LA05-40W 4FTBTA1-WH30/40/50	20W/30W/ 40W	5800	3K/4K/5K	120-277V	>80	4ft	120°	0-10V	Metal+PC	UL & DLC

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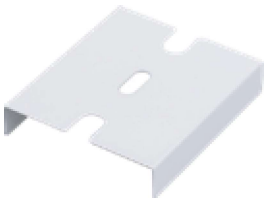
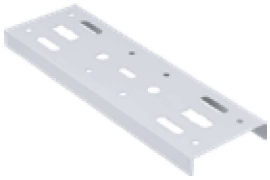
Optional Accessories



(Optional) Surface Mount Connector Bracket



(Optional) Hanging Mount Connector Bracket



(Optional) Hanging Mount Safety Cable
SKU: 152548



Included Accessories

Photometric Data

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.324 A
Power Factor: 0.998

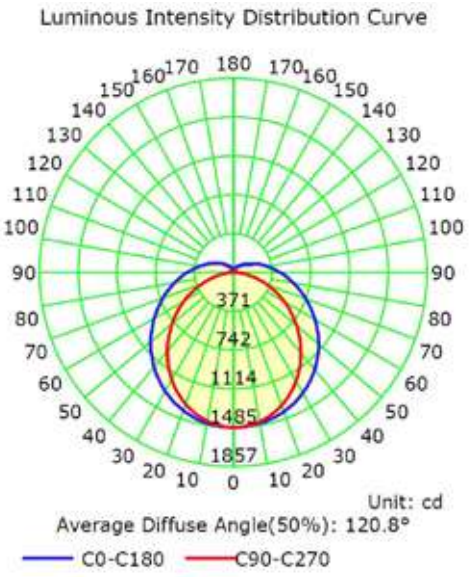
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 38.79 W

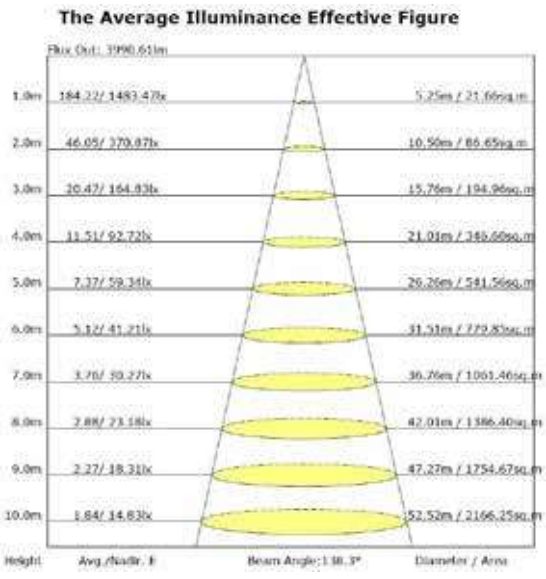
Photometric Results

IES Classification: Type II
Total Rated Lamp Lumens: 5560.0 lm
Efficiency: 100%
Upward Ratio: 12%
C0r0 Intensity: 1483.47 cd
Pos of Max. Intensity: H315 V1

Longitudinal Classification: Very Short
Measurement Flux: 5560 lm
Downward Ratio: 88%
Luminaire Efficacy Rating (LER): 143.39
Max. Intensity: 1485.82 cd

Beam Angle (C0/C180, C90/C270, C45/C225, C135/315): 138.3, 103.4, 118.2, 119.3





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Installation

IMPORTANT SAFETY INFORMATION
- Installation must be performed by a qualified licensed electrician
- Disconnect power before installation or servicing
- Verify supply voltage matches fixture rating
- Follow all applicable national and local electrical codes
- Do not install in wet or hazardous locations

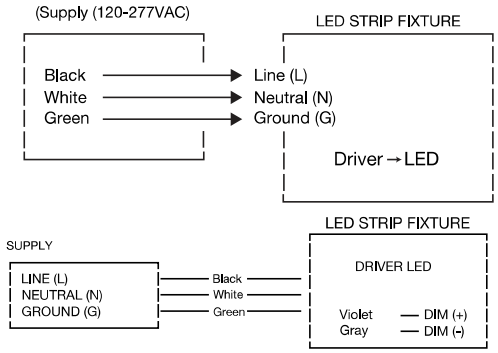
GENERAL INSTALLATION NOTES
- Suitable for indoor & damp-location use
- Verify mounting structure is properly secured
- Do not energize fixture until wiring is complete
- Inspect fixture for damage before installation
- Install aircraft safety cable independently of mounting chain

WIRING INSTRUCTIONS
Line Connections

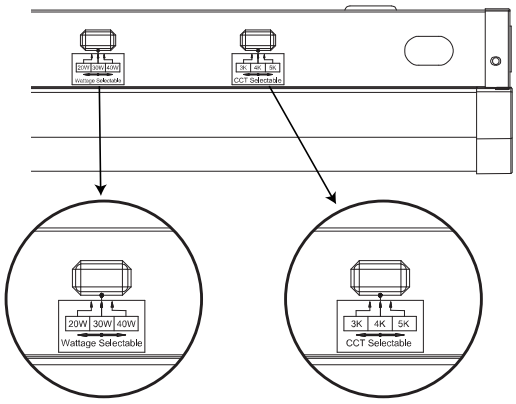
- LINE (L) - Black
- NEUTRAL (N) - White
- GROUND (G) - Green

0–10V Dimming Leads

- Violet – Dim (+)
- Grey – Dim (–)



WATTAGE & CCT ADJUSTMENT
- Set desired wattage using selector switch
- Select desired CCT before energizing fixture
- Confirm settings prior to power-up



MOUNTING BRACKET INSTALLATION
- Attach supplied chains to fixture mounting points
- Secure chains to mounting structure
- Install aircraft safety cable as secondary support
- Make electrical connections
- Install optional Shark sensor module if required
- Level fixture and tighten hardware securely

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Installation

FINAL CHECK
- Confirm all connections are secure
- Verify voltage
- Confirm wattage and CCT settings
- Energize circuit
- Verify proper operation

Packaging

SKU	Box Dimension	Qty	Net Weight	Gross Weight
157278	49.0″ x 7.0″ x 7.7″	4 PC/Box	17.1LBS	19.1LBS

Warranty
- 5 Years warranty

https://beyondledtechnology.com/pages/terms-and-conditions