



Architectural Linear Quadrant Arc Connector, 11-18 W Selectable, 3000/4000/5000 K, 120-277 V, Black

- Selectable 11-18 W output and 3000 K, 4000 K or 5000 K CCT
- 115 lm/W efficacy with CRI above 80 and SDCM under 5
- 120-277 VAC input with power factor above 0.9 and Class II insulation
- 0-10 V dimming with auto-resume overload protection
- Aluminum frame and PC diffuser in black finish, 428×428×75 mm
- IP20 indoor rating with -20 to 55 degrees C operating range

OVERVIEW

Quadrant arc connection module for architectural linear lighting systems, used to form curved runs and closed geometries from straight linear sections. The 428 × 428 × 75 mm aluminum frame with PC diffuser suits meeting rooms, offices and commercial interiors where a continuous minimalist ceiling line is specified.

Wattage and color temperature are field selectable across 11-18 W and 3000 K, 4000 K or 5000 K, with efficacy of 115 lm/W, CRI above 80, SDCM under 5 and a 110-degree beam angle. Electrical input accepts 120-277 VAC with a power factor above 0.9 and 0-10 V dimming. Rated IP20 for indoor use, with a -20 to 55 degrees C working range and 10-90 percent RH tolerance.

Rated L80B20 lifespan is 50,000 hours, backed by a 5-year warranty.

SPECIFICATIONS

OPTICAL

Efficacy	115 lm/W
Color Temperature	3,000K / 4,000K / 5,000K
Selectable CCT	Yes
CRI	80
Beam Angle	110°
LED Chip Type	2835
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	428×428×75mm
Finish	Black
Material	Aluminum

ELECTRICAL

Operating Voltage	120-277 V
Wattage	18 W
Power Factor	0.9
Dimmer Type	0 - 10V
Power Supply Output	DC: 30-48V

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non - Waterproof
Ambient Operating Temperature	-20 °C -4 °F
Operating Humidity	10% -90% RH

ORDERING

Warranty

5 y

APPLICATIONS

- Open - plan office ceilings
- Conference and meeting rooms
- Retail and commercial lobbies
- Corridor and circulation spaces
- Institutional interior ceilings

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	115 lm/W	pdf	high
cct_k	3,000K / 4,000K / 5,000K	both	high
cct_selectable	Yes	db	high
cri	80	db	high
beam_angle_deg	110°	pdf	high
led_chip_type	2835	db	high
led_lifetime_h	50,000 h	pdf	high
color	White	db	high
operating_voltage	120-277 V	pdf	high
wattage	18 W	pdf	high
power_factor	0.9	db	high
dimmer_type	0 - 10V	db	high
ps_output	DC: 30-48V	db	high
product_dimensions	428×428×75mm	pdf	high
finish	Black	db	high
material	Aluminum	db	high
ip_rating	IP20	pdf	high
environmental_rating	Non - Waterproof	db	high
ambient_temp_c	-20 °C	db	high
operating_humidity	10% - 90% RH	pdf	high
warranty_years	5 y	db	high

Specifications subject to change without notice.