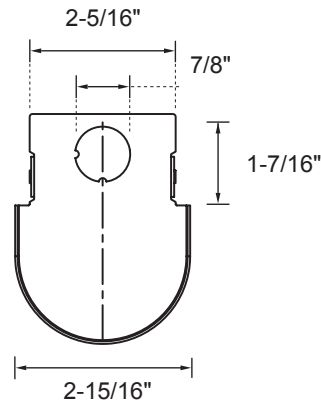# ALCON LIGHTING

SHOP NOW ›

FIXTURE SPECIFICATIONS

INTENDED USE

The **Chela II Architectural LED Pendant Mount Direct Light Strip** features a compact design with efficient lighting that provides crisper brightness and more energy savings. The Chela II is ideal for indoor applications in industrial, commercial, institutional, or architectural installations.

FEATURES

Construction: Die-formed steel channel with knock-outs for versatile configuration and easy mounting
Corrosion Resistant

Finish: High-gloss baked white enamel

Lens: Frosted Acrylic Diffuser

Electrical: Meets Class 1 or Class 2 Circuit

Voltage: 120-277 (50/60 Hz)

Dimming: 0-10V 1~100%

CRI: 83+

Efficiency: 126 lm/W

Power Factor: +0.95

THD: <20

Operating Temperature: -20°C (-4°F) - 50°C (122°F)

Life: 50,000 Hours (L80)

Warranty: 5 Years

**Listings:** UL/cUL Listed and Labeled
DLC Listed
Suitable for Damp Locations

SPEC GRADE | DIMMABLE | DLC QPL LISTED | c UL LISTED | LIMITED 5-YEAR WARRANTY

2-5/16"
7/8"
1-7/16"
2-15/16"

ORDERING INFORMATION   Example: (12184-2-D218-40K-AC48-EM5)

Single Run

2', 4' or 8'

Cont. Run

Specify Run Length in Feet

Model		Wattage | Lumen	Color Temp		Mounting		Options	
12184		**2 Foot**	**30K**	3000K	**AC48**	48" Adjustable Standard Aircraft Cable	**EM5**	5W Emergency Ballast
		D218	**35K**	3500K			**EM8**	8W Emergency Ballast
		18 Watts | 1944 Lumens	**40K**	4000K	**AC96**	96" Adjustable Aircraft Cable	**EM16**	16W Emergency Ballast
		D236	**50K**	5000K			**DD**	Integrated Daylight
		36 Watts | 3888 Lumens	**TUN**	Tunable White 2700K-5000K	**ST24**	24" Stem Mount Kit		Dimming Photosensor
		4 Foot					**OS**	Integrated Occupancy
		D427			**ST48**	48" Stem Mount Kit		Sensor
		27 Watts | 2916 Lumens						
		D436						
		36 Watts | 3888 Lumens						
		D454						
		54 Watts | 5832 Lumens						
		8 Foot						
		D854						
		56 Watts | 5832 Lumens						
		D872						
		72 Watts | 7776 Lumens						
		D8108						
		108 Watts | 11664 Lumens						

DIMENSIONS

END VIEW

2-5/16"

7/8"

1-7/16"

2-15/16"
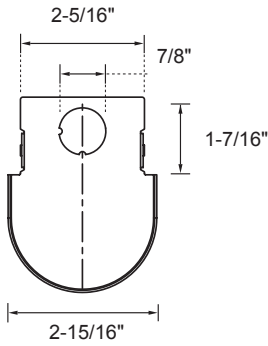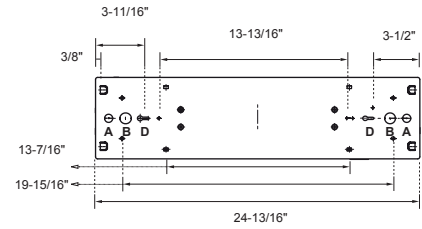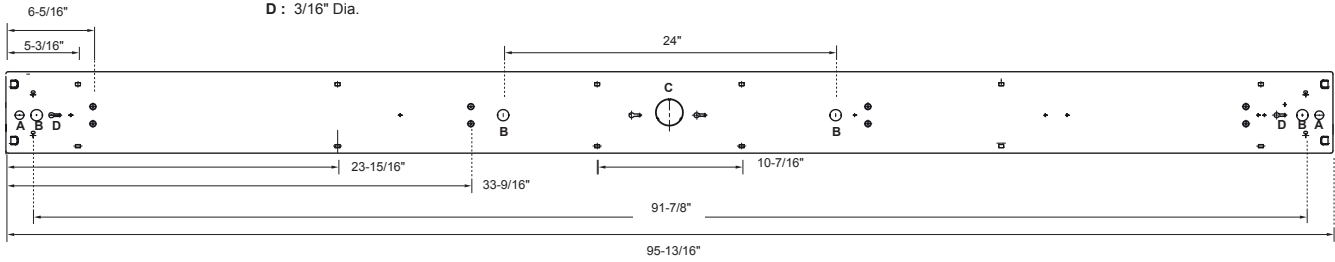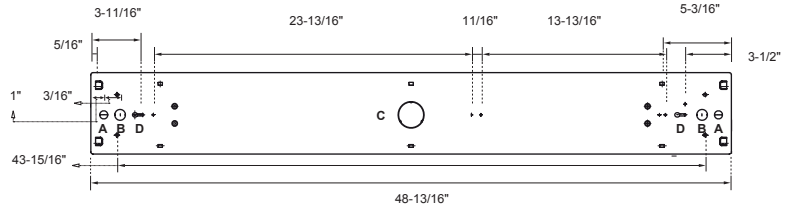
Specifications: 12184-2
Weight: 4.7 lbs (2.13 kg)

Specifications: 12184-4
Weight: 6.9 lbs (3.13 kg)

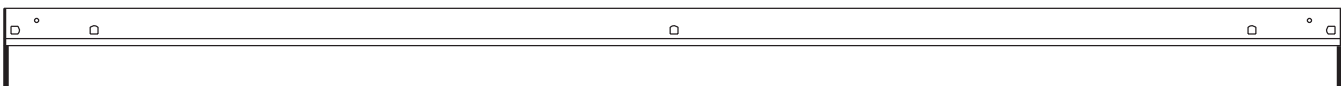Specifications: 12184-8
Weight: 10.43 lbs (4.73 kg)

TOP VIEW

3-11/16"

13-13/16"

3-1/2"

3/8"

13-7/16"

19-15/16"

24-13/16"

9/16"

3/16" Dia.

3/16"

Surface
Mount
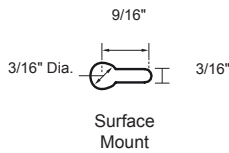
A : 11/16" Dia.
B : 7/8" Dia.
C : 2" Dia.
D : 3/16" Dia.

3-11/16"

23-13/16"

11/16"

13-13/16"

5-3/16"

5/16"

3-1/2"

1"

3/16"

C

D B A

A B D

43-15/16"

48-13/16"

6-5/16"

5-3/16"

24"

C

B

B

23-15/16"

10-7/16"

33-9/16"

91-7/8"

95-13/16"

SIDE VIEW
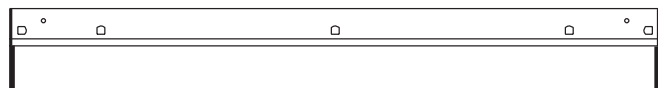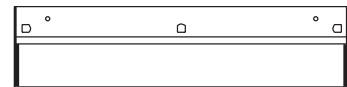
CONTROLS

Smart Sensors	Protocol	Compatible Networks	Occupancy	Daylight	Temperature Reporting	Communication to Luminaire
enlighted	Enlighted RF	Enlighted RF	Integrated	Integrated	Yes	Wireless
LUTRON	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	Enabled	No	Wired
VIVE	Lutron Clear Connect®	Lutron Vive System Network	Enabled	Enabled	No	Wireless
PHILIPS	ZigBee HA	Philips	Enabled	Enabled	No	Wired

LUTRON

Controls Installed on the Fixture
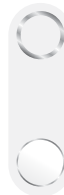
FCJS-010
Individual Fixture Control

FCJS-ECO
Individual Fixture Control

Fixture Will be Shipped LUTRON VIVE Enabled with LUTRON FCJS-010 0-10V Control Module Installed on the Fixture. Fixtures will be compatible with Lutron FC-SENSOR Occupancy/Daylight Sensor or FC-VSENSOR Vacancy/Daylight Sensor which can be Added in the Field for Remote Mounting. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a 0-10V. Driver.

Fixture Will be Shipped LUTRON VIVE Enabled with LUTRON FCJS-ECO EcoSystem Control Module Control Module Installed on the Fixture. Fixtures will be compatible with Lutron FC-SENSOR Occupancy/Daylight Sensor or FC-VSENSOR Vacancy/Daylight Sensor which can be Added in the Field for Remote Mounting. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a Lutron Driver.
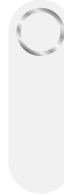
DFCSJ-OEM-OCC

Fixture Will be Shipped LUTRON VIVE Enabled with DFCSJ-OEM-OCC* Vive Integral Fixture Control (with Sensing) Installed on the Fixture. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a DMX or Lutron EcoSystem Driver

DFCSJ-OEM-RF

Fixture Will be Shipped LUTRON VIVE Enabled with LUTRON DFCSJ-OEM-RF* Vive Integral Fixture Control (RF Only) Installed on the Fixture. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a DMX or Lutron EcoSystem Driver.

Controls Provided by Lutron

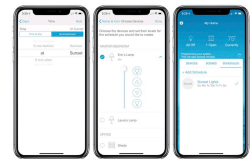Vive Wireless Hub | DayLight Sensor | Ceiling Mount Occupancy/Daylight Sensor | Ceiling Mount Occupancy Sensor | Pico Remote | Wall Mount Switch | Wall Mount Occupancy Sensor | Lutron App

CONTROLS

Fixture will be shipped with Leviton ZL027-N0W power control module installed on the fixture. Fixtures will be compatible with Leviton ZL00J-D0W sensor control module which can be added in the field for remote mounting. Fixture must be controlled with Leviton Intellect Keypad Room Controller, or Leviton Neuron App.

ZL027-N0W
Power control module

ZL00J-D0W
Sensor control module

Leviton Keypad

ZLDNK-1W   **ZLDNK-2W**

ZLDNK-4W   **ZLDNK-8W**

Intellect™ Keypad Room
Controller (Required)

Leviton App

Neuron App

Philips EasySense sensors provide luminaire-level control with Occupancy sensing, Daylight harvesting, and Field task tuning.

**Controls Installed
on the Fixture**

Controls Provided by Philips

ZBT-S1AWH   **ZBT-S2AWH**

Illumra Wireless Switches

PHILIPS-XSR + SNS200
Fixture will be Shipped with EasySense SNS200 Sensor installed and PHILIPS-XSR driver. Fixture May Only be Controlled with Philips Field App or Wireless Switches.

SRB + SNS200
Fixture Will be Shipped with EasySense SNS200 Sensor installed and PHILIPS SRB Bridge. Fixture May Only be Controlled with Philips Field App or Wireless Switches or any 0-10V. Wall Box Dimmer.

PHILIPS-XSR + SNS200-CMP
Fixture will be Shipped Sensor Ready with PHILIPS-XSR driver and EasySense SNS200-CMP Sensor which is Included to be Remote Mounted. Fixture May Only be Controlled with Philips Field App or Wireless Switches

SRB + SNS200-CMP
Fixture Will be Shipped Sensor Ready with PHILIPS SRB Bridge and EasySense SNS200-CMP Sensor which is Included to be Remote Mounted. Fixture May Only be Controlled with Philips Field App or Wireless Switches or any 0-10V. Wall Box Dimmer.

SRB
Fixture will be Shipped Sensor Ready with SRB Bridge . Fixture will be Compatible with EasySense Sensor SNS200-CMP which can be Added in the Field for Remote Mounting. Fixture May Only be Controlled with Philips Field App or Wireless Switches or any 0-10V. Wall Box Dimmer.

Philips Field App

ALCON LIGHTING

COMPATIBLE DIMMERS

MFG	Triac	ELV	0-10
LUTRON	TG-600P LG-600P TGCL-153P DV-600P DVCL-153P S-603PG CT-103P S-600P	DVELV-303P SELV-300P MAELV-600 FAELV-500	NTSTV NFTV DVSTV
LEVITON	6161 6633-P 6683 6631-2 IPI06-1LZ	IPE04 VPE06-1LZ	IP710-DLZ

COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	**SOFT WHITE** GLOW	**NEUTRAL** GLOW	**DAYLIGHT** GLOW	**CRYSTAL WHITE** GLOW
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS

ALCON LIGHTING

PHOTOMETRICS

12184-2-D218-30K
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	286 FC	2.8 FT	3.4 FT
3.3FT	75.9 FC	5.4 FT	6.5 FT
5.0FT	33.1 FC	8.1 FT	9.9 FT
6.7FT	18.4 FC	10.9 FT	13.3 FT
8.3FT	12.0 FC	13.5 FT	16.4 FT
10.0FT	8.27 FC	16.3 FT	19.8 FT

- Vert. Spread: 78.2°
- Horiz. Spread: 89.5°

12184-2-D236-30K
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	557 FC	4.5 FT	5.9 FT
3.3FT	148 FC	8.7 FT	11.4 FT
5.0FT	64.3 FC	13.2 FT	17.3 FT
6.7FT	35.8 FC	17.6 FT	23.1 FT
8.3FT	23.3 FC	21.8 FT	28.7 FT
10.0FT	16.1 FC	26.3 FT	34.5 FT

- Vert. Spread: 105.5°
- Horiz. Spread: 119.9°

12184-4-D427-30K
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	436 FC	4.5 FT	5.9 FT
3.3FT	116 FC	8.7 FT	11.4 FT
5.0FT	50.4 FC	13.2 FT	17.3 FT
6.7FT	28.1 FC	17.6 FT	23.1 FT
8.3FT	18.3 FC	21.8 FT	28.7 FT
10.0FT	12.6 FC	26.3 FT	34.5 FT

- Vert. Spread: 105.5°
- Horiz. Spread: 119.9°

12184-4-D454-30K
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	846 FC	4.5 FT	5.9 FT
3.3FT	224 FC	8.7 FT	11.4 FT
5.0FT	97.8 FC	13.2 FT	17.3 FT
6.7FT	54.4 FC	17.6 FT	23.1 FT
8.3FT	35.5 FC	21.8 FT	28.7 FT
10.0FT	24.4 FC	26.3 FT	34.5 FT

- Vert. Spread: 105.5°
- Horiz. Spread: 119.9°

12184-8-D872-30K
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	1,205 FC	4.5 FT	5.9 FT
3.3FT	320 FC	8.7 FT	11.4 FT
5.0FT	139 FC	13.2 FT	17.3 FT
6.7FT	77.6 FC	17.6 FT	23.1 FT
8.3FT	50.5 FC	21.8 FT	28.7 FT
10.0FT	34.8 FC	26.3 FT	34.5 FT

- Vert. Spread: 105.5°
- Horiz. Spread: 119.9°

12184-8-D8108-30K
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	1,645 FC	2.8 FT	3.4 FT
3.3FT	437 FC	5.4 FT	6.5 FT
5.0FT	190 FC	8.1 FT	9.9 FT
6.7FT	160 FC	10.9 FT	13.3 FT
8.3FT	69.0 FC	13.5 FT	16.4 FT
10.0FT	47.5 FC	16.3 FT	19.8 FT

- Vert. Spread: 78.2°
- Horiz. Spread: 89.5°