ALCON LIGHTING

SPECIFICATION SHEET

Shop Now

Project Name: _____ Type: _____ Quantity: _____

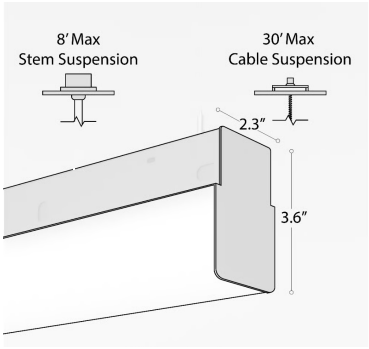
INTENDED USE

The commercial-grade block of light, mounted by pendant, adorns a space with a strip or block of suspended, clear light to commercial, hospitality and residential interiors. This simple, modern linear chandelier provides downlighting for today's office, classroom, conference room, museum, retail outlet, hotel and restaurant. Built in cold-rolled, welded and die-formed 22-gauge steel with a glare-free, snap-in frosted acrylic lens, our damp location-rated product features 120 to 277 voltage with a standard 80+ Color Rendering Index (90+ is optional). The light includes a dieformed steel channel with knockouts for easy mounting and versatile configuration.



AVAILABLE LENGTHS

2F | W 2.75" x L 24" x H 3.625"
4F | W 2.75" x L 48" x H 3.625"
8F | W 2.75" x L 96" x H 3.625"
Custom Length | Consult Factory



FEATURES

Construction: Die-formed and welded 22-gauge cold rolled steel
Lens: Glare-free snap-in frosted acrylic for even distribution
Voltage: 120-277V
CRI: 80+ is standard (90+ is optional)
Dimming: 0-10V
Life: 50,000 Hours
Warranty: 5 Years carefree for parts & components (Labor not included)
Listings: cETLus Listed, UL/cUL Listed, DLC Listed, Suitable for damp locations

Size	Wattage	Lumens
2F	18W	2433 lm
2F	27W	3941 lm
2F	36W	4944 lm
4F	27W	3772 lm
4F	36W	5005 lm
4F	54W	7316 lm
4F	72W	10006 lm
8F	27W	4019 lm
8F	36W	5286 lm
8F	54W	7771 lm
8F	72W	10390 lm
8F	108W	14030 lm
8F	144W	18704 lm

ORDERING INFORMATION Example: 12171-P-CR4-2F18W-WH-27K-80-D10-AC48-HD-WH-EMB8

Model: 12171

Mount:
- **P** Pendant
- **S** Surface

Shape:
- **Blank** Single
- **CR** Continuous Run

Single Run / Cont. Run:
- **2F, 4F, 8F** 2', 4' or 8'
- Specify Run Length in Feet

Wattage:
- **18W** 18 Watts[1]
- **27W** 27 Watts
- **36W** 36 Watts
- **54W** 54 Watts[2]
- **72W** 72 Watts[2]
- **108W** 108 Watts[3]
- **144W** 144 Watts[3]

Finish:
- **WH** White
- **SL** Silver
- **BK** Black
- **RAL#** Specify RAL # (Pg. 3)

Color Temp:
- **27K**[4] 2700K
- **30K** 3000K
- **35K** 3500K
- **40K** 4000K
- **50K** 5000K
- **TW2750**[5] Tunable White 2700K-5000K
- **TW2065**[5] Tunable White 2000K-6500K

CRI:
- **80**[Std] 80+CRI
- **90** 90+ CRI

Driver:
- **D10**[Std] 0-10V 1%
- **TR** Triac (120V)
- **ELV** Electronic Low Voltage
- **050** Tunable White 0-10V

Pendant Mounting:
- **(Blank)** None Required
- **AC48** 48" Adjustable Aircraft Cable
- **AC96** 96" Adjustable Aircraft Cable
- **ST24N** 24" Stem Mount Kit
- **ST48N** 48" Stem Mount Kit

Pendant Ceiling Type:
- **(Blank)** None Required
- **T** T-Bar Ceiling
- **HD** Hard Ceiling
- **SHD** Sloped Hard Ceiling

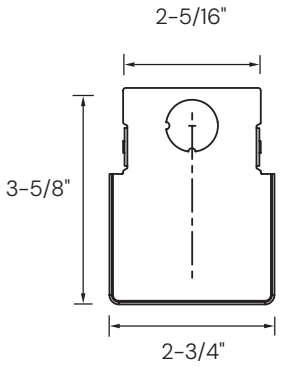
Pendant Cord/Stem Color:
- **(Blank)** None Required
- **WH** White
- **BK** Black

Options:
- **EMB8** 8W Emergency Backup Battery
- **EMB15** 15W Emergency Backup Battery
- **DSP** Integrated Daylight Dimming Photosensor
- **OS** Integrated Occupancy Sensor

1 Only for 2FT Length
2 Not available for 2FT Length
3 Not available for 2FT or 4FT Length
4 Must be paired with **90+ CRI**
5 Must be paired with **050** Driver

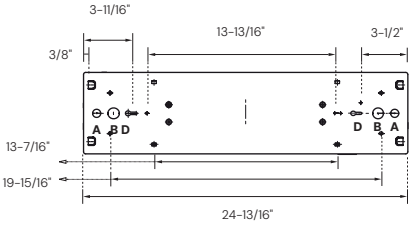
DIMENSIONS

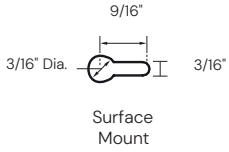
END VIEW

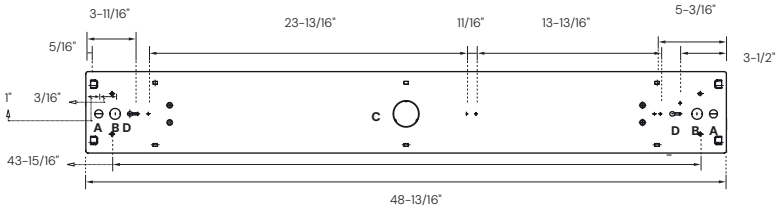


Specifications	Weight
12171-2	4.7 lbs (2.13 kg)
12171-4	6.9 lbs (3.13 kg)
12171-8	10.43 lbs (4.73 kg)

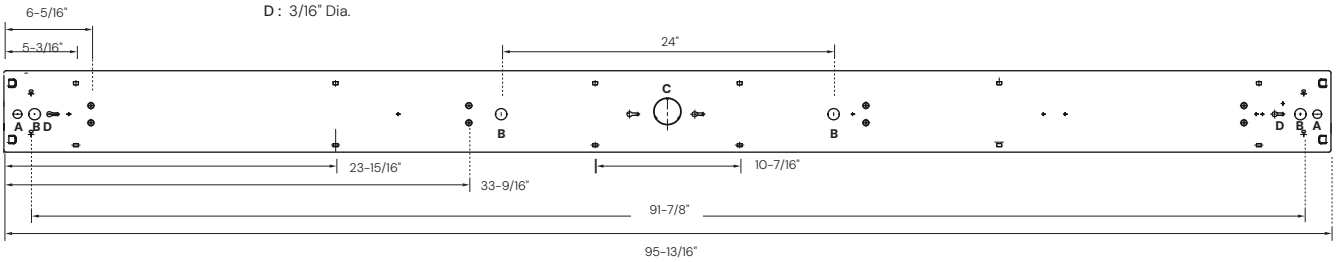
TOP VIEW



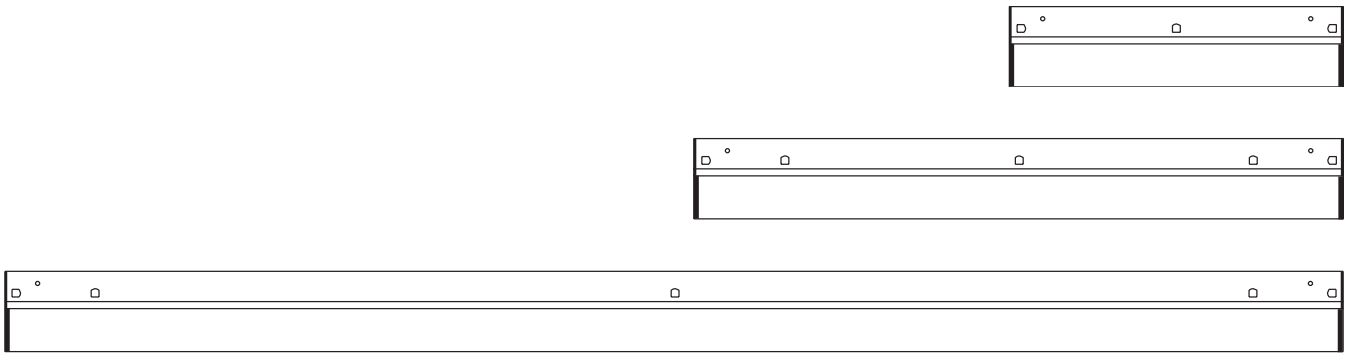




A : 11/16" Dia.
B : 7/8" Dia.
C : 2" Dia.
D : 3/16" Dia.



SIDE VIEW



AVAILABLE FINISHES

Standard

Semi Glossy White	RAL #9003

Set up fee and longer lead time will be applied on non-standard finishes.

Metropolitan

Black	RAL #9011
Silver	RAL #9022
Urban Native	RAL #8025
Military Green	RAL #6011
Carmin	RAL #8028
Chocolate Spice	RAL #8017
Asher Grey	RAL #7004
Tech Grey	RAL #7016
Slate	RAL #7031
Mason	RAL #7039

Vibrant

Violet Dreams	RAL #4006
Sangria Sunset	RAL #2004
Deep Pink	RAL #4010
Ruby Red	RAL #3027
Island Skye	RAL #6027
Sophia	RAL #5015
Antique Spring	RAL #6019
Daisy	RAL #1018
Gun Metal	RAL #7024

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

CONTROLS

LUTRON

Controls Installed on the Fixture



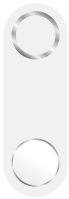
FCJS-010
Individual Fixture Control

The fixture will be shipped with a Lutron FCJS-010 0-10V Control Module installed, enabling it for Lutron VIVE systems. These fixtures are compatible with Lutron FC-SENSOR Occupancy/ Daylight Sensors or FC-VSENSOR Vacancy/Daylight Sensors, which can be added later for remote mounting. The fixture can be controlled by any VIVE control system, but it must be ordered with a 0-10V driver.

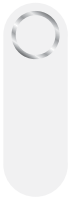


FCJS-ECO
Individual Fixture Control

The fixture will be shipped with a Lutron FCJS-ECO EcoSystem Control Module installed, enabling it for Lutron VIVE systems. These fixtures are compatible with Lutron FC-SENSOR Occupancy/ Daylight Sensors or FC-VSENSOR Vacancy/Daylight Sensors, which can be added later for remote mounting. The fixture can be controlled by any VIVE control system, but it must be ordered with a Lutron driver.



DFCSJ-OEM-OCC
The fixture will be shipped with a DFCSJ-OEM-OCC Vive Integral Fixture Control (with sensing) already installed. This allows it to be controlled by any Vive control system. To function correctly, the fixture must be ordered with either a DMX or Lutron EcoSystem driver.



DFCSJ-OEM-RF
The fixture will be shipped with a Lutron DFCSJ-OEM-RF Vive Integral Fixture Control (RF Only) already installed, making it compatible with any Vive control systems. To function properly, the fixtures must be ordered with either a DMX or Lutron EcoSystem driver.

Controls Provided by Lutron



Vive Wireless Hub



DayLight Sensor



Ceiling Mount Occupancy/ Daylight Sensor



Ceiling Mount Occupancy Sensor



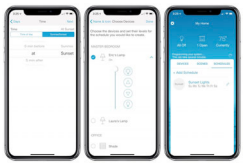
Pico Remote



Wall Mount Switch



Wall Mount Occupancy Sensor



Lutron App

LEVITON

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



ZL027-N0W
Power control module



ZL00J-D0W
Sensor control module

Leviton Keypad



ZLDNK-1W



ZLDNK-2W



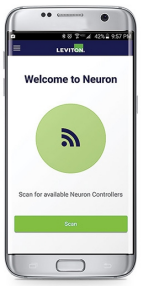
ZLDNK-4W



ZLDNK-8W

Intellect™ Keypad Room Controller (Required)

Leviton App



Neuron App

CONTROLS

PHILIPS EasySense

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

Controls Installed on the Fixture




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.

Controls Provided by Philips




ZBT-S1AWH **ZBT-S2AWH**

Illumra Wireless Switches



PHILIPS-XSR + SNS200-CMP

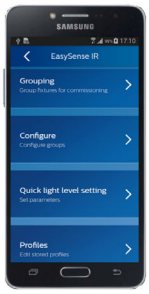
Fixture will be Shipped Sensor Ready with PHILIPS-XSR driver and EasySense SNS200-CMP Sensor which is Included to be Remote Mounted. Fixture May Only be Controlled with Philips Field App or Wireless Switches

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

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

PHOTOMETRICS

12171-2-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°

12171-2-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°

12171-4-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°

12171-4-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°

12171-8-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°

12171-8-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°

COLOR TEMPERATURE GUIDE

