ALCON LIGHTING

SHOP NOW ›

Project Name: _____ Type: _____ Quantity: _____

FIXTURE SPECIFICATIONS

INTENDED USE

The specification grade **Continuum 40 Architectural Linear LED Suspension Lighting** delivers continuous clean lines and clear light to commercial, hospitality and residential interior lighting applications. Our modern, slim profiles and stylish designs offer excellent illumination, exceptional performance and versatility in offices, classrooms, conference rooms, museums, retail outlets, hotels, restaurants, and more.

PRODUCT FAMILY

12100-40-P-U U Shape
12100-40-P-T T Shape

AVAILABLE LENGTHS

2FT, 3FT, 4FT, 6FT & 8FT
Continuous Run | Consult Factory
Custom Length | Consult Factory

FEATURES

Construction: Die-Formed and welded 22-gauge cold rolled steel, painted finish with premium paint
Continuous Run: Full ability to tandem mount for continuous run application
Indirect Mounting: For Most Effective Indirect Lighting Result, Mount at No Less Than 18" from the Ceiling
Custom Design: Offered with Pre-Fabricated and Fully Illuminated Corners
Lens: Glare Free Snap In Frosted Acrylic for Even Distribution
Voltage: 50/60 Hz Constant Current 0-10V @ 120-277V, TRIAC & ELV @ 120V
Dimming: 0-10V, TRIAC (Forward-Phase), ELV (Reverse-Phase)
Controls: Lutron Vive, Lutron Ecosystem, Philips EasySense, Siemens Enlightend
CRI: 80+ & 90+
Life: +60,000 Reported L70 Hours @ 55℃
Operating Temperature: 4°F (-20°C) ~ 122°F (50°C).
Warranty: 5 Years Carefree for Parts & Components (Labor Not Included)
Listings: UL / CUL listed, DLC listed, ADA compliant,

SPEC GRADE · DIMMABLE · DLC QPL LISTED · c UL LISTED · UL · LIMITED 5-YEAR WARRANTY · ASSEMBLED IN THE USA · TUNABLE WHITE · VIVE by LUTRON

ORDERING INFORMATION   Example: (12100-40-P-D18-L-26+26-27K-010-WH-A)

L Shape

Model	Mounting	LED Downlight	LED Uplight[1]	Shape	X[1] + Y[2] Length in Inches	Color Temp	Dimming	Finish	Pendant Mounting	CRI	Options	Optional Controls
12100-40 4" x 4"	**P** Pendant	Per 4 Foot Sections **D18** 18 Watts | 2661 Lumens	Per 4 Foot Sections **Blank** No Uplight	**L** L Shape		Residential **27K** 2700K	**010** 0-10V 5-Wire	**WH** Pendant White (Matte) RAL# 9003	**(Blank)** None Required	**8** Standard 80+ CRI	**Blank** No Options	**Blank** No Controls
	S Surface	**D27** 27 Watts | 3302 Lumens	**U18** 18 Watts | 2661 Lumens			**30K** 3000K	**TRI** TRIAC Forward Phase 2-Wire	**BK** Black (Matte) RAL# 9011	**AC4** 4' Adjustable Aircraft Cable	**9** 90+ CRI	**EM5** 5W Emergency Ballast	**LV** Lutron VIVE™ Wireless
		D36 36 Watts | 4560 Lumens	**U27** 27 Watts | 3302 Lumens			Commercial **35K** 3500K	**ELV** Electronic Low Voltage Reverse Phase 3-Wire	**SL** Silver (Matte) RAL# 9022	**AC8** 8' Adjustable Aircraft Cable		**EM8** 8W Emergency Ballast	**LE** Lutron Ecosystem™
		D48 48 Watts | 5486 Lumens				**40K** 4000K	**DL** DALI	**XXXX** Specify XXXX: Use RAL # found on Page 2	**ACX** Specify X in Feet (Max 30')		**EM16** 16W Emergency Ballast	**PH** Philips EasySense™
		D54 54 Watts | 6459 Lumens				Industrial **50K** 5000K			**ST2** 2' Stem		**OS** Occupancy Sensor w/ Daylight Harvesting	**EN** Siemens Enlightened™
						Tunable White **TW** Tunable White 2700-5000K			**ST4** 4' Stem		**DS** Daylight Dimming Photo Sensor	
									STX Specify X in Feet (Max 8')		**AB** Separate Dimming Control of Uplight and Downlight	

[1] Length Minimum 26"
[2] Length Minimum 26"

Available Finishes

Standard

	01	White	RAL #9003
	02	Black	RAL #9011
	03	Silver	RAL #9022
	04	Crystal White	RAL #9010
	05	Natural Aluminum	RAL #7035
	06	Hampden	RAL #9001
	07	London	RAL #7044

Metropolitan

	08	Urban Native	RAL #8025
	09	Military Green	RAL #6011
	10	Carmin	RAL #8028
	11	Chocolate Spice	RAL #8017
	12	Asher Grey	RAL #7004
	13	Tech Grey	RAL #7016
	14	Slate	RAL #7031
	15	Mason	RAL #7039

Vibrant

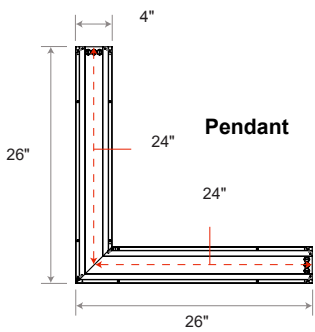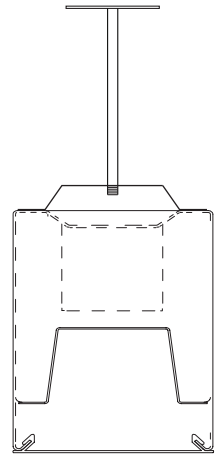|			
	16	Violet Dreams	RAL #4006
	17	Sangria Sunset	RAL #2004
	18	Deep Pink	RAL #4010
	19	Ruby Red	RAL #3027
	20	Island Skye	RAL #6027
	21	Sophia	RAL #5015
	22	Antique Spring	RAL #6019
	23	Daisy	RAL #1018
	24	Gun Metal	RAL #7024
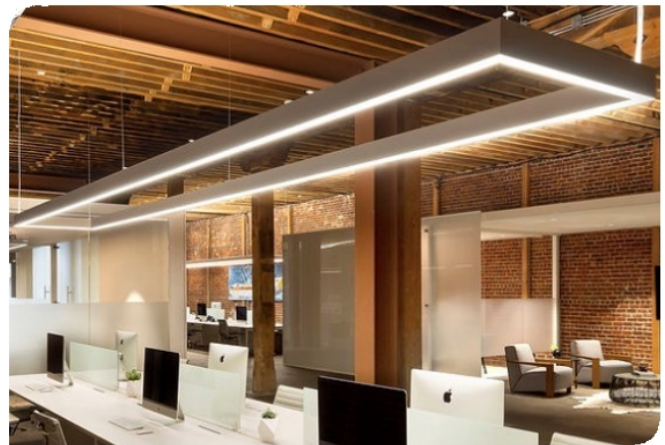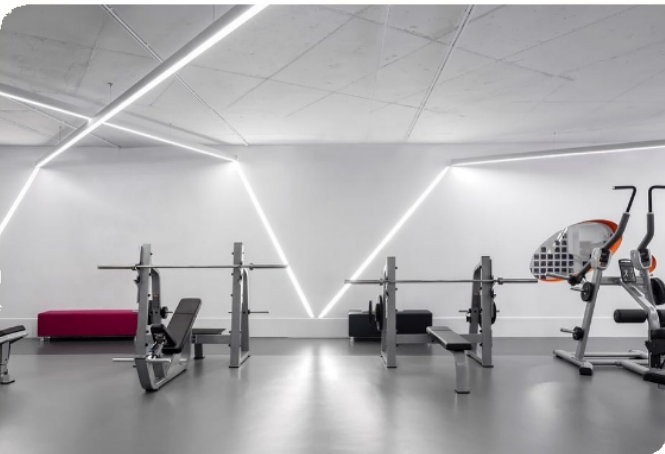
6WMS[^e
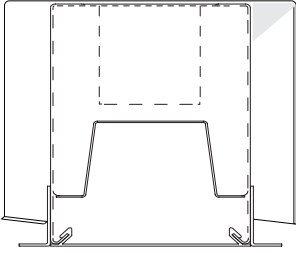
Drywall

Flange Detail
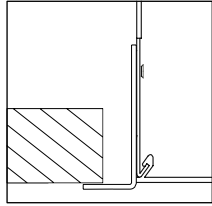
Cable Pendant

Stem Pendant

4"

26"

Pendant

24"

24"

26"

4"

5"

24"

Drywall

24"

4"

1/2"
Flange
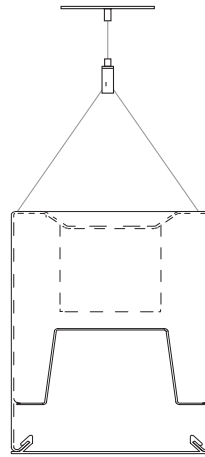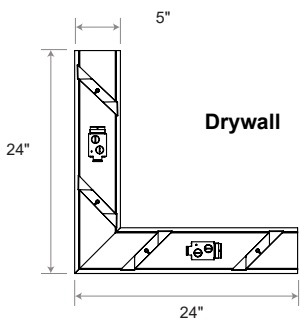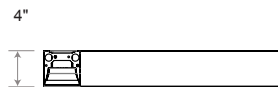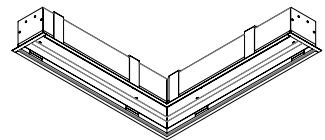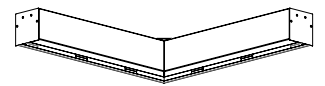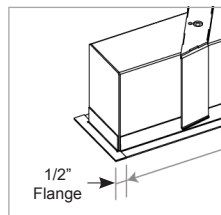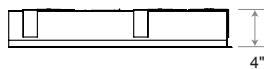
Controls

| 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
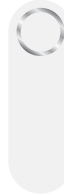
FCJS-010
Individual
Fixture Control

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.

FCJS-ECO
Individual
Fixture Control

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.
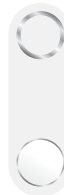
DFCSJ-OEM-OCC

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.

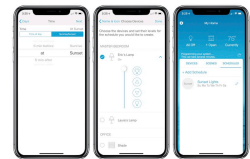**Controls Provided by Lutron**

| 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.

Leviton Keypad

Leviton App

ZL027-N0W
Power control module

ZL00J-D0W
Sensor control module

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

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

Intellect™ Keypad Room
Controller (Required)

Neuron App

PHILIPS EasySense

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

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.
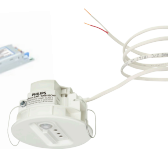
ZBT-S1AWH   **ZBT-S2AWH**

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

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

Direct

12100-40-D27-S-4
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	555 FC	3.9 FT	3.1 FT
3.3FT	147 FC	7.6 FT	6.1 FT
5.0FT	64.1 FC	11.6 FT	9.2 FT
6.7FT	35.7 FC	15.5 FT	12.3 FT
8.3FT	23.3 FC	19.2 FT	15.2 FT
10.0FT	16.0 FC	23.2 FT	18.4 FT

- Vert. Spread: 98.4°
- Horiz. Spread: 85.1°

12100-40-D27-S-8
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	1,117 FC	3.9 FT	3.1 FT
3.3FT	296 FC	7.6 FT	6.1 FT
5.0FT	129 FC	11.6 FT	9.2 FT
6.7FT	71.9 FC	15.5 FT	12.3 FT
8.3FT	46.8 FC	19.2 FT	15.2 FT
10.0FT	32.3 FC	23.2 FT	18.4 FT

- Vert. Spread: 98.4°
- Horiz. Spread: 85.1°

12100-40-D54-S-4
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	993 FC	3.9 FT	3.1 FT
3.3FT	263 FC	7.6 FT	6.1 FT
5.0FT	115 FC	11.6 FT	9.2 FT
6.7FT	63.9 FC	15.5 FT	12.3 FT
8.3FT	41.6 FC	19.2 FT	15.2 FT
10.0FT	28.7 FC	23.2 FT	18.4 FT

- Vert. Spread: 98.4°
- Horiz. Spread: 85.1°

12100-40-D54-S-8
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	1,986 FC	3.9 FT	3.1 FT
3.3FT	527 FC	7.6 FT	6.1 FT
5.0FT	230 FC	11.6 FT	9.2 FT
6.7FT	128 FC	15.5 FT	12.3 FT
8.3FT	83.3 FC	19.2 FT	15.2 FT
10.0FT	54.7 FC	23.2 FT	18.4 FT

- Vert. Spread: 98.4°
- Horiz. Spread: 85.1°

Direct/Indirect

12100-40-D27-U27-S-4
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	470 FC	3.9 FT	3.3 FT
3.3FT	296 FC	7.6 FT	6.5 FT
5.0FT	129 FC	11.5 FT	9.8 FT
6.7FT	71.9 FC	15.5 FT	13.2 FT
8.3FT	46.8 FC	19.1 FT	16.3 FT
10.0FT	32.3 FC	23.1 FT	19.7 FT

- Vert. Spread: 98.1°
- Horiz. Spread: 89.0°

12100-40-D27-U27-S-8
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	940 FC	3.9 FT	3.3 FT
3.3FT	249 FC	7.6 FT	6.5 FT
5.0FT	109 FC	11.5 FT	9.8 FT
6.7FT	60.5 FC	15.5 FT	13.2 FT
8.3FT	39.4 FC	19.1 FT	16.3 FT
10.0FT	27.2 FC	23.1 FT	19.7 FT

- Vert. Spread: 98.1°
- Horiz. Spread: 89.0°

12100-40-D54-U18-S-4
Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	982 FC	3.8 FT	3.1 FT
3.3FT	261 FC	7.4 FT	5.9 FT
5.0FT	114 FC	11.3 FT	9.0 FT
6.7FT	63.2 FC	15.1 FT	12.1 FT
8.3FT	41.2 FC	18.7 FT	14.9 FT
10.0FT	28.4 FC	22.6 FT	18.0 FT

- Vert. Spread: 96.9°
- Horiz. Spread: 83.9°

12100-40-D54-U18-S-8
Illuminance at a Distance

|	Center Beam FC	Beam Width	
1.7FT	1,965 FC	3.8 FT	3.1 FT
3.3FT	521 FC	7.4 FT	5.9 FT
5.0FT	227 FC	11.3 FT	9.0 FT
6.7FT	126 FC	15.1 FT	12.1 FT
8.3FT	82.4 FC	18.7 FT	14.9 FT
10.0FT	56.8 FC	22.6 FT	18.0 FT

- Vert. Spread: 96.9°
- Horiz. Spread: 83.9°

Pendant Installation

A simple design and adjustable components provide a flexible and hassle-free experience when installing the Continuum Series™.
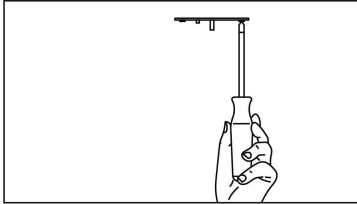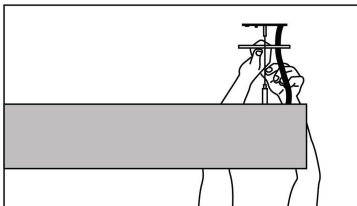
**Step 1:** Secure cross brackets to junction boxes for both power and non power mounting points.
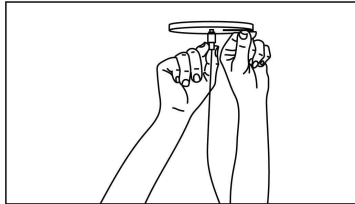
Step 2: Secure canopy with power canopy coupler (Power Feed Mount) & secure canopy with cable terminal (Non Power Feed Mount).
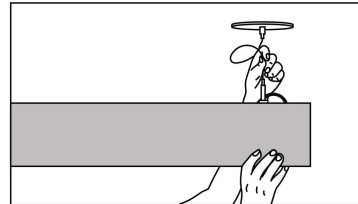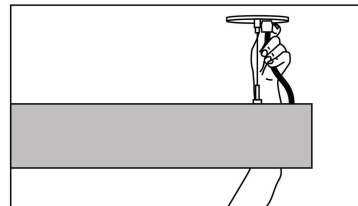
Step 3: Feed aircraft cable into cable grippers, adjust height and level luminaire.

Step 4: Unscrew outer coupler to allow access to junction box. Feed power cord through canopy.
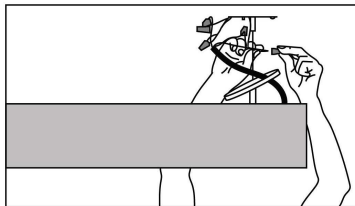
Step 5: Secure canopy back in place with outer coupler.

Step 6: Snap strain relief around power cord. Press into canopy.