



EDGELINE SERIES | EDGELINE 2.4"

Client:
Project:
Type:
Quantity:



Product Features

Edgeline series architectural linear luminaire housing from 2.4" wide aluminum extruded profile, available in 2, 4 and 8-Ft length with Black, White finish; aircraft steel cable suspension system for direct ceiling mounting, with power supply unit integral inside fixture, and power feed cable through junction box cover plate; integral driver, frosted polycarbonate lens; emits even soft direct, direct/indirect facing light for general illumination; >90CRI LED; field selectable CCT in 2700K / 3000K / 3500K / 4000K / 5000K; 70% of luminous flux after 100,000 hours; cULus damp location listed; universal input 120-277V power supply with 0-10V dimming and a 0-100% dimming range. Tunable White and Dim-to-Warm options available.

Technical Specifications

INPUT VOLTAGE	Universal Input AC120-277V
FREQUENCY	50/60hz
COLOR TEMPERATURE	Field Selectable 2700K / 3000K / 3500K / 4000K / 5000K, Dim-to-Warm, Tunable White
COLOR RENDERING INDEX	>90
DISTRIBUTION	Direct/Indirect Ratio Field Selectable 100%, 70%/30%, 50%/50%, 30%/70%, 100%
IP RATING	Damp Location
LIFE SPAN	>100,000 Hours
DIMMING	0-10V Dimming with 0-100% Dimming Range



EDGELINE SERIES | EDGELINE 2.4"
SUBMITTAL WORKSHEET

Order Code Example: EGL2.4 - L2 - 9SC - BK - GD - UD - EMB-8W-B

A	B	C	D	E	F	G
L2	QS	2FT	Direct 100%			
L4	QS	4FT	Direct 100%			
L8	QS	8FT	Direct 100%			

A SERIES (CHOOSE ONE)

EGL2.4 Edgeline Series 2.4" Profile Architectural Linear

B SIZE & OUTPUT (CHOOSE ONE)

CODE	LENGTH	DISTRIBUTION	POWER & LUMEN FIELD SELECTABLE
L2 QS	2FT	Direct 100%	10W / 15W / 20W
L4 QS	4FT	Direct 100%	20W / 30W / 40W
L8 QS	8FT	Direct 100%	40W / 60W / 80W

CODE	LENGTH	DISTRIBUTION	DIRECT/INDIRECT RATIO	FIELD SELECTABLE	POWER & LUMEN FIELD SELECTABLE
IL2 QS	2FT	100%, 70%/30%, 50%/50%, 30%/70%, 100%			10W / 15W / 20W
IL4 QS	4FT	100%, 70%/30%, 50%/50%, 30%/70%, 100%			20W / 30W / 40W
IL8 QS	8FT	100%, 70%/30%, 50%/50%, 30%/70%, 100%			40W / 60W / 80W

C CCT (CHOOSE ONE)

9SC QS Field Selectable 2700K / 3000K / 3500K / 4000K / 5000K

D FINISH (CHOOSE ONE)

BK QS	Black
WH QS	White

E DECORATIVE REFLECTOR (CHOOSE ONE - OPTIONAL)

BK QS	Black
GD QS	Gold
RG QS	Rose Gold
SV QS	Silver
WH QS	White


F INPUT (CHOOSE ONE)

UD QS	120-277V, 0-10V Dimming
TW QS	120-277V, 0-10V Tunable White Dimming
DW QS	120-277V, 0-10V Dim-to Warm Dimming

G OPTIONS

BAA	Assembled in America, Compliant with BAA (COTS)
SENSOR-KIT-IFS06R QS	Integral PIR on/off/dimming/photosensing (14V DC Power by Driver)
EMB-8W-B* QS	90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output

*see page 7 for EMB and sensor spec

EDGELINE SERIES | EDGELINE 2.4"
SUBMITTAL WORKSHEET

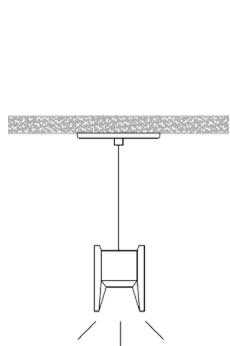
Order Code Example: EGL-QM - EGL-L-CON

H I

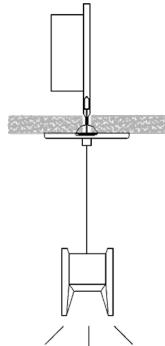
H MOUNTING (CHOOSE ONE)

- EGL-QM** **QS** Quick Mount
EGL-QMT **QS** Quick Mount for T-Grid Ceiling
EGL-WM **QS** Wall Mount

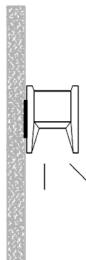
*see page 3 for detail



EGL-QM
Quick Mount



EGL-QMT
Quick Mount
for T-Grid Ceiling



EGL-WM
Wall Mount

I CONNECTORS

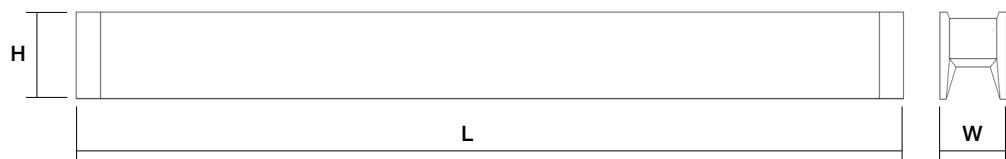
- EGL-CON** Edgeline Profile Inline Joiner (metal bracket)
EGL-L-CON Edgeline Profile "L" 90° Connector
EGL-X-CON Edgeline Profile "X" 90° Connector
EGL-Y-CON Edgeline Profile "Y" 120° Connector

*see page 7 for EMB and sensor spec

EGL-CON EGL Profile Inline Joiner	EGL-L-CON EGL Profile "L" 90° Connector	EGL-X-CON EGL Profile "X" 90° Connector	EGL-Y-CON EGL Profile "Y" 90° Connector
			

EDGELINE SERIES | EDGELINE 2.4"
DIMENSIONS

Size	L	EGL2.4		EGL4	
		W	H	W	H
2FT	26.14"	2.4"	4"	3.98"	5.22"
4FT	49.76"				
8FT	97.01"				


OUTPUT
Selectable CCT

2700K, 3000K, 3500K, 4000K, 5000K

 90+ CRI 
Selectable Wattage

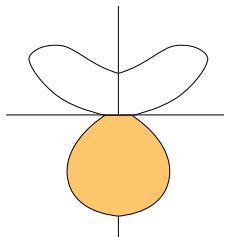

Lv1



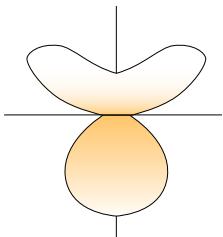
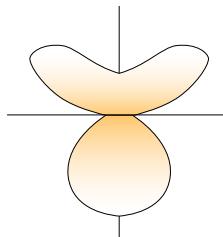
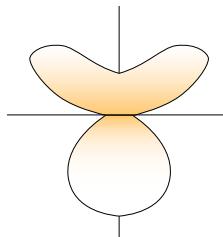
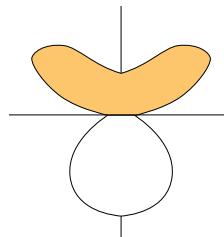
Lv2



Lv3

Selectable Light Distribution


100% Direct


 30% Indirect
70% Direct

 50% Indirect
50% Direct

 70% Indirect
30% Direct


100% Indirect



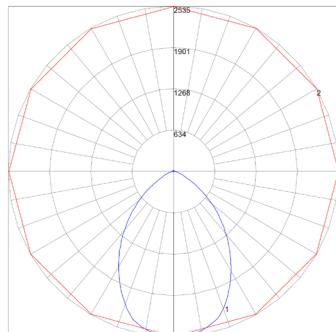
EDGELINE SERIES | EDGELINE 2.4"

PERFORMANCE DATA

		2700K (90CRI)	3000K (90CRI)	3500K (90CRI)	4000K (90CRI)	5000K (90CRI)
EGL2.4	Lumens Per Foot	1200	1200	1250	1250	1250
	Input Wattage Per Foot	10W	10W	10W	10W	10W
	Efficacy	120 lm/W	120 lm/W	125 lm/W	125 lm/W	125 lm/W

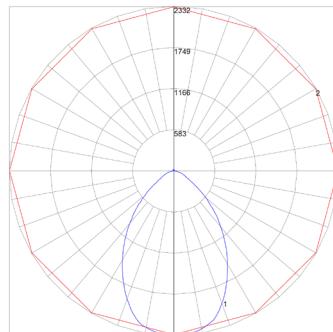
ELECTRICAL DATA

EDGELINE 2.4"				
NUMBER OF DRIVERS	DRIVER CURRENT (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (AMPS)
1	430	20	120	0.17
		20	208	0.10
		20	240	0.08
		20	277	0.07
1	850	40	120	0.33
		40	208	0.19
		40	240	0.17
		40	277	0.14
1	1700	80	120	0.67
		80	208	0.38
		80	240	0.33
		80	277	0.29

EDGELINE SERIES | EDGELINE 2.4"
PHOTOMETRIC
IES: EGL2.4-9SC @ 5000K 40W D-100%


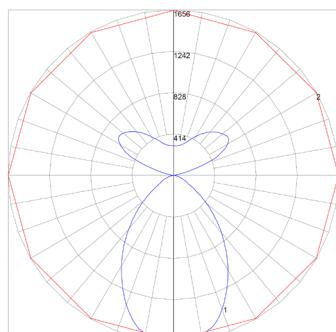
Zone	Lumen	Luminaire%
0-30	1842	37.30
0-40	2843	57.50
0-60	4344	87.90
0-90	4894	99.00
0-180	4944	100

Lumen: 4944
 Input Watts: 37.78 W
 Efficacy: 130 LPW

IES: EGL2.4-9SC @ 2700K 40W D-100%


Zone	Lumen	Luminaire%
0-30	1692	37.30
0-40	2609	57.60
0-60	3982	87.90
0-90	4484	52.10
0-180	4530	100

Lumen: 4530
 Input Watts: 37.81 W
 Efficacy: 120 LPW

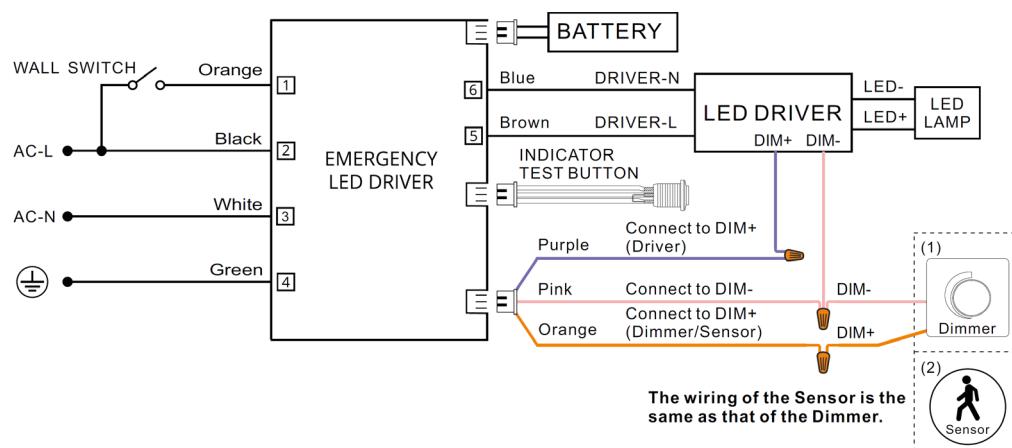
IES: EGL2.4-9SC @ 3500K 40W D-70% I-30%


Zone	Lumen	Luminaire%
0-30	1204	24.50
0-40	1858	37.90
0-60	2841	57.90
0-90	3209	65.50
0-180	4903	100

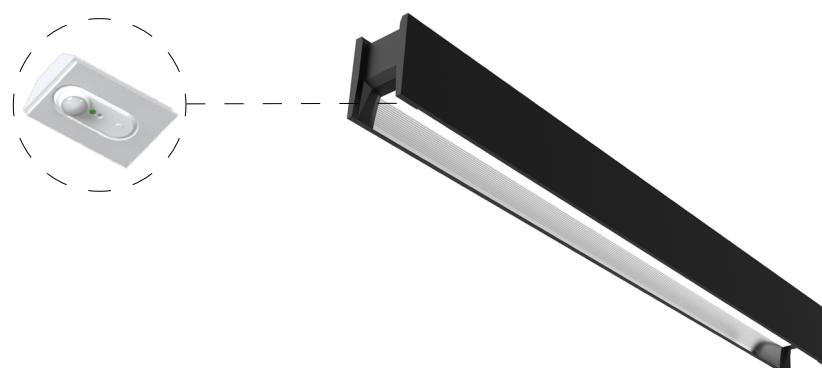
Lumen: 4903
 Input Watts: 38.23 W
 Efficacy: 128 LPW

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EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-8W-B	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
EMB-18W-B	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install


SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-KIT-IFS06R	PIR Sensor	Integral to Fixture	-	14V DC	On/Off Daylight Harvesting Bi-Level Dimming Adj. Hold Time	-



SENSOR-KIT-IFS06R PIR SENSOR

FEATURE

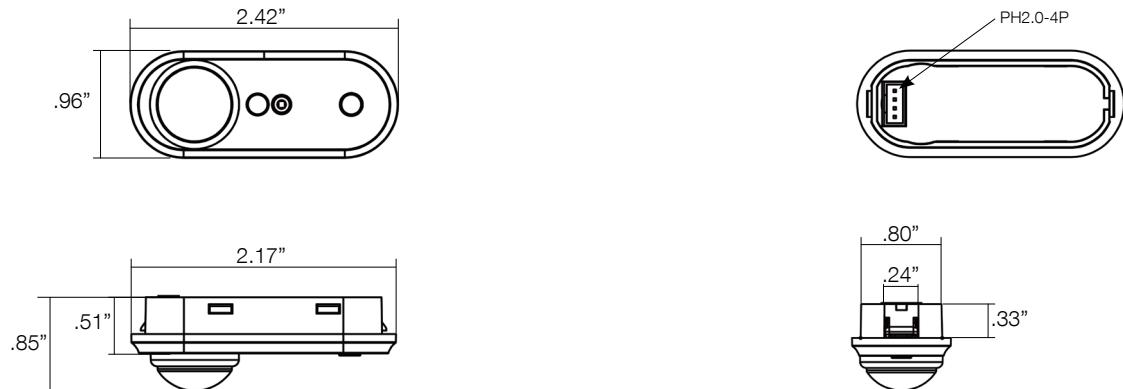
- **Installation:** Factory Install - Sensor Integral to Fixture
- **Commissioning:** through Remote Control
- **Control:** Adjustable Hold Time, Bi-Level Dimming, Manual/Auto - On/Off
- **Sensor:** Motion (Occupancy/Vacancy/Manual) and Daylight Harvesting



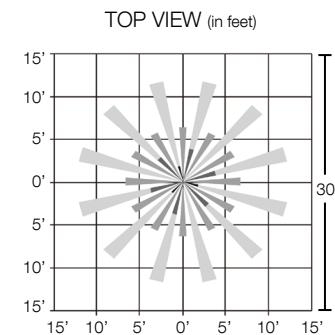
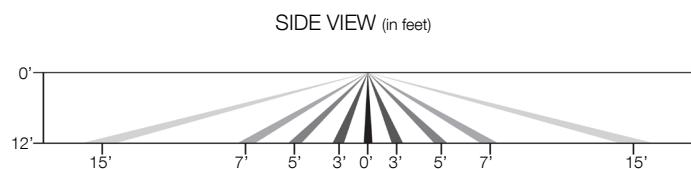
SPECIFICATIONS

SENSOR TYPE:	Passive Infrared Sensor (PIR)	COMMISSIONING RANGE:	50FT from Remote Control
INPUT VOLTAGE:	10-14VDC, >50mA	TIME SETTING:	10sec ~ 60min (adjustable)
LIGHT-CONTROL:	Daylight Harvesting with Automatic Dimming	DETECTION ANGLE:	360°
CONTROL OUTPUT:	0-10V, Max. 25mA sinking current	MOUNTING HEIGHT:	12FT Max.
OPERATING TEMP:	-4°F ~ +140°F (-20°C ~ +60°C)	WARRANTY:	5 years
		IP RATING:	IP20

DIMENSIONS



COVERAGE PATTERNS

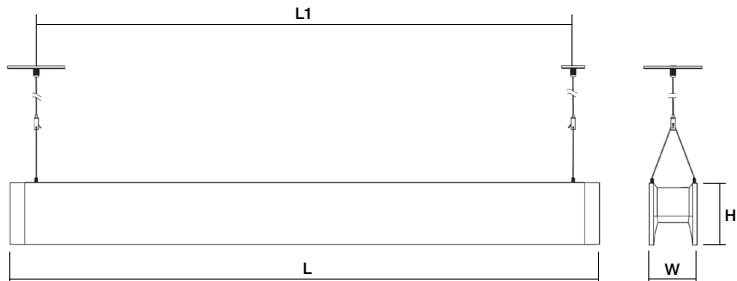


ORDER CODE

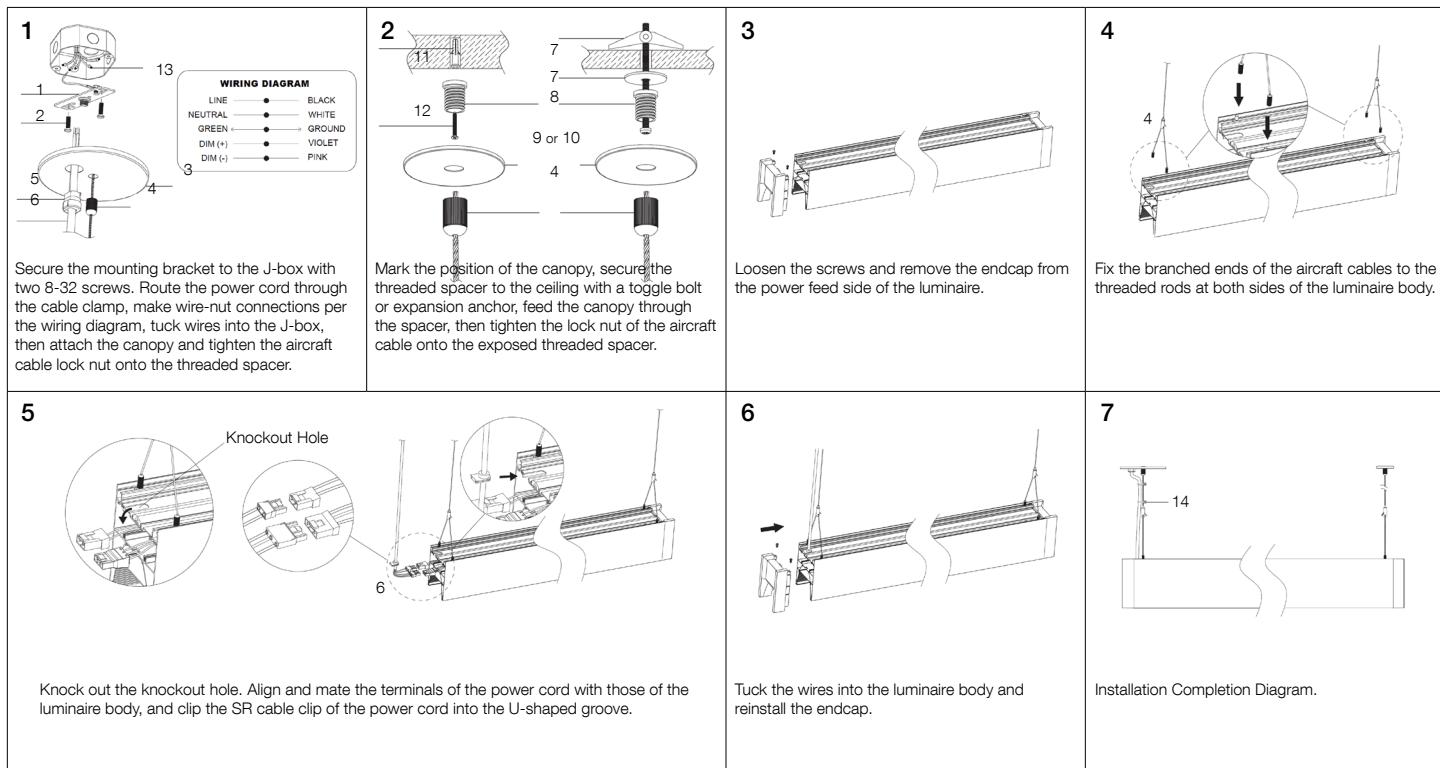
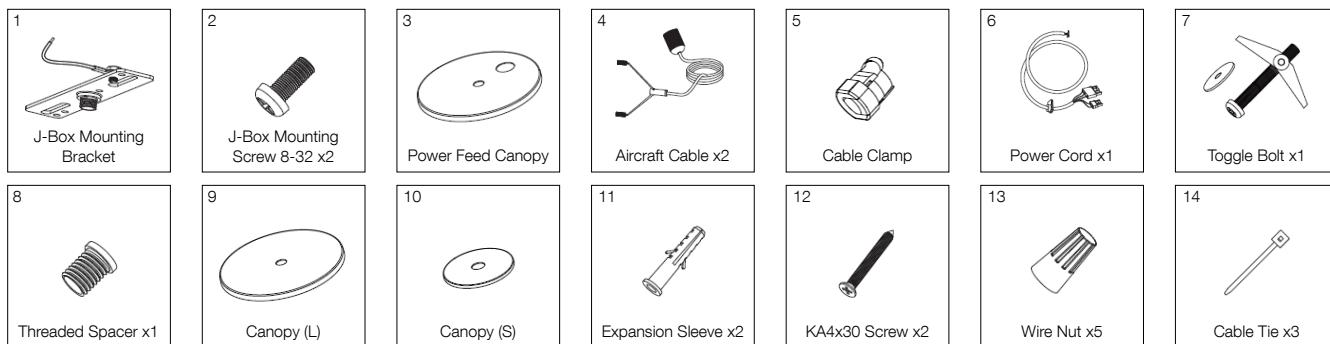
EXAMPLE: SENSOR-IFS06R

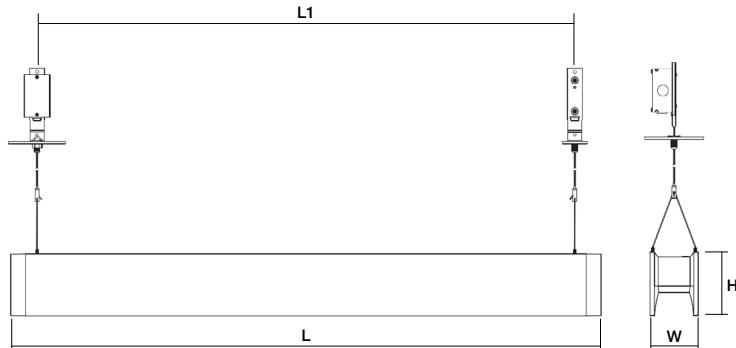
A SERIES

SENSOR-KIT-IFS06R Integral PIR on/off/dimming/photosensing (14V DC Power by Driver)

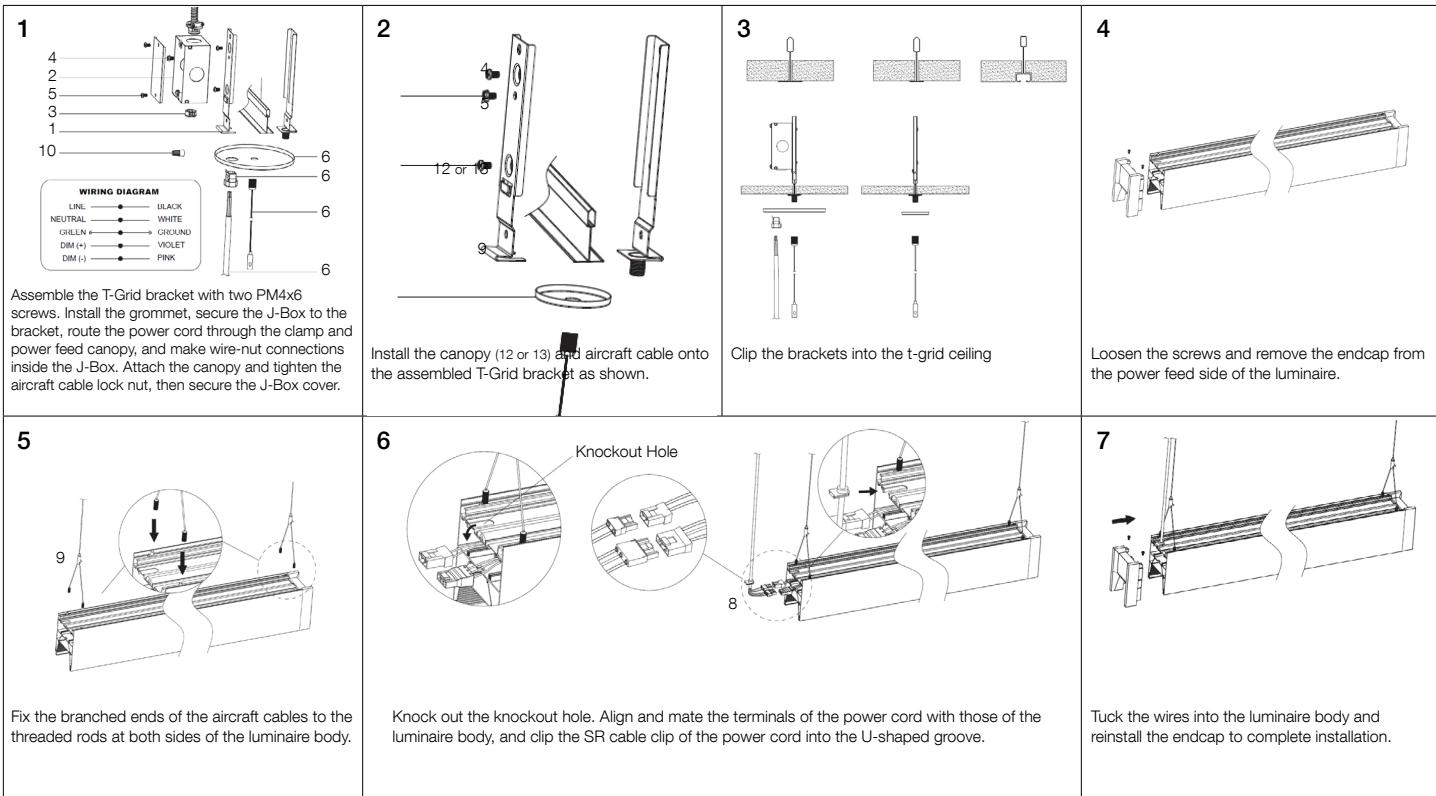
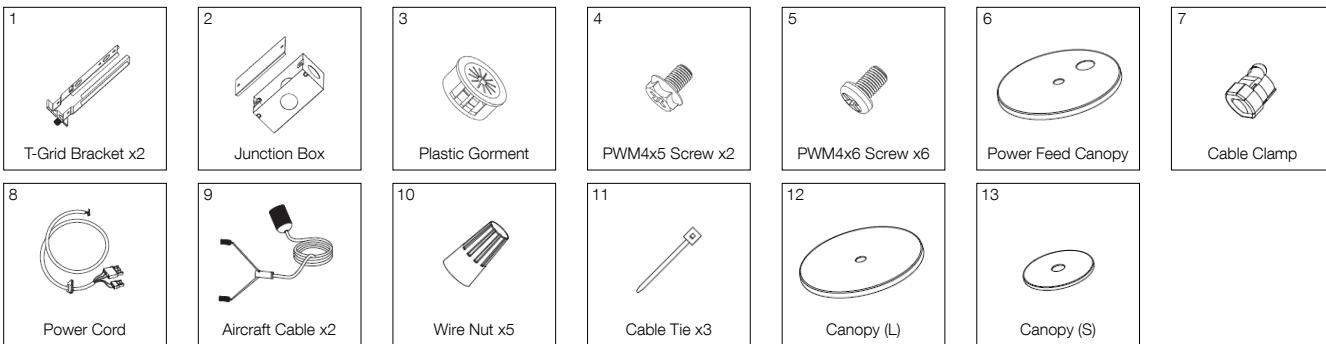
EDGELINE SERIES | EDGELINE 2.4"
INSTALLATION
QM - Quick Mount Installation


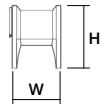
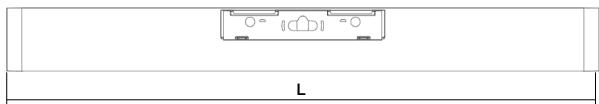
EGL2.4				
Size	L	W	H	L1 - Installation Spacing
2FT	26.14"	2.4"	4"	19.68"
4FT	49.76"			43.30"
8FT	97.01"			90.55"



EDGELINE SERIES | EDGELINE 2.4"
INSTALLATION
QMT - T-Grid Quick Mount Installation


EGL2.4				
Size	L	W	H	L1 - Installation Spacing
2FT	26.14"	2.4"	4"	19.68"
4FT	49.76"			43.30"
8FT	97.01"			90.55"



EDGELINE SERIES | EDGELINE 2.4"
INSTALLATION
WM - Wall Mount Installation


EGL2.4			
Size	L	W	H
2FT	26.14"		
4FT	49.76"		
8FT	97.01"	2.4"	4"

