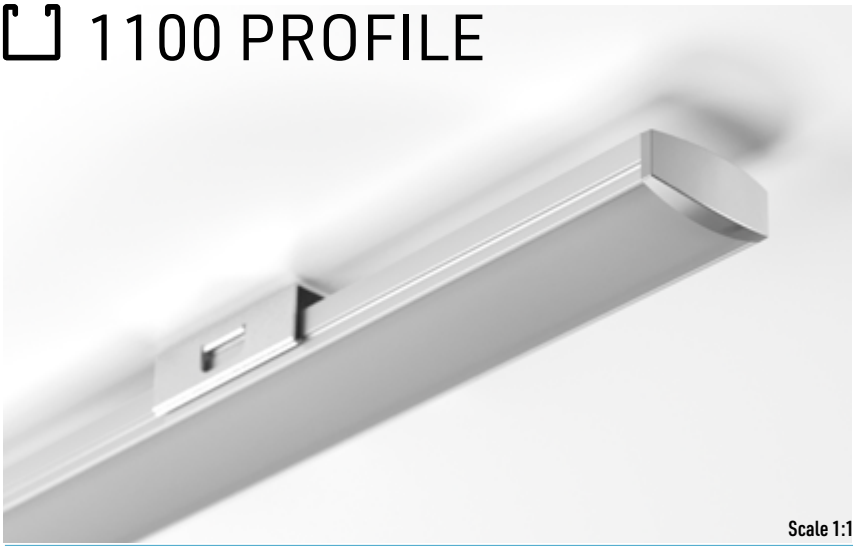
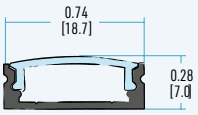
1100 PROFILE



Scale 1:1



Scale 1:1

LINEAR WEIGHT	MAXIMUM LED STRIP WIDTH
0.060 lbs / ft	DRY: 9 / 16 "
0.089 kg / m	DRY: 14 mm

*Extrusion only

E491159 · E491159 · 5 YEARS WARRANTY · MADE IN NORTH AMERICA · LOW CARBON FOOTPRINT · CLOSET RATED

The 1100 series is a shallow, rectangular, and flangeless profile. It is designed to be discrete and integrates into most surfaces. The 1100 series offers a wide selection of lenses, and LED platforms to choose from for a beautifully finished luminaire with end caps.

PRODUCT FEATURES

- Recess into millwork using standard woodworking tools for a 0.75 in. (19 mm) groove
- Stainless steel mounting hardware for peace of mind integration
- Custom lengths with precision to $^{1}/_{16}$ (0.0625) inches
- Internal groove guide for easy application of LED strip when field installation is needed
- A selection of lenses to meet task at hand
- Aluminum construction for superior heat dissipation
- UL 2108 listed - Suitable for storage and closet areas

LED TAPE COMPATIBILITY

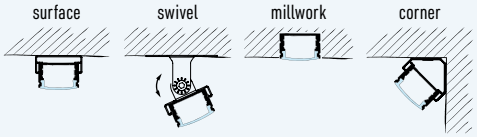
2400K · 2700K · 3000K · 3500K · 4000K · 5000K

warmdim · tunable white · rgb · rgbw

CHANNEL COLOR OPTIONS

aluminum anodized · black anodized · custom RAL color

MOUNTING



LOCATION RATING

dry

OTHER OPTIONS

dot-free

USEFUL LINKS

MAXIMUM LED RUN CHART PER DRIVER

VOLTAGE DROP CHART

INSTALLATION SHEET

IES FILES

info@lumentruss.com / www.lumentruss.com / 1-855-384-3384

STATIC WHITE / WARM DIM ORDERING SHEET

1	2	3	4	5	6	7	8	9	10	11
Finish	Mounting	Optics	Lumen Package	CCT	Application	Power Feed	Input / Output	Exact / Optimal	Length, in	Driver Type
					AID					

1 PROFILE & FINISH

CA1100 - Anodized aluminum finish

CA1101 - Anodized black finish

CA110W- White (special order)

CA110X - Custom color provide RAL #

2 MOUNTING

MCF - Flat surface bracket

MC3 - 45° Corner bracket

MC8 - Swivel 180°

M3M - Double face mounting tape

MNO - No mounting

3 OPTICS

DCS - Clear lens

DXS - Optiflex lens

DOS - Opal lens

DRS - Prime lens

DBS - Black lens

DSS - Silens

DODS - 3D Opal drop square lens

DNO - No lens

4 LUMEN PACKAGE

LP100 - 1.5 W/ft - >130 lm/ft

LP200 - 2.9 W/ft - >200 lm/ft

LP300 - 4.4 W/ft - >300 lm/ft

LP450 - 5.8 W/ft - >450 lm/ft

PRECISE

LE150 - 1.5 W/ft - >150 lm/ft

LE300 - 3.0 W/ft - >300 lm/ft

NEAT

LT150† - 2.0 W/ft - >150 lm/ft

LT300† - 3.0 W/ft - >300 lm/ft

LW2229 - WARMDIM 2200-2900K - 4.4 W/ft - 192 lm/ft

LW2735 - WARMDIM 2700-3500K - 4.4 W/ft - 202 lm/ft

LWC2230 - WARMDIM COB 2200-3000K - 4.4 W/ft - 323 lm/ft

5 CCT

K24 - 2400K

K27 - 2700K

K30 - 3000K

K35 - 3500K

K40 - 4000K

K50 - 5000K

6 APPLICATION

AID - Indoor dry locations

7 POWER FEED

FH3 - Hardwire, 3ft wire

FH6 - Hardwire, 6ft wire

FH9 - Hardwire, 9ft wire

FHX - Hardwire, custom length wire

FC3 - DC plug, 3ft wire

FC6 - DC plug, 6ft wire

FC9 - DC plug, 9ft wire

FCX - DC plug, custom length wire

8 INPUT / OUTPUT

WSE - Simple lead-in, end feed

WSB - Simple lead-in, back feed

WPE - Pass-through, end feed

WPB - Pass-through, back feed

9 EXACT/OPTIMAL

QE - Exact

QO - Optimal

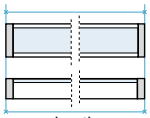
Exact - length specified in section 10 with end caps without flanges.

Optimal - length specified in section 10, rounded down to the closest LED cut section to minimize dark spots.

10 LENGTH*

Length of the luminaire in inches.

**Includes end caps, excludes flanges (when applicable).*



11 DRIVER TYPE

PND - Non-dimmable

P010 - 0-10V dimming

PPH - Phase (ELV / MLV) dimming

P5i1 - 5-in-1 (Phase / 0-10V) dimming

PDAL - DALI compatible driver

PDMX - DMX driver

PNO - No driver

1100 series	black finish	prime lens	CCT 3500 K	hardwire connection, 6 '	72" fixture (with end caps)	non-dimmable driver
CA1101	- MCF	- DRS	- LE300	- K35	- AID - FH6	- WSB - QO72 PND
	flat bracket	Precise 3.0W/ft		indoor dry application	back feed lead-in only	optimal length, no dark spots

ACCESSORIES (OPTIONAL)

GYPSUM COVES	Quantity
CGAP - Apsis, 8ft	
CGLA - Latus, 8ft	
CGNI - Nidus, 8ft	
CGSU - Sulcus, 8ft	

info@lumentruss.com / www.lumentruss.com / 1-855-384-3384

TUNABLE WHITE / RGB / RGBW ORDERING SHEET

1 Finish	2 Mounting	3 Optics	4 Lumen Package	5 CCT	6 Application	7 Power Feed	8 Input / Output	9 Exact / Optimal	10 Length, in	11 Driver Type
					AID					

1 PROFILE & FINISH

CA1100 - Anodized aluminum finish

CA1101 - Anodized black finish

CA110W- White (special order)

CA110X - Custom color provide RAL #

2 MOUNTING

MCF - Flat surface bracket

MC3 - 45° Corner bracket

MC8 - Swivel 180°

M3M - Double face mounting tape

MNO - No mounting

3 OPTICS

DCS - Clear lens

DXS - Optiflex lens

DOS - Opal lens

DRS - Prime lens

DBS - Black lens

DSS - Silens

DODS - 3D Opal drop square lens

DNO - No lens

4 LUMEN PACKAGE

LDWM2465 - Dual White - 3.5 W/ft - 260 lm/ft

LDWH2465 - Dual White - 5.8 W/ft - 427 lm/ft

LRGBLD - RGB - 4.4 W/ft - low density

LRGBMD - RGB - 5.8 W/ft - medium density

LRGB30 - RGBW (3000K) 4 in 1 - 4.4 W/ft - 107 lm/ft

5 CCT

2400-6500K

N/A

RGB + 3000K

6 APPLICATION

AID - Indoor dry locations

7 POWER FEED

FH3 - Hardwire, 3ft wire

FH6 - Hardwire, 6ft wire

FH9 - Hardwire, 9ft wire

FHX - Hardwire, custom length wire

8 INPUT / OUTPUT

WSE - Simple lead-in, end feed

WSB - Simple lead-in, back feed

WPE - Pass-through, end feed

WPB - Pass-through, back feed

9 EXACT/OPTIMAL

QE - Exact

QO - Optimal

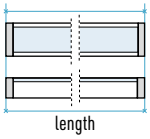
Exact - length specified in section 10 with end caps without flanges.

Optimal - length specified in section 10, rounded down to the closest LED cut section to minimize dark spots.

10 LENGTH*

Length of the luminaire in inches.

**Includes end caps, excludes flanges (when applicable).*



11 DRIVER TYPE

PND - Non-dimmable

PDMX - DMX driver

PNO - No driver

1100 series	black finish	prime lens	2400-6500K	hardwire connection, 6 '	72" fixture (with end caps)	non-dimmable driver
CA1101	- MCF	- DRS	- LDWH2465	- AID	- FH6 - WSB	- QO72 PND
	flat bracket	dual white, high lumen	indoor dry application	back feed lead-in only	optimal length, no dark spots	

ACCESSORIES (OPTIONAL)

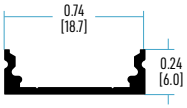
GYPSUM COVES	Quantity
CGAP - Apsis, 8ft	
CGLA - Latus, 8ft	
CGNI - Nidus, 8ft	
CGSU - Sulcus, 8ft	

info@lumentruss.com / www.lumentruss.com / 1-855-384-3384

1 1100 - PROFILE DIMENSIONS

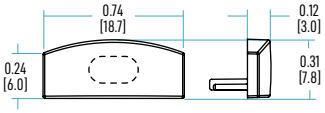
PROFILE

1100

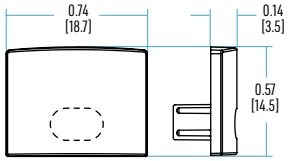


END CAPS

REGULAR



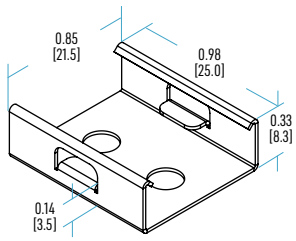
3D

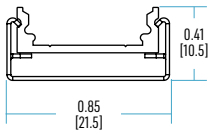


2 - MOUNTING HARDWARE DIMENSIONS

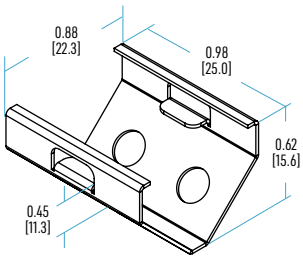
CLIP-IN BRACKETS (stainless steel)

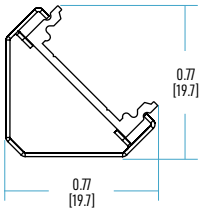
MCF - FLAT BRACKET



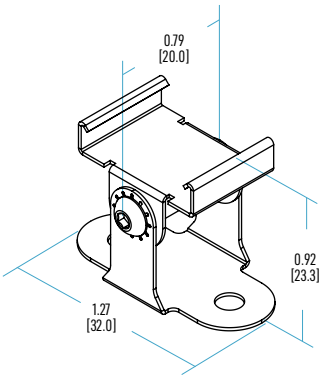


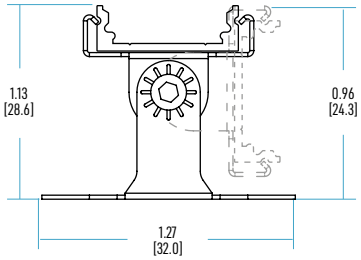
MC3 - 45˚ CORNER BRACKET





MC8 - SWIVEL 180˚ BRACKET





Scale 1:1

info@lumentruss.com / www.lumentruss.com / 1-855-384-3384

LED TAPE AND OPTICS CHART

@ FULL LIGHT OUTPUT

	LP100	LP200	LP300	LP450	LP750	LW2229	LW2735	LDWM	LDWH	LRGBLD	LRGBMD	LRGB30
LED tape color type												
CCT Range	2400K 2700K 3000K 3500K 4000K					2200K to 2900K	2700K to 3500K	2400K to 6500K	2400K to 6500K	RGB	RGB	RGBW 3000K
	6200K				5300K							
Power	4.8 W/m 1.5 W/ft	9.6 W/m 3.0 W/ft	14.5 W/m 4.4 W/ft	19.2 W/m 5.8 W/ft	23 W/m 7.0 W/ft	14.5 W/m 4.4 W/ft	14.5 W/m 4.4 W/ft	11.5 W/m 3.5 W/ft	19.2 W/m 5.8 W/ft	14.5 W/m 4.4 W/ft	19.2 W/m 5.8 W/ft	14.5 W/m 4.4 W/ft
Efficacy	91 lm/W	81 lm/W	76 lm/W	84 lm/W	95 lm/W	< 44 lm/W	< 46 lm/W	74 lm/W	74 lm/W	-	-	-
CRI	90+	90+	90+	90+	95+	90+	90+	90+	90+	-	-	80+
R9	60+	60+	60+	60+	65+	60+*	60+*	60+*	60+*	-	-	-
Available in IP68 option (silicone sleeve)	N	N	N	N	N	N	N	N	N	N	N	N
LED tape increment	50 mm 1.97 in	50 mm 1.97 in	33 mm 1.30 in	25 mm 0.98 in	33 mm 1.30 in	50 mm 1.97 in	50 mm 1.97 in	50 mm 1.97 in	50 mm 1.97 in	100 mm 3.94 in	63 mm 2.48 in	100 mm 3.94 in
Quantity of LED chips	120 LED/m 36 LED/ft	120 LED/m 36 LED/ft	180 LED/m 54 LED/ft	240 LED/m 73 LED/ft	240 LED/m 73 LED/ft	240 LED/m 73 LED/ft	240 LED/m 73 LED/ft	240 LED/m 73 LED/ft	240 LED/m 73 LED/ft	60 LED/m 18 LED/ft	112 LED/m 34 LED/ft	60 LED/m 18 LED/ft
LED tape width	8 mm 0.31 in	8 mm 0.31 in	8 mm 0.31 in	10 mm 0.39 in	10 mm 0.39 in	10 mm 0.39 in	10 mm 0.39 in	10 mm 0.39 in	10 mm 0.39 in	10 mm 0.39 in	10 mm 0.39 in	12 mm 0.47 in
Spec sheet												
LENS **BEAM**						*At higher CCT value		*At higher CCT value				**Tested with LP450**
DBS - black Disappears on dark surfaces when turned off. 92°	70 lm/ft	113 lm/ft	169 lm/ft	241 lm/ft	395 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	93 cd
DSS - silens No dots, suitable for direct view, and a continuous lens up to 10M (33ft). 120°	93 lm/ft	151 lm/ft	224 lm/ft	316 lm/ft	545 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	137 cd
DOS - opal Diffused light. Suitable for direct view. 113°	98 lm/ft	155 lm/ft	233 lm/ft	339 lm/ft	567 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	114 cd
DODS - 3D opal 124°	125 lm/ft	203 lm/ft	309 lm/ft	429 lm/ft	721 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	140 cd
DRS - prime Best light output for direct view with higher lumen packages. 108°	121 lm/ft	192 lm/ft	290 lm/ft	409 lm/ft	682 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	140 cd
DXS - optiflex Eliminates shadows, best light output for indirect view. 102°	135 lm/ft	217 lm/ft	333 lm/ft	453 lm/ft	762 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	175 cd
DCS - clear The highest light output for indirect view. 116°	158 lm/ft	252 lm/ft	379 lm/ft	525 lm/ft	870 lm/ft	<192 lm/ft	<202 lm/ft	<260 lm/ft	<427 lm/ft	rgb	rgb	107 lm/ft	180 cd

DOT-FREE

VISIBLE DOTS

Lumen output tested at 4000K. Use this table to calculate lumen output for different CCTs.

2400K - **0.89**	2700K - **0.91**	3000K - **0.95**	3500K - **0.96**	4000K - **1.00**	6200K - **1.07**

IES FILES

for other CCTs peak candella

LUMINOSITY CALCULATION EXAMPLE:

According to the above table **LP750** lumen package with **DRS** (prime) lens for CCT **4000K** has luminosity of 682 lm/ft at CCT **3000K** lumen output is **559 lm/ft * 0.95 = 648 lm/ft**

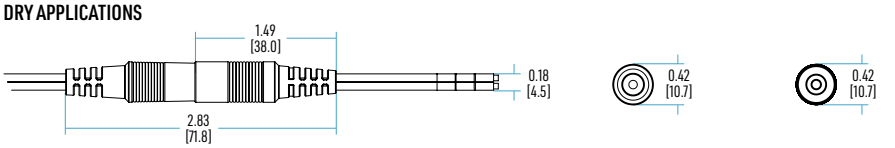
info@lumentruss.com / www.lumentruss.com / 1-855-384-3384

7 - POWER FEED

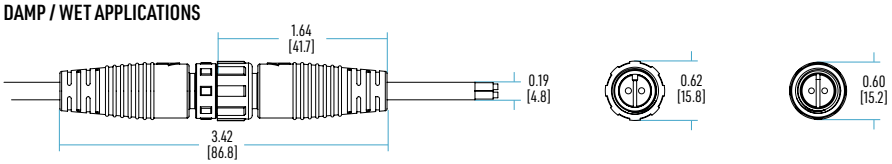
FC3 / FC6 / FC9 / FCX - DC CONNECTORS (static white and Warmdim LED tape only)

FC3 - DC plug, 3ft wire
FC6 - DC plug, 6ft wire
FC9 - DC plug, 9ft wire
FCX - DC plug, custom length wire

DRY APPLICATIONS



DAMP / WET APPLICATIONS



FH3 / FH6 / FH9 / FHX - HARDWIRE

FH3 - Hardwire, 3ft wire
FH6 - Hardwire, 6ft wire
FH9 - Hardwire, 9ft wire
FHX - Hardwire, custom length wire

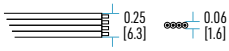
Static white / Warmdim TEW 22 AWG

Static white / Warmdim TR64 22 AWG

Static white / Warmdim IP68 (FT4)

Tunable White

RGB

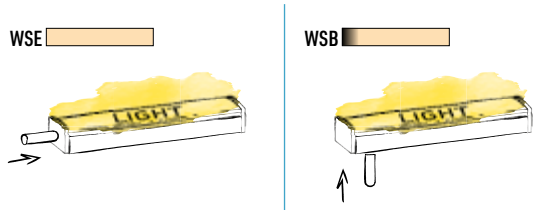


RGBW

8 - INPUT / OUTPUT

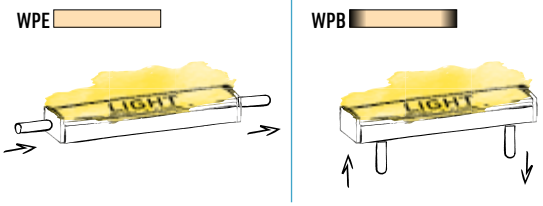
1100 SIMPLE LEAD (ONE SIDE)

WSE - End feed (no dark spots)
WSB - Back feed (dark spots)

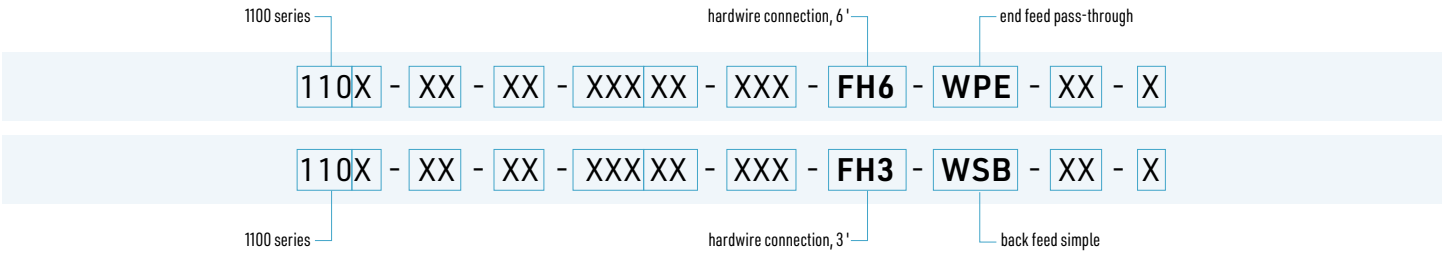


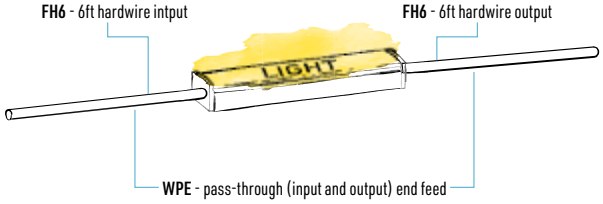
1100 PASS-THROUGH (TWO SIDES)

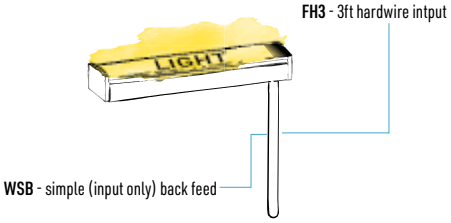
WPE - End feed (no dark spots)
WPB - Back feed (dark spots)



ORDERING CODE EXAMPLES



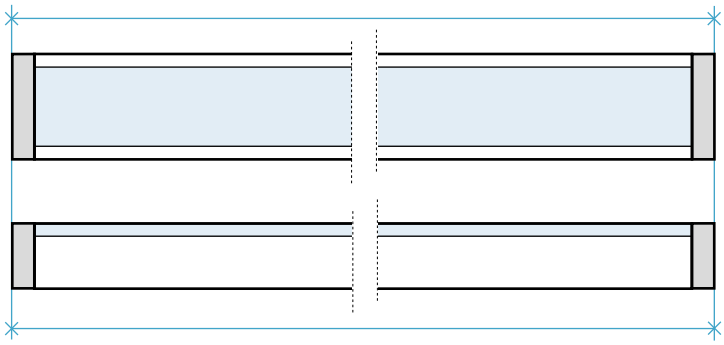




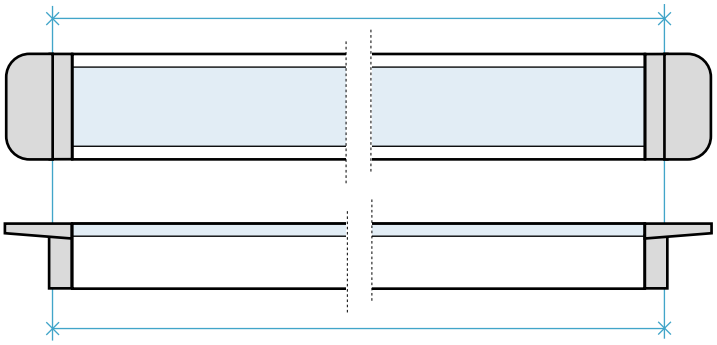
info@lumentruss.com / www.lumentruss.com / 1-855-384-3384

9 EXACT / OPTIMAL LENGTH

Ordering length includes the thickness of end caps and excludes flanges (where applicable).



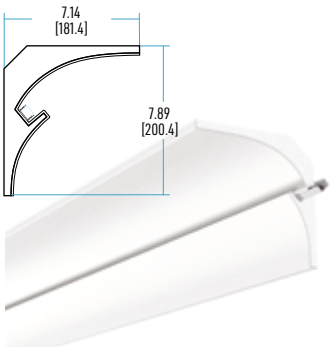
Ordering length for a luminaire with no-flange end caps



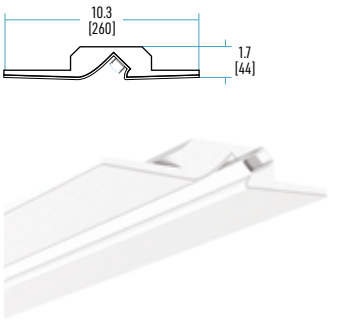
Ordering length for a luminaire with flanged end caps

12 GYPSUM COVES - DRYWALL FORMS

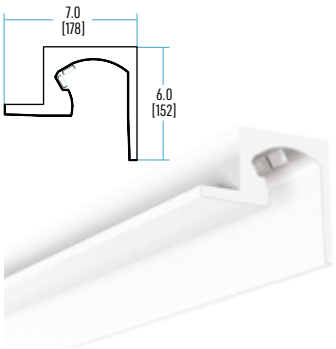
APSIS



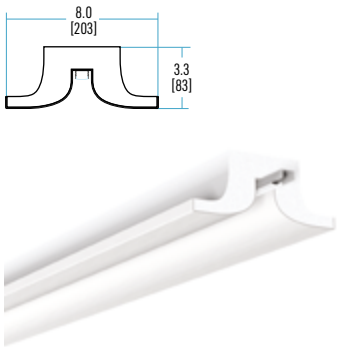
LATUS



NIDUS



SULCUS



info@lumentruss.com / www.lumentruss.com / 1-855-384-3384

CLASS 2 POWER SUPPLIES 24V

Class 2

CODE	LED TYPE	POWER SUPPLY NUMBER	POWER	CHANNELS	DIMM. PROTOCOL	DIMM. RANGE	INPUT	OUTPUT	LOCATION	DIMENSIONS	CERT.	SPECS
PND	Single Color Dual White RGB RGBW	LTPS-NODIM-100277VAC-CV-24V-96W-HW-DRBX	96W	N/A	No dimming	N/A	Hardwire	Hardwire	Dry, Damp, Wet	220 x 95 x 40mm	cULus	
		LTPS-CV-120-24-1000mA-24W-PG	24W				Plug-in	DC plug	Dry	61.4 x 37.4 x 29.4mm	cETLus	
		LTPS-CV-120-24-2500mA-60W-PG	60W				Plug-in	DC plug	Dry	116.5 x 51.7 x 35mm	cETLus	
		LTPS-CV-120-24-4A-96W-BK-PG	96W				Plug-in	DC plug	Dry	154 x 62 x 38mm	cULus	
PPH	Single Color Warm Dim	MINI-60W-120V-24V-PH-DRBX-BK	60W	N/A	ELV MLV TRIAC	0% - 100%	Enclosed	Enclosed	Dry, Damp, Wet	127 x 82 x 41.8mm	cULus	
		MINI-96W-120V-24V-PH-DRBX-BK	96W				Enclosed	Enclosed	Dry, Damp, Wet	127 x 82 x 41.8mm	cULus	
P5i1	Single Color WarmDim	LTE-30W-UNV-24VAO-PH010-BK	30W	N/A	ELV MLV TRIAC 0-10V 1-10V	0.1% - 100%	Enclosed	Enclosed	Dry, Damp, Wet	170.5 x 116.5 x 42mm	cULus	
		LTE-60W-UNV-24VAO-PH010-BK	60W				Enclosed	Enclosed	Dry, Damp, Wet	196.5 x 103.4 x 40mm	cULus	
		LTE-96W-UNV-24VAO-PH010-BK	96W				Enclosed	Enclosed	Dry, Damp, Wet	196.5 x 103.4 x 40mm	cULus	
		LTE-192W-UNV-24VAO-PH010-BK	192W				Enclosed	Enclosed	Dry, Damp, Wet	232 x 116 x 40mm	cULus	
		LTE-288W-UNV-24VAO-PH010-BK	288W				Enclosed	Enclosed	Dry, Damp, Wet	275 x 116 x 40mm	cULus	
PDMX	Single Color WarmDim RGB RGBW	LTX-100W-UNV-24VAO-DMX-3-BK	100W	3 Channels	DMX	0.1% - 100%	Enclosed	Enclosed	Dry, Damp, Wet	241 x 125 x 42.7mm	cULus	
		LTX-100W-UNV-24VAO-DMX-5-BK	100W	5 Channels			Enclosed	Enclosed	Dry, Damp, Wet	241 x 125 x 42.7mm	cULus	

A Class 2 LED driver is designed to deliver a limited amount of electrical power to LED lighting fixtures. It refers to a set of safety standards established by the Canadian Electric Code (CEC) and the National Electrical Code (NEC), which governs the use of low-voltage power sources in buildings.
Class 2 LED drivers are important because they provide a safe and reliable power source for LED lighting systems. These drivers are designed to limit the amount of electrical current and voltage that is delivered to the LED fixtures, which helps to prevent electrical shock hazards and minimize the risk of fire or other electrical hazards.
Additionally, Class 2 LED drivers are typically more energy-efficient than other types of power supplies, which can help to reduce energy consumption and lower operating costs for LED lighting systems.

info@lumentruss.com / www.lumentruss.com / 1-855-384-3384