1200 PROFILE

Scale 1:1

0.74 [18.7]

0.49 [12.5]

Scale 1:1

LINEAR WEIGHT	MAXIMUM LED STRIP WIDTH	
0.099 lbs / ft	DRY: 9 / 16 "	DAMP: 3 / 8 "
0.148 kg / m	DRY: 14 mm	DAMP: 10 mm

*Extrusion only

LED TAPE COMPATIBILITY

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

warmdim	tunable white	rgb	rgbw

CHANNEL COLOR OPTIONS

aluminum anodized	black anodized	white painted	custom RAL color

MOUNTING

surface	swivel	millwork	corner

LOCATION RATING

dry	damp	wet

OTHER OPTIONS

dot-free | motion sensor

UL E491159 (c UL us) | UL E491159 (c UL us) | 5 YEARS WARRANTY | MADE IN NORTH AMERICA | LOW CARBON FOOTPRINT | DAMP RATED | CLOSET RATED
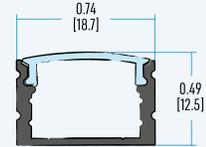
The 1200 series is a rectangular and flangeless profile designed to meet the daily needs of linear accent lighting. The 1200 series offers a wide selection of lenses, mounting options, and LED platforms to choose from for a beautifully finished luminaire with end caps.

PRODUCT FEATURES

- Motion sensor ready for static white and warm dim options
- Recess into millwork using standard woodworking tools for a 0.75 in. (19 mm) groove
- Stainless steel mounting hardware for integration into most surfaces
- Custom lengths with precision to $\frac{1}{16}$ (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
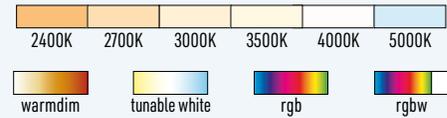- UL 2108 listed - Suitable for storage and closet areas

USEFUL LINKS

MAXIMUM LED RUN CHART PER DRIVER

VOLTAGE DROP CHART

INSTALLATION SHEET

BULK PARTS LIST

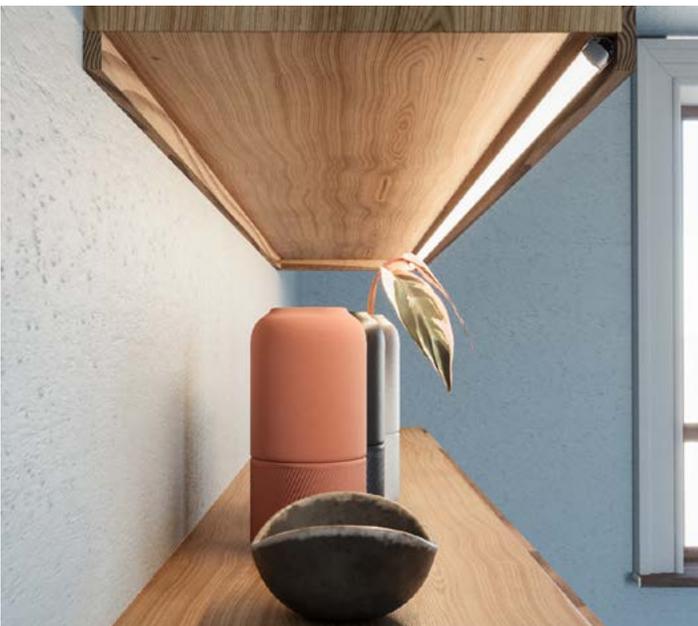IES FILES

SURFACE INDIRECT
Create a glow or accent on the ceiling above cabinets.

Code e.g.: CA1200-**MCF**-DRS-LP300-K35-AID-FH6-WSE-QO48 PND

RECESSED IN MILLWORK
Use here in a toe kick the channel is designed to fit in a 0.75 in. groove for a clean flangeless look within the millwork.

Code e.g.: CA1201-**M3M**-DXS-LP200-K30-AIW-FH9-WSB-QO36 PPH

UNDER SHELF 45° ANGLE
Mount the channel behind a valence at a 45 degree angle to keep it and the light source hidden from direct view.

Code e.g.: CA1200-**MC3**-DRS-LE150-K27-AID-FH6-WSB-QE60 PO10
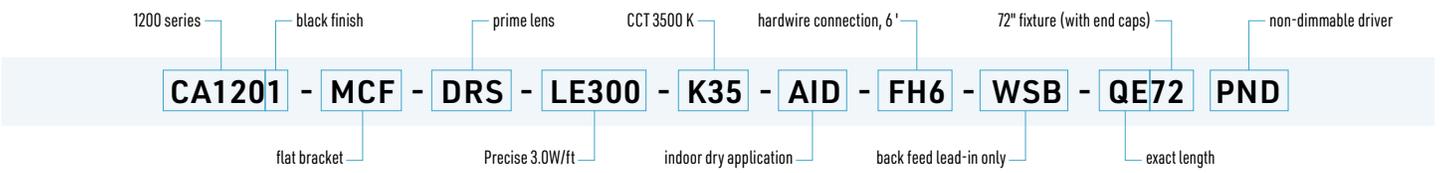

COVE AND ACCENT
Mounted within our pre-fabricated Gypsum Cove sreies (Nidus in this image) for seamless and easy cove installation (to be ordered separately).
Refer to the spec sheets: Apsis, Geminus, Latus, Nidus*, Sulcus.

Code e.g.: CA1202-**MCF**-DXS-LT300-K35-AID-FH9-WSB-QE72 P5i1

lumentruss

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	12 Accessories
–	–	–	–	–	–	–	–	–	–	–	

1 — PROFILE & FINISH

CA1200 - Anodized aluminum finish
CA1201 - Anodized black finish
CA1202 - White
CA120X - 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
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
LP750** - 7.0 W/ft - >550 lm/ft

PRECISE
LE150* - 1.5 W/ft - >150 lm/ft
LE300 - 3.0 W/ft - >300 lm/ft
LE600 - 5.5 W/ft - >600 lm/ft

NEAT
LT150†* - 2.0 W/ft - >150 lm/ft
LT300† - 3.0 W/ft - >300 lm/ft

PEAK
LK900† - 7.5 W/ft - >900 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 (LP750 only)

*LE150 and LT150 are only available in K27 and K30

6 — APPLICATION

AID - Indoor dry locations
AIW - Indoor wet locations

For wet location applications, LED strip will be put inside a waterproof silicone sheath.

†AIW option is not available for this selection

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).
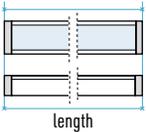
length

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
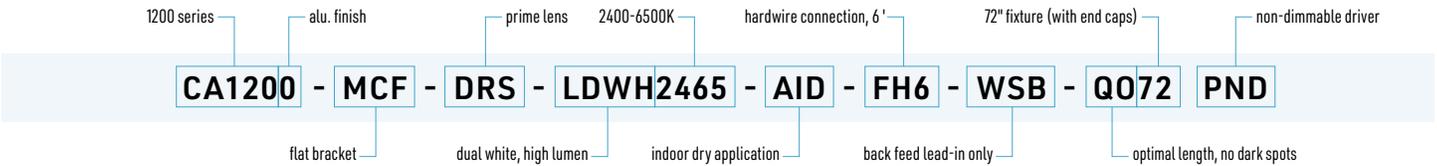**PDMX** - DMX driver
PNO - No driver

1200 series	black finish	prime lens	CCT 3500 K	hardwire connection, 6 '	72" fixture (with end caps)	non-dimmable driver

CA1201 - **MCF** - **DRS** - **LE300** - **K35** - **AID** - **FH6** - **WSB** - **QE72** **PND**

flat bracket	Precise 3.0W/ft	indoor dry application	back feed lead-in only	exact length

---

ACCESSORIES (OPTIONAL)

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

ACCESSORIES (OPTIONAL)

MOTION SENSORS*	Quantity	Note
SI05 - 30 sec., embedded		*All sensors are for dry location applications and are only compatible with non-dimmable drivers (PND)
SE05 - 30 sec., external		
SI4 - 4 min., embedded		
SE4 - 4 min., external		
SIP - proximity motion sensor		

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	12 Accessories
–		–		–		–		–	–		

1 — PROFILE & FINISH

CA1200 - Anodized aluminum finish

CA1201 - Anodized black finish

CA1202 - White

CA120X - 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

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

AIW - Indoor wet locations

For wet location applications, LED strip will be put inside a waterproof silicone sheath.

**†AIW option is not available for this selection**

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).

length

11 — DRIVER TYPE / SENSOR

PND - Non-dimmable

PDMX - DMX driver

PNO - No driver

12 — GYPSUM COVES, 8ft

CGAP - Apsis

CGLA - Latus

CGNI - Nidus

CGSU - Sulcus

1200 series	alu. finish		prime lens	2400-6500K	hardwire connection, 6 '		72" fixture (with end caps)		non-dimmable driver

CA1200 - **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	

PROFILE

1200

0.74
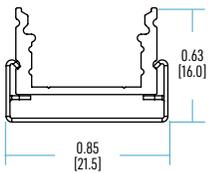[18.7]

0.45
[11.5]

END CAPS

REGULAR

0.74
[18.7]

0.14
[3.5]

0.45
[11.5]

0.49
[12.5]
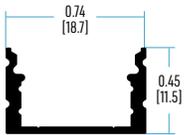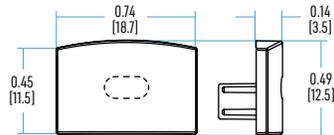
2 - MOUNTING HARDWARE DIMENSIONS

CLIP-IN BRACKETS (stainless steel)

MCF - FLAT BRACKET

0.85
[21.5]

0.98
[25.0]

0.33
[8.3]

0.14
[3.5]

0.63
[16.0]

0.85
[21.5]

MC3 - 45° CORNER BRACKET

0.88
[22.3]

0.98
[25.0]

0.62
[15.6]

0.45
[11.3]

0.93
[23.5]

0.93
[23.5]

MC8 - SWIVEL 180° BRACKET

0.79
[20.0]

0.92
[23.3]

1.27
[32.0]

1.22
[31.0]

0.96
[24.3]

1.27
[32.0]
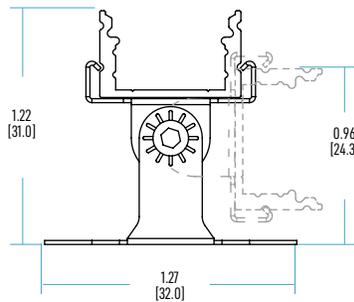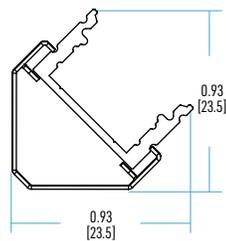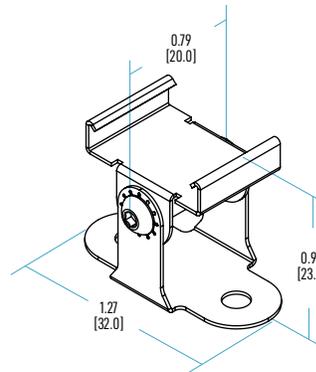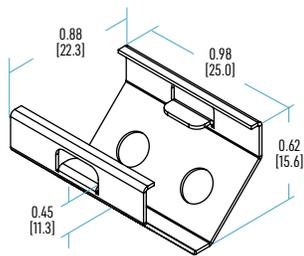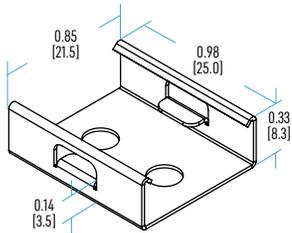
LED TAPE AND OPTICS CHART
@ FULL LIGHT OUTPUT

	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	DOT-FREE
	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+*	-	-	-	VISIBLE DOTS
Available in IP68 option (silicone sleeve)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	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	
Closet Rated	🪝	🪝	🪝	🪝	X	🪝	🪝	🪝	🪝	🪝	🪝	🪝	
Compatible with water-proof sheath	💧	💧	💧	💧	💧	💧	💧	💧	💧	💧	💧	X	
Spec sheet	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	

LENS	BEAM						*At higher CCT value		*At higher CCT value				Tested with LP450
DBS - black Disappears on dark surfaces when turned off.	86°	59 lm/ft	89 lm/ft	144 lm/ft	207 lm/ft	337 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	98 cd
DSS - silens No dots, suitable for direct view, and a continuous lens up to 10M (33ft).	113°	64 lm/ft	100 lm/ft	156 lm/ft	217 lm/ft	370 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	73 cd
DOS - opal No dots, and suitable for direct view.	114°	74 lm/ft	117 lm/ft	179 lm/ft	259 lm/ft	421 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	88 cd
DRS - prime Best light output for direct view with higher lumen packages.	104°	100 lm/ft	158 lm/ft	239 lm/ft	342 lm/ft	559 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	127 cd
DXS - optiflex Eliminates shadows, best light output for indirect view.	90°	116 lm/ft	183 lm/ft	281 lm/ft	389 lm/ft	649 lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	xx lm/ft	rgb	rgb	xx lm/ft	173 cd
DCS - clear The highest light output for indirect view.	106°	136 lm/ft	213 lm/ft	326 lm/ft	448 lm/ft	745 lm/ft	<192 lm/ft	<202 lm/ft	<260 lm/ft	<427 lm/ft	rgb	rgb	107 lm/ft	181 cd

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**

LUMINOSITY CALCULATION EXAMPLE:

According to the above table **LP750** lumen package with **DRS** (prime) lens for CCT **4000K** has luminosity of 559 lm/ft
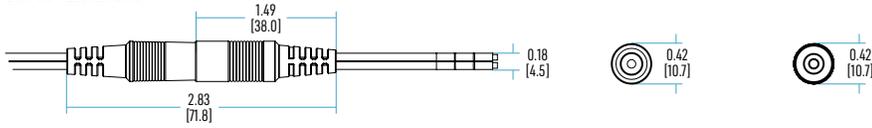at CCT **3000K** lumen output is **559 lm/ft * 0.95 = 531 lm/ft**
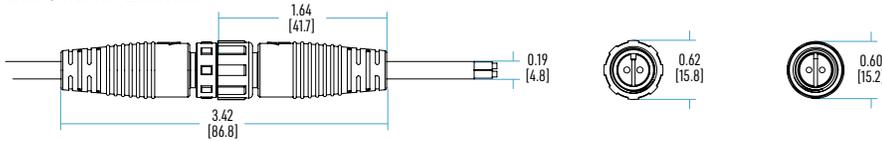
IES FILES

for other CCTs peak candella

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

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

DRY APPLICATIONS

1.49 [38.0]
2.83 [71.8]
0.18 [4.5]
0.42 [10.7]
0.42 [10.7]

DAMP / WET APPLICATIONS

1.64 [41.7]
3.42 [86.8]
0.19 [4.8]
0.62 [15.8]
0.60 [15.2]

FH3 / FH6 / FH9 / FHX - HARDWIRE

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

Static white / Warmdim TEW 22 AWG
0.19 [4.8] — 0.09 [2.4]

Tunable White
0.21 [5.3] — 0.07 [1.7]

Static white / Warmdim TR64 22 AWG
0.13 [3.3] — 0.06 [1.6]

RGB
0.25 [6.3] — 0.06 [1.6]

Static white / Warmdim IP68 (FT4)
0.20 [5.2] — 0.20 [5.2]

RGBW
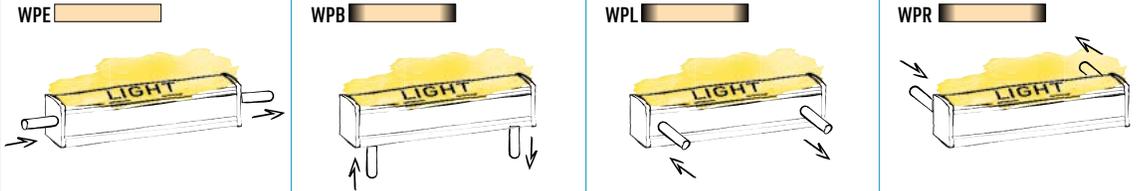0.17 [4.3] — 0.17 [4.3]

8 - INPUT / OUTPUT

1200 SIMPLE LEAD (ONE SIDE)

WSE - End feed (no dark spots)
WSB - Back feed (dark spots)
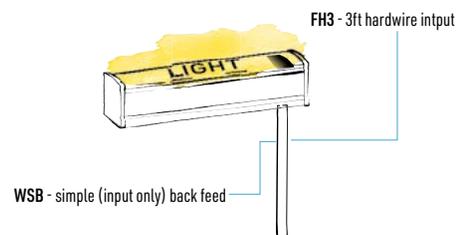**WSL** - Side feed 1 (dark spots)
WSR - Side feed 2 (dark spots)
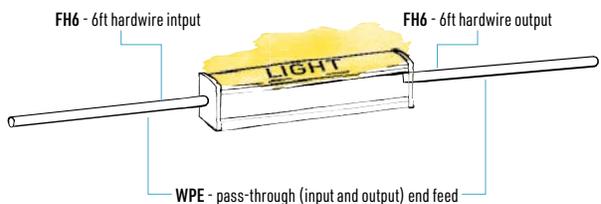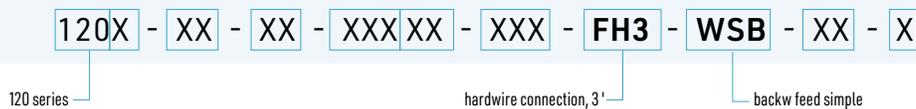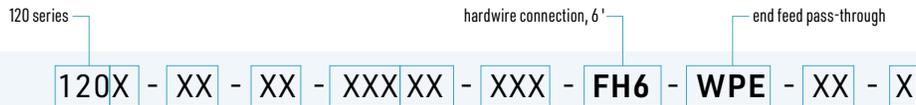
WSE

WSB

WSL

WSR
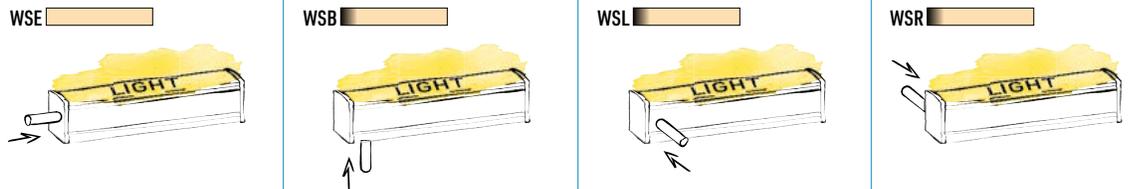
1200 PASS-THROUGH (TWO SIDES)

WPE - End feed (no dark spots)
WPB - Back feed (dark spots)
WPL - Side feed 1 (dark spots)
WPR - Side feed 2 (dark spots)

WPE

WPB

WPL

WPR

ORDERING CODE EXAMPLES

120 series | hardwire connection, 6 ' | end feed pass-through

120X - XX - XX - XXXXX - XXX - **FH6** - **WPE** - XX - X

120X - XX - XX - XXXXX - XXX - **FH3** - **WSB** - XX - X

120 series | hardwire connection, 3 ' | backw feed simple

FH6 - 6ft hardwire intput
FH6 - 6ft hardwire output
WPE - pass-through (input and output) end feed

FH3 - 3ft hardwire intput
WSB - simple (input only) back feed
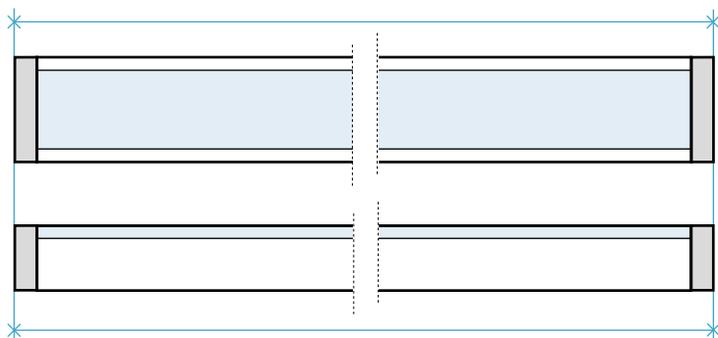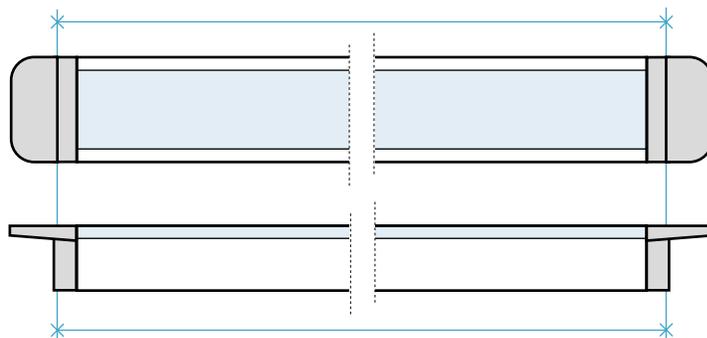
9   LONGUEUR EXACTE / OPTIMALE

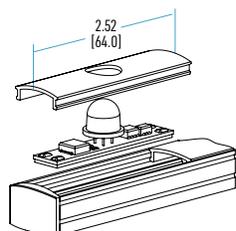**La longueur de commande inclut l'épaisseur des embouts et exclut les rebords (le cas échéant).**

Longueur de commande pour un luminaire avec embouts sans rebord

Longueur de commande pour un luminaire avec embouts à rebord

11   - CAPTEURS DE MOUVEMENT

SI05 / SI4 / SIP - INTERIEUR

2.52
[64.0]

- Tous les détecteurs de mouvement ne peuvent être utilisésavec des blocs d'alimentation non graduables
- 72W / 24V
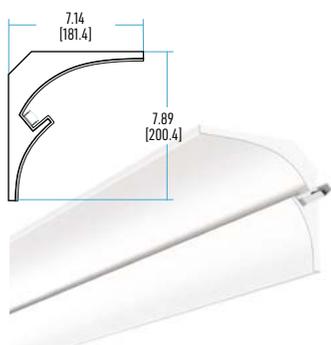- Pour les applications intérieures sèches

LUMENSENS

MOTION SENSOR

30 sec. and 4 min. options.
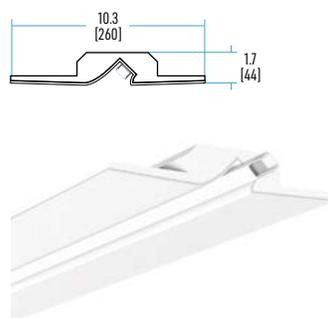Compatible with 1200, 1300, 1400, 1500, 1650 & 1690.

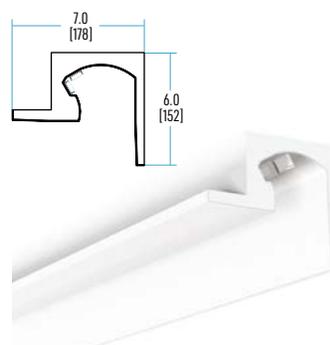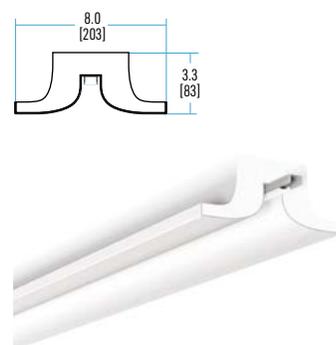## 12   CORNICHES DE GYPSE - MOULES DE CLOISON SÈCHE

APSIS

7.14
[181.4]

7.89
[200.4]

LATUS

10.3
[260]

1.7
[44]

NIDUS

7.0
[178]

6.0
[152]

SULCUS

8.0
[203]

3.3
[83]

CLASS 2 POWER SUPPLIES 24V

Class 2 CE FC ✔RoHS 2002/95/EC

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-24VA0-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-24VA0-PH010-BK	60W				Enclosed	Enclosed	Dry, Damp, Wet	196.5 x 103.4 x 40mm	cULus	
		LTE-96W-UNV-24VA0-PH010-BK	96W				Enclosed	Enclosed	Dry, Damp, Wet	196.5 x 103.4 x 40mm	cULus	
		LTE-192W-UNV-24VA0-PH010-BK	192W				Enclosed	Enclosed	Dry, Damp, Wet	232 x 116 x 40mm	cULus	
		LTE-288W-UNV-24VA0-PH010-BK	288W				Enclosed	Enclosed	Dry, Damp, Wet	275 x 116 x 40mm	cULus	
PDMX	Single Color WarmDim RGB RGBW	LTX-100W-UNV-24VA0-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-24VA0-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.