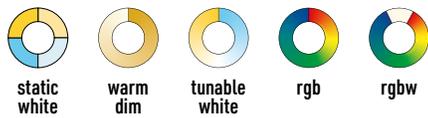


DIMENSIONS		LINEAR WEIGHT	MAX. LED STRIP WIDTH	
W: 1.03 "	H: 0.45 "	0.115 lbs / ft	IP22: 9 / 16 "	IP68: 3 / 8 "
W: 26.2 mm	H: 11.5 mm	0.171 kg / m	IP22: 14 mm	IP68: 10 mm

LED TAPE COLOR OPTIONS



PROFILE COLOR OPTIONS



MOUNTING



APPLICATIONS



OTHER OPTIONS



The 1300 profile is designed for recessed linear lighting applications. The 1300 profile offers a wide selection of lenses, light outputs, and color options to produce a uniform linear light housed within a channel of extruded aluminum. The flanged edges of the extrusion add a decorative trim for a discreet and clean recessed appearance.

PRODUCT FEATURES

Made of ALCOA 6063-T5 aluminum alloy increasing heat dissipation

Custom length by sections of 2 to 240 inches

Flanged edges for a recessed installation in a 19mm (3/4-inch) groove

Application guide for 10mm (3/8-inch) LED strip tape or less for easier installation

Designed to give a uniform light without hot spots with an opal or silicone lens

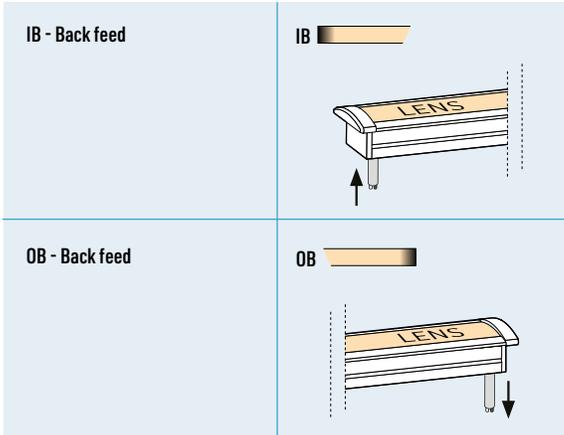
Motion sensor ready as a convenient add-on

Suitable for dry, damp or wet indoor locations

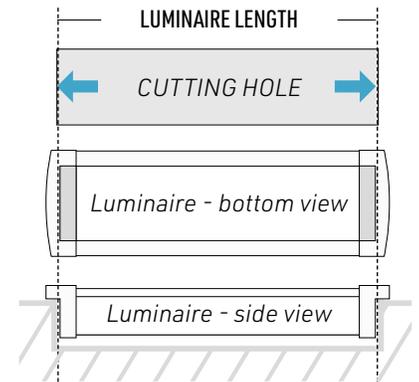
Designed to meet North American woodworking standards

Conforms to UL STD. 2108 - Suitable for installation for storage area of clothes closet





Use this diagram to correctly calculate the length.



PROFILE	OPTICS	MOUNTING HARDWARE	WIREWAY LEAD-IN	WIREWAY LEAD-OUT	MOTION SENSORS*	LENGTH
<ul style="list-style-type: none"> 1300 - 1300 Profile, alu 1301 - 1300 Profile, black 1302 - 1300 Profile, white 130X - 1300 Profile, custom Provide RAL color № 	<ul style="list-style-type: none"> CL - Clear lens OX - Optiflex lens OP - Opal lens PR - Prime lens BK - Black lens SIL - Silens LNO - No lens 	<ul style="list-style-type: none"> FL - Flat bracket 3M - Mounting tape, double face MNO - No mounting hardware 	<ul style="list-style-type: none"> IB - Back feed 	<ul style="list-style-type: none"> OB - Back feed ONO - No lead out 	<ul style="list-style-type: none"> SEN1 - 30 sec., embedded SEN2 - 30 sec., outside SEN3 - 4 min., embedded SEN4 - 4 min., outside SEN5 - Intergrated proximityhand motion sensor SNO - No sensor 	<ul style="list-style-type: none"> Overall length of the assembly.

* All motion sensors can only be used with non-dimmable power supplies
 - Max 36W / 12V or 72W / 24V
 - Compatible with indoor dry applications only

PROFILE COLOR OPTICS MOUNTING HARDWARE INPUT WIRE POSITION OUTPUT WIRE POSITION MOTION SENSOR LENGTH

CCT	LUMEN PACKAGE	USAGE	POWER FEED	POWER SUPPLY	CONTROLLER
STATIC WHITE AND WARM DIM LED TAPE OPTIONS (See <i>Delivered Lumens</i> table in OPTICS section for details).					
<ul style="list-style-type: none"> 24 - 2400K 27 - 2700K 30 - 3000K 35 - 3500K 42 - 4200K 53 - 5300K (LHP only) 62 - 6200K (LP only) 	<ul style="list-style-type: none"> LP1 - 1.5 W/ft LP2 - 3.0 W/ft LP3 - 4.4 W/ft LP4 - 5.8 W/ft LHP - 7.0 W/ft 	<ul style="list-style-type: none"> I - Indoor dry location D - Indoor damp / wet location 	<ul style="list-style-type: none"> HW3 - Hardwire 3 ft HW6 - Hardwire 6 ft HW9 - Hardwire 9 ft HWX - Hardwire custom ft DC3 - DC plug 3 ft DC6 - DC plug 6 ft DC9 - DC plug 9 ft DCX - DC plug custom, ft 	<ul style="list-style-type: none"> A - Non-dimming E - Non-dimming DC plug-in B - ELV dimming 120VAC C - ELV dimming 120/277 VAC (Only available in 96W - 24V driver) D - 0/10V dimming 120/277 VAC G - Lutron - HI-LUME PREMIER 0,1% Eco System 24W/96W DNO - No driver 	<ul style="list-style-type: none"> F - DMX K - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC I - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC CNO - No controller
<ul style="list-style-type: none"> WD1 - 2200-2900K - 4.4 W/ft WD3 - 2700-3500K - 4.4 W/ft WD4 - 2200-3200K - 4.4 W/ft 	Lumen Package selection is not available for WD color options.				

CCT	LUMEN PACKAGE	USAGE	POWER FEED	POWER SUPPLY	CONTROLLER
RGB AND TUNABLE WHITE LED TAPE OPTIONS (See <i>Delivered Lumens</i> table in OPTICS section for details).					
<ul style="list-style-type: none"> TW1 - Tun. White - 3.5 W/ft TW2 - Tun. White - 5.8 W/ft RGB1 - RGB - 4.4 W/ft RGB2 - RGB - 5.8 W/ft RGBW2 - 3000K 4in1 - 4.4 W/ft 	<ul style="list-style-type: none"> N/A - Not available with TW and RGB options 	<ul style="list-style-type: none"> I - Indoor dry location D - Indoor damp / wet location 	<ul style="list-style-type: none"> HW3 - Hardwire 3 ft HW6 - Hardwire 6 ft HW9 - Hardwire 9 ft HWX - Hardwire custom ft 	<ul style="list-style-type: none"> A - Non-dimming E - Non-dimming DC plug-in DNO - No driver 	<ul style="list-style-type: none"> F - DMX J - Casambi CBU-PWM4-4CH-Bluetooth 100/277VAC CNO - No controller

COLOR TEMPERATURE LUMEN PACKAGE USAGE POWER FEED POWER SUPPLY CONTROLLER



OPTICS AND HOTSPOTS CHART

@ FULL LIGHT OUTPUT

NO VISIBLE DOTS

VISIBLE DOTS



LUMEN PACKAGE	CL - CLEAR	OX - OPTIFLEX	PR - PRIME	OP - OPAL	SIL - SiLens	BK - BLACK
RGB1 / RGBW2						
LP1						
LP2 / WD1 / WD2 / TW1 / TW2 / RGB2						
LP3						
LP4 / LHP						

DELIVERED LUMENS PER LINEAR FOOT

@ FULL LIGHT OUTPUT / 4200K

89%	91%	95%	96%	100%	107%
2400K	2700K	3000K	3500K	4200K	6200K

LUMEN PACKAGE	CL - CLEAR	OX - OPTIFLEX	PR - PRIME	OP - OPAL	SIL - SiLens	BK - BLACK
LP1 - 1.5 W/ft	136	116	100	74	64	59
LP2 - 3.0 W/ft	213	183	158	117	100	89
LP3 - 4.4 W/ft	326	281	239	179	156	144
LP4 - 5.8 W/ft	448	389	342	259	217	207
LHP - 7.0 W/ft	745	649	559	421	370	337

LED TAPES

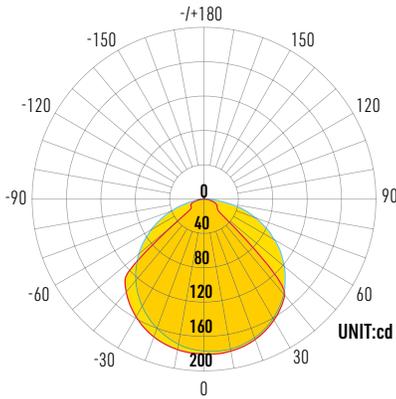


PARAMETERS	LP1	LP2	LP3	LP4	LHP	RGB1	RGB2	RGBW2	TW1	TW2	WD1	WD3	WD4
LED tape width, mm	8	8	8	10	10	10	10	12	10	10	10	10	10
LED tape increment, in	1.97	1.97	1.31	0.98	1.31	3.94	2.50	3.94	1.97	1.97	1.97	1.97	2.46
LED tape increment, mm	50	50	33	25	33	100	63	100	50	50	50	50	62.5
LEDs per meter	120	120	180	240	240	60	112	60	240	240	240	240	COB
Light output, Lm / ft*	137	234	335	488	668	-	-	107	260	427	<192	<202	<323
Efficacy, Lm / W*	91	81	76	84	95	-	-	24	74	74	<44	<46	
CRI 90+	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓
R9 60+	✓	✓	✓	✓	✓				✓**	✓**	✓**	✓**	✓**
Title24	✓	✓	✓	✓	✓								
Technical sheet	🔗												

*Average estimate value for 4200K strip without optics or extrusion **At higher CCT value



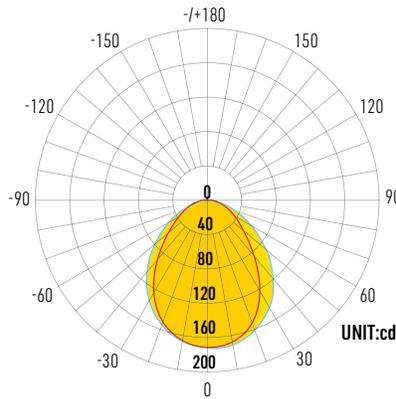
CL - CLEAR / NO LENS



AVERAGE BEAM ANGLE: 106 DEG

- CO / 180 181 cd
- C90 / 270 178 cd

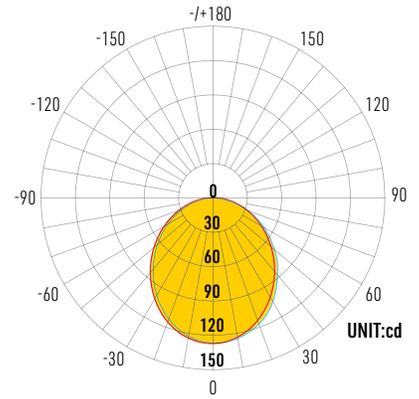
OX - OPTIFLEX LENS



AVERAGE BEAM ANGLE: 90 DEG

- CO / 180 171 cd
- C90 / 270 173 cd

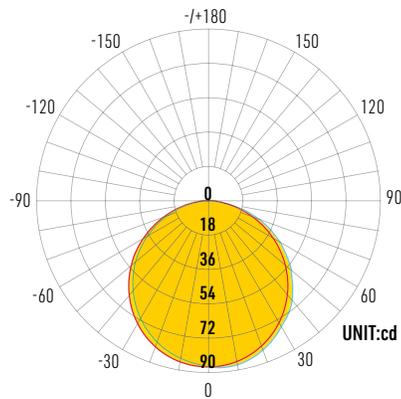
PR - PRIME LENS



AVERAGE BEAM ANGLE: 104 DEG

- CO / 180 127 cd
- C90 / 270 127 cd

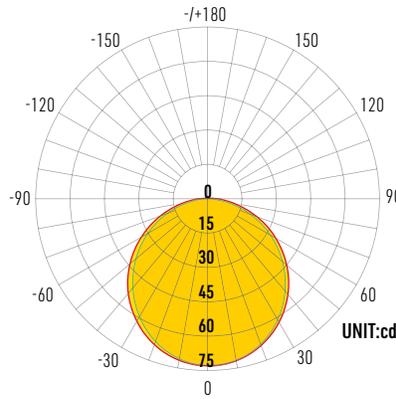
OP - OPAL LENS



AVERAGE BEAM ANGLE: 114 DEG

- CO / 180 87 cd
- C90 / 270 88 cd

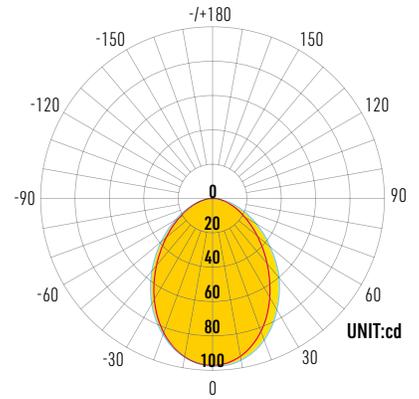
SIL - SILENS



AVERAGE BEAM ANGLE: 113 DEG

- CO / 180 73 cd
- C90 / 270 73 cd

BK - BLACK LENS



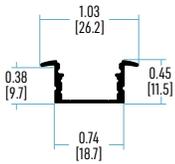
AVERAGE BEAM ANGLE: 86 DEG

- CO / 180 97 cd
- C90 / 270 98 cd



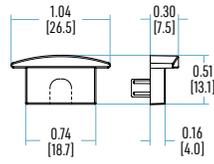
PROFILE

1300



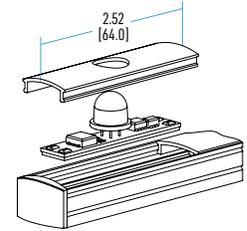
END CAPS

REGULAR



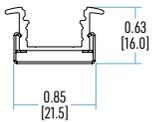
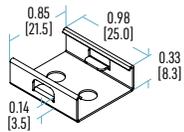
MOTION SENSOR

SENX - INTEGRATED



MOUNTING HARDWARE

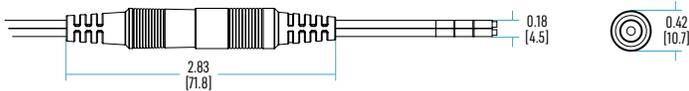
FL - FLAT BRACKET
(stainless steel)



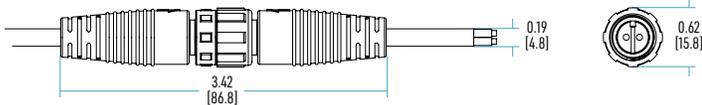
POWER FEED

DCX - DC CONNECTORS (2 pin static white LED tape only)

IP22 INDOOR APPLICATIONS



IP68 OUTDOOR APPLICATIONS



HWX - HARDWARE

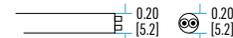
2PIN TEW 22 AWG



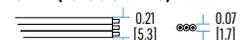
2 PIN TR64 22 AWG



2 PIN IP68 (FT4)



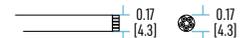
3 PIN (Tunable White)



4 PIN (RGB)



5 PIN (RGBW)



ORDERING CODE	POWER	DIMMING TYPE	RATING*	CERTIFICATIONS	APPLICATION	DIMENSIONS (L x W x H), in	DIMENSIONS (L x W x H), mm	DOC. LINK
A - Non-dimming, hardwire	96W	No dimming	Class2	CE, Class P, cULus, FCC, RoHS	Dry, Damp	8.66 x 3.74 x 1.57	220 x 95 x 40	Link
B - ELV dimming 120 VAC, hardwire	25W	ELV / MLV	Class2	ETL, FCC, RoHS	Dry, Damp	13.62 x 3.07 x 1.48	346 x 78 x 37.5	Link
B - ELV dimming 120 VAC, hardwire	50W	ELV / MLV	Class2	ETL, FCC, RoHS	Dry, Damp	13.62 x 3.07 x 1.48	346 x 78 x 37.5	Link
B - ELV dimming 120 VAC, hardwire	96W	ELV / MLV	Class2	ETL, FCC, RoHS	Dry, Damp, Wet	14.96 x 3.03 x 2.24	380 x 77 x 57	Link
C - ELV dimming 120/277 VAC, hardwire	96W	ELV / MLV	Class2	Class P, cULus, FCC, RoHS	Dry, Damp, Wet	8.66 x 3.66 x 1.61	220 x 93 x 41	Link
D - 0-10V dimming 120/277 VAC, hardwire	96W	0 - 10V	Class2	cULus, FCC, RoHS	Dry, Damp, Wet	8.66 x 3.66 x 1.61	220 x 93 x 41	Link
E - Non-dimming, DC plug	24W	No dimming	Class2	cULus, FCC, RoHS	Dry	2.42 x 1.47 x 1.16	61.4 x 37.4 x 29.4	Link
E - Non-dimming, DC plug	60W	No dimming	Class2	ETL, FCC, RoHS	Dry	4.59 x 2.04 x 1.38	116.5 x 51.7 x 35	Link
E - Non-dimming, DC plug	96W	No dimming	Class2	cULus, FCC, RoHS	Dry	6.06 x 2.44 x 1.50	154 x 62 x 38	Link
G - Lutron - HI-LUME PREMIER	96W	0 - 10V	Class2	cULus, FCC, RoHS	Dry	10.51 x 5.51 x 2.01	267 x 140 x 51	Link

*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.

4 - USEFUL LINKS

VOLTAGE DROP CHART



MAXIMUM LED RUN CHART PER DRIVER



WIRE GAUGE CHART



1300 PROFILE BULK PARTS LIST



1300 PROFILE INSTALLATION SHEET

