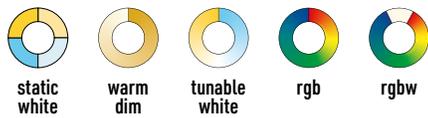




DIMENSIONS		LINEAR WEIGHT	MAX. LED STRIP WIDTH	
W: 0.74 "	H: 0.45 "	0.099 lbs / ft	IP22: 9 / 16 "	IP68: 3 / 8 "
W: 18.7 mm	H: 11.5 mm	0.148 kg / m	IP22: 14 mm	IP68: 10 mm

LED STRIP COLOR OPTIONS



CHANNEL COLOR OPTIONS



MOUNTING



APPLICATIONS



OTHER OPTIONS



The 1200 profile is designed to meet the daily needs of linear accent lighting. The 1200 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. This compact profile is surface mounted into coves, behind floating walls and ceilings, under cabinets, and in many other indirect applications.

PRODUCT FEATURES

Made of ALCOA 6063-T5 aluminum alloy increasing heat dissipation

Custom length by sections of 2 to 240 inches

Surface mounted with the use of stainless steel clips

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

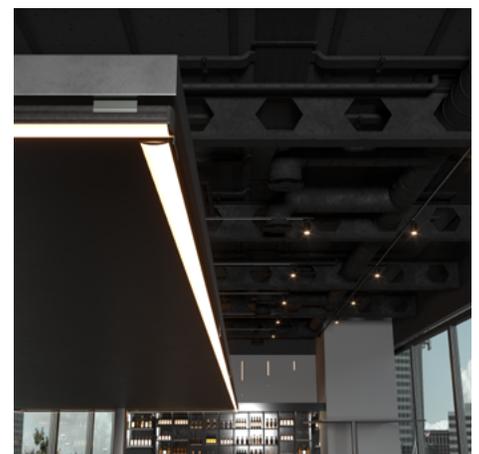
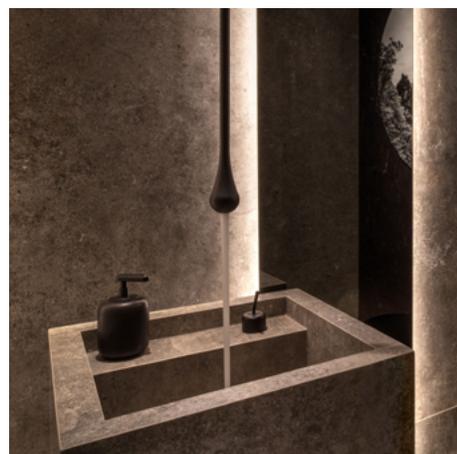
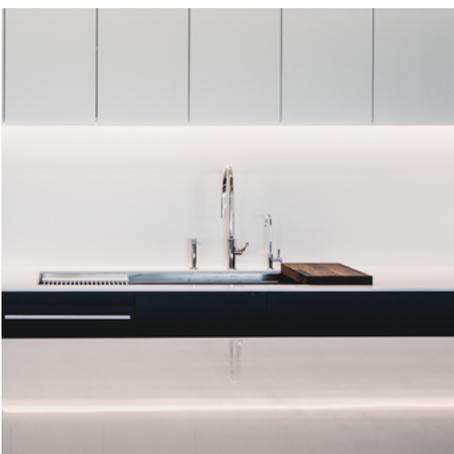
Designed to give a uniform light without hot spots with an opal or silicone lens

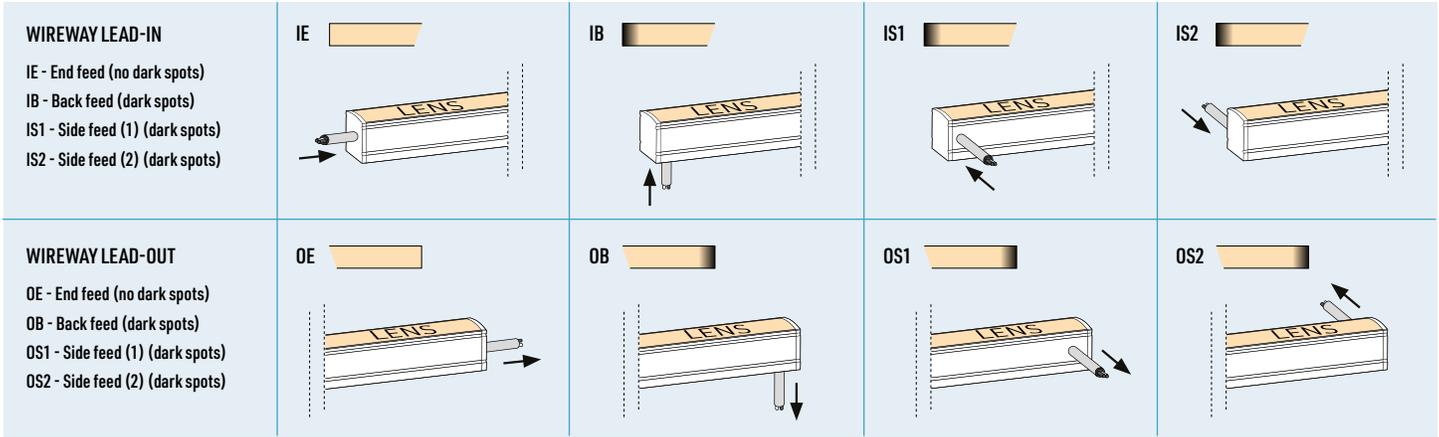
Motion sensor ready as a convenient add-on

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





PROFILE	LENSES	MOUNTING HARDWARE	WIREWAY LEAD-IN	WIREWAY LEAD-OUT	MOTION SENSORS*	LENGTH
1200 - 1200 Profile, alu	CL - Clear lens	FL - Flat bracket	IE - End feed	OE - End feed	SEN1 - 30 sec., embedded	Overall length of the assembly.
1201 - 1200 Profile, black	SP - Spread lens	45 - 45° Corner bracket	IB - Back feed	OB - Back feed	SEN2 - 30 sec., outside	
1202 - 1200 Profile, white	OX - Optiflex lens	SW - Swivel bracket 180°	IS1 - Side feed (side 1)	OS1 - Side feed (side 1)	SEN3 - 4 min., embedded	
120X - 1200 Profile, custom	OP - Opal lens	3M - Mounting tape, double face	IS2 - Side feed (side 2)	OS2 - Side feed (side 2)	SEN4 - 4 min., outside	
Provide RAL color Ne	PR - Prime lens	MNO - No mounting hardware		ONO - No lead out	SEN5 - Integrated proximity hand motion sensor	
	BK - Black lens				SN0 - No sensor	
	FO - Focus lens				* All motion sensors can only be used with non-dimmable power supplies - Max 36W / 12V or 72W / 24V - Compatible with indoor dry applications only	
	SIL - Silens					
	LNO - No lens					

PROFILE COLOR LENS 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 Delivered Lumens table in LENSES section for details).					
24 - 2400K	LP1 - 1.5 W/ft	I - Indoor dry location	HW3 - Hardwire 3 ft	A - Non-dimming	F - DMX
27 - 2700K	LP2 - 3.0 W/ft	D - Indoor damp / wet location	HW6 - Hardwire 6 ft	E - Non-dimming DC plug-in	
30 - 3000K	LP3 - 4.4 W/ft		HW9 - Hardwire 9 ft	B - ELV dimming 120VAC	K - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC
35 - 3500K	LP4 - 5.8 W/ft		HWX - Hardwire custom ft	C - ELV dimming 120/277 VAC (Only available in 96W - 24V driver)	
42 - 4200K	LHP - 7.0 W/ft		DC3 - DC plug 3 ft	D - 0/10V dimming 120/277 VAC	I - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC
53 - 5300K (LHP only)			DC6 - DC plug 6 ft	G - Lutron - HI-LUME PREMIER 0,1% Eco System 24W/96W	
62 - 6200K (LP only)			DC9 - DC plug 9 ft	DNO - No driver	CNO - No controller
WD1 - 2200-2900K - 4.4 W/ft	Lumen Package selection is not available for WD color options.		DCX - DC plug custom, ft		
WD3 - 2700-3500K - 4.4 W/ft					
WD4 - 2200-3200K - 4.4 W/ft					

CCT	LUMEN PACKAGE	USAGE	POWER FEED	POWER SUPPLY	CONTROLLER
RGB AND TUNABLE WHITE LED TAPE OPTIONS (See Delivered Lumens table in LENSES section for details).					
TW1 - Tun. White - 3.5 W/ft	N/A - Not available with TW and RGB options	I - Indoor dry location	HW3 - Hardwire 3 ft	A - Non-dimming	F - DMX
TW2 - Tun. White - 5.8 W/ft		D - Indoor damp / wet location	HW6 - Hardwire 6 ft	E - Non-dimming DC plug-in	J - Casambi CBU-PWM4-4CH-Bluetooth 100/277VAC
RGB1 - RGB - 4.4 W/ft			HW9 - Hardwire 9 ft	DNO - No driver	CNO - No controller
RGB2 - RGB - 5.8 W/ft			HWX - Hardwire custom ft		
RGBW2 - 3000K 4in1 - 4.4 W/ft					

COLOR TEMPERATURE LUMEN PACKAGE USAGE POWER FEED POWER SUPPLY CONTROLLER



LENSES AND HOTSPOTS CHART

@ FULL LIGHT OUTPUT

NO VISIBLE DOTS VISIBLE DOTS



LUMEN PACKAGE	CL - CLEAR	OX - OPTIFLEX	PR - PRIME	FO - FOCUS	SP - SPREAD	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	FO - FOCUS	SP - SPREAD	OP - OPAL	SIL - SiLens	BK - BLACK
LP1 - 1.5 W/ft	136	116	100	84	74	74	64	59
LP2 - 3.0 W/ft	213	183	158	147	142	117	100	89
LP3 - 4.4 W/ft	326	281	239	212	213	179	156	144
LP4 - 5.8 W/ft	448	389	342	353	322	259	217	207
LHP - 7.0 W/ft	745	649	559	465	444	421	370	337

LED TAPES

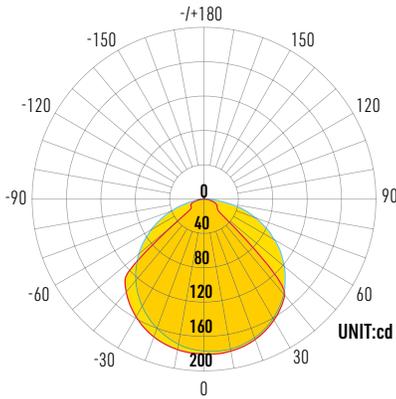


PARAMETERS	LP1	LP2	LP3	LP4	LHP	RGB1	RGB2	RGBW2	TW1	TW2	WD1	WD3	WD4
LED tape width, mm	8	8	8	10	10	10	10	12	10	10	10	10	10
LED tape increment, in	1.97	1.97	1.31	0.98	1.31	3.94	2.50	3.94	1.97	1.97	1.97	1.97	2.46
LED tape increment, mm	50	50	33	25	33	100	63	100	50	50	50	50	62.5
LEDs per meter	120	120	180	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



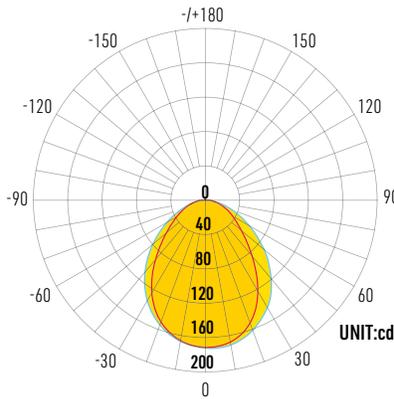
CL - CLEAR / NO LENS



AVERAGE BEAM ANGLE: 106 DEG

— CO / 180 181 cd
— C90 / 270 178 cd

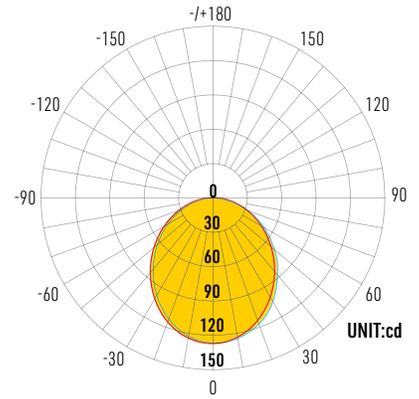
OX - OPTIFLEX LENS



AVERAGE BEAM ANGLE: 90 DEG

— CO / 180 171 cd
— C90 / 270 173 cd

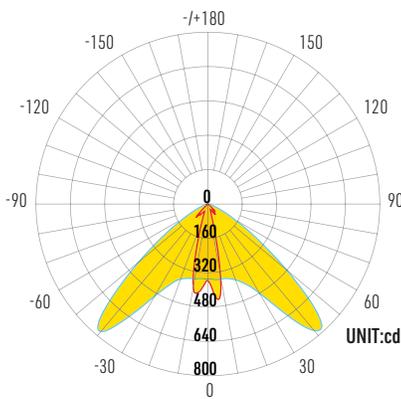
PR - PRIME LENS



AVERAGE BEAM ANGLE: 104 DEG

— CO / 180 127 cd
— C90 / 270 127 cd

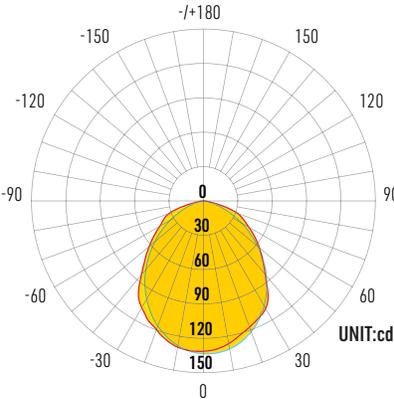
FO - FOCUS LENS



AVERAGE BEAM ANGLE: 55 DEG

— CO / 180 448 cd
— C90 / 270 350 cd

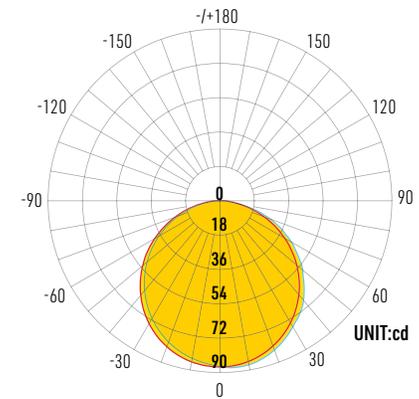
SP - SPREAD LENS



AVERAGE BEAM ANGLE: 98 DEG

— CO / 180 132 cd
— C90 / 270 133 cd

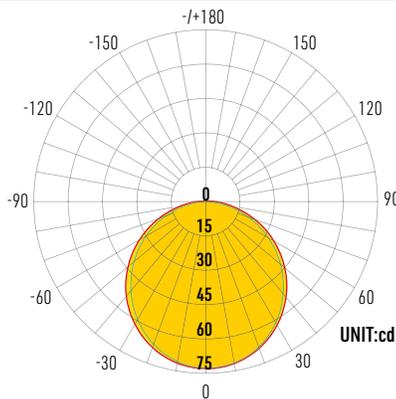
OP - OPAL LENS



AVERAGE BEAM ANGLE: 114 DEG

— CO / 180 87 cd
— C90 / 270 88 cd

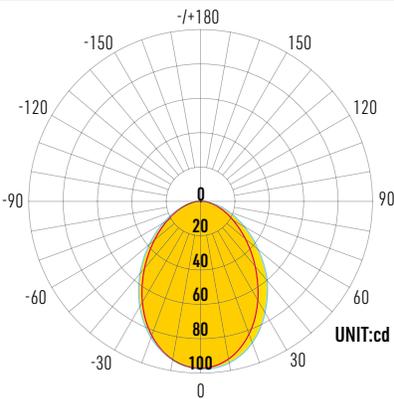
SIL - SILENS



AVERAGE BEAM ANGLE: 113 DEG

— CO / 180 73 cd
— C90 / 270 73 cd

BK - BLACK LENS



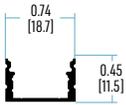
AVERAGE BEAM ANGLE: 86 DEG

— CO / 180 97 cd
— C90 / 270 98 cd



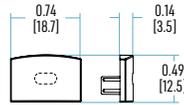
CHANNEL

1200

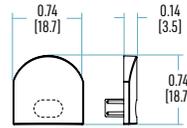


END CAPS

REGULAR

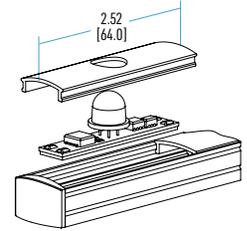


FOCUS



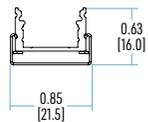
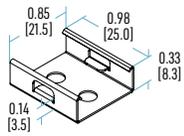
MOTION SENSOR

SENX - INTEGRATED

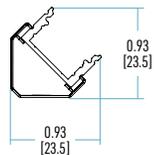
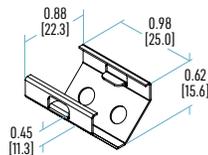


MOUNTING HARDWARE

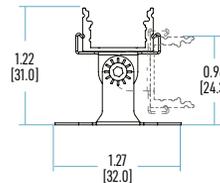
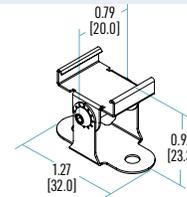
FL - FLAT BRACKET
(stainless steel)



45 - 45° CORNER BRACKET
(stainless steel)



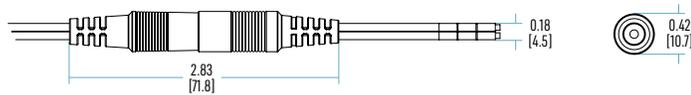
SW - SWIVEL 180° BRACKET
(stainless steel)



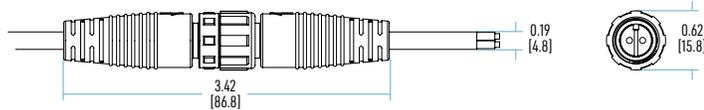
POWER FEED

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

IP22 INDOOR APPLICATIONS



IP68 OUTDOOR APPLICATIONS



HWX - HARDWIRE

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



1200 PROFILE BULK PARTS LIST



1200 PROFILE INSTALLATION SHEET

