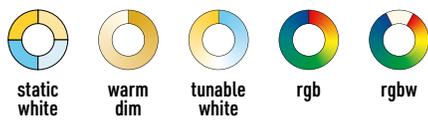
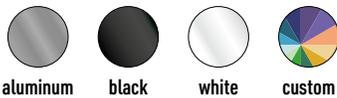


DIMENSIONS		LINEAR WEIGHT	MAX. LED STRIP WIDTH	
W: 1.34 "	H: 0.67 "	0.192 lbs / ft	IP22: 9 / 16 "	IP68: 3 / 8 "
W: 34.0 mm	H: 17.0 mm	0.286 kg / m	IP22: 14 mm	IP68: 10 mm

LED STRIP COLOR OPTIONS



PROFILE COLOR OPTIONS



MOUNTING



APPLICATIONS



OTHER OPTIONS



The 1500 profile is designed for recessed linear lighting applications. The support rail accommodates type B joiners to connect multiple sections and to go around corners and from wall to ceiling. The 1500 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 add a decorative trim and can be easily installed with a spring bracket.

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

A support rail at the back to connect sections with a type B joiner and for multiple installation methods (flat bracket, phantom bracket, magnetic kit, and spring 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

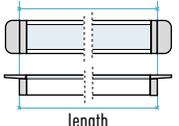
Designed to meet North American woodworking standards

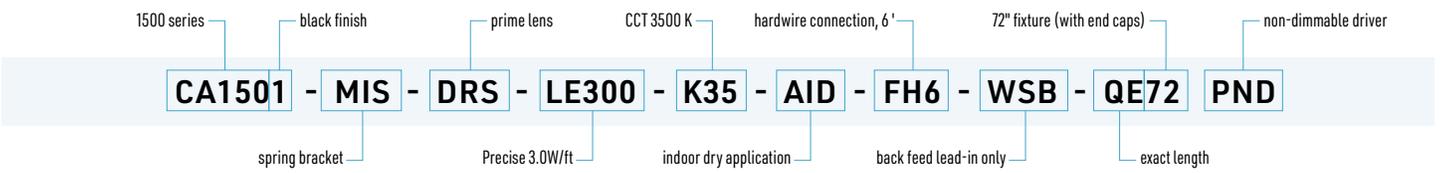
Conforms to UL STD. 2108 - Suitable for installation for storage area of clothes closet



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
-	-	-	-	-	-	-	-	-	-	-

1 PROFILE & FINISH CA1500 - Anodized aluminum finish CA1501 - Anodized black finish CA150W - White (special order) CA150X - Custom color provide RAL #	2 MOUNTING MCO - Phantom bracket MIG - Magnet MIS - Spring bracket 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	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
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					

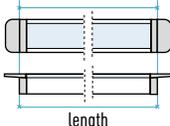
7 POWER FEED FH3 - Hardwire, 3ft wire FH6 - Hardwire, 6ft wire FH9 - Hardwire, 9ft wire FHX - Hardwire, custom length wire FC3 - DC plug, 3ft wire FC6 - DC plug, 6ft wire FC9 - DC plug, 9ft wire FCX - DC plug, custom length wire	8 INPUT / OUTPUT WSB - Simple lead-in, back feed WPB - Pass-through, back 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 P511 - 5-in-1 (Phase / 0-10V) dimming PDAL - DALI compatible driver PDMX - DMX driver PNO - No driver
---	---	--	--	--

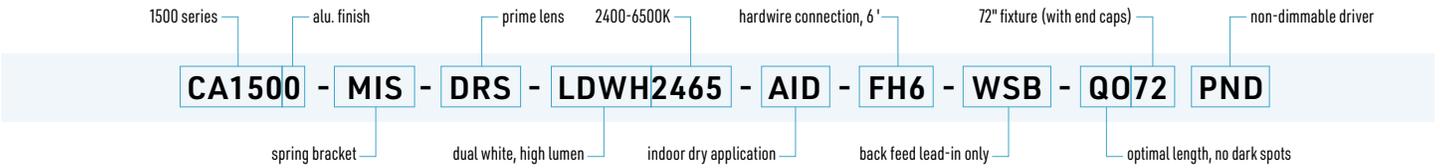


ACCESSORIES (OPTIONAL)		
MOTION SENSORS*	Quantity	Note
SI05 - 30 sec., embedded		*All sensors are for dry location applications and are only compatible with non-dimmable drivers (PND)
SE05 - 30 sec., external		
SI4 - 4 min., embedded		
SE4 - 4 min., external		
SIP - proximity motion sensor		

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
-	-	-	-	-	-	-	-	-	-	-

1 PROFILE & FINISH	2 MOUNTING	3 OPTICS	4 LUMEN PACKAGE	5 CCT	6 APPLICATION
CA1500 - Anodized aluminum finish CA1501 - Anodized black finish CA150W - White (special order) CA150X - Custom color provide RAL #	MCO - Phantom bracket MIG - Magnet MIS - Spring bracket MNO - No mounting	DCS - Clear lens DXS - Optiflex lens DOS - Opal lens DRS - Prime lens DBS - Black lens DSS - Silens DNO - No lens	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 LRGB30¹ - RGBW (3000K) 4 in 1 - 4.4 W/ft - 107 lm/ft	2400-6500K N/A RGB + 3000K	AID - Indoor dry locations AIW - Indoor wet locations For wet location applications, LED strip will be put inside a waterproof silicone sheath. ¹ AIW option is not available for this selection

7 POWER FEED	8 INPUT / OUTPUT	9 EXACT/OPTIMAL	10 LENGTH*	11 DRIVER TYPE / SENSOR
FH3 - Hardwire, 3ft wire FH6 - Hardwire, 6ft wire FH9 - Hardwire, 9ft wire FHX - Hardwire, custom length wire	WSB - Simple lead-in, back feed WPB - Pass-through, back feed	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.	Length of the luminaire in inches. <i>*Includes end caps, excludes flanges (when applicable).</i> 	PND - Non-dimmable PDMX - DMX driver PNO - No driver



OPTICS AND HOTSPOTS CHART

@ FULL LIGHT OUTPUT

NO VISIBLE DOTS

VISIBLE DOTS



LUMEN PACKAGE	DCS - CLEAR	DXS - OPTIFLEX	DRS - PRIME	DOS - OPAL	DSS - SiLens	DBS - BLACK
LRGBLD / LRGB30						
LP100						
LP200 / LWxxxx / LDWxxxx / LRGBMD						
LP300						
LP450 / LP750						

DELIVERED LUMENS PER LINEAR FOOT

@ FULL LIGHT OUTPUT / 4200K

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

LUMEN PACKAGE	DCS - CLEAR	DXS - OPTIFLEX	DRS - PRIME	DOS - OPAL	DSS - SiLens	DBS - BLACK
LP100 - 1.5 W/ft	136	116	100	74	64	59
LP200 - 3.0 W/ft	213	183	158	117	100	89
LP300 - 4.4 W/ft	326	281	239	179	156	144
LP450 - 5.8 W/ft	448	389	342	259	217	207
LP750 - 7.0 W/ft	745	649	559	421	370	337

LED TAPES

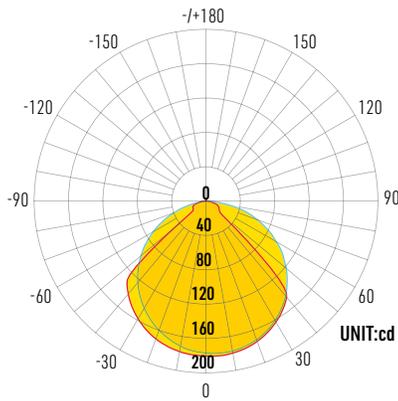


PARAMETERS	LP100	LP200	LP300	LP450	LP750	LRGBLD	LRGBMD	LRGB30	LDWM	LDWH	LW2229	LW2735	LWC2230
LED tape width, mm	8	8	8	10	10	10	10	12	10	10	10	10	10
LED tape increment, in	1.97	1.97	1.31	0.98	1.31	3.94	2.50	3.94	1.97	1.97	1.97	1.97	2.46
LED tape increment, mm	50	50	33	25	33	100	63	100	50	50	50	50	62.5
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



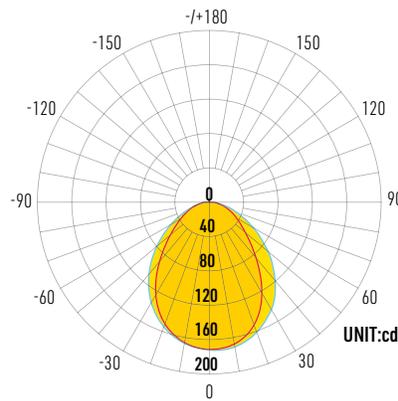
DCS - CLEAR / NO LENS



AVERAGE BEAM ANGLE: 106 DEG

— C0 / 180 181 cd
— C90 / 270 178 cd

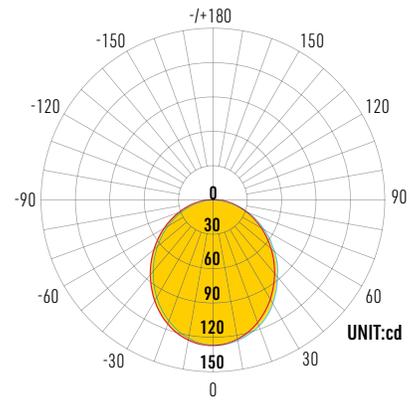
DXS - OPTIFLEX LENS



AVERAGE BEAM ANGLE: 90 DEG

— C0 / 180 171 cd
— C90 / 270 173 cd

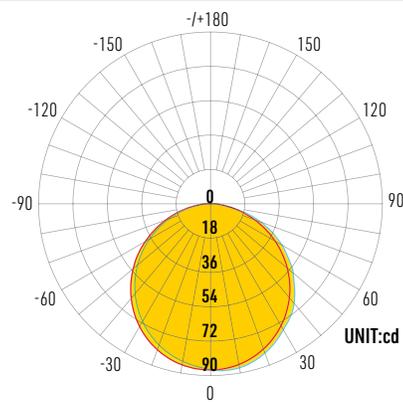
DRS - PRIME LENS



AVERAGE BEAM ANGLE: 104 DEG

— C0 / 180 127 cd
— C90 / 270 127 cd

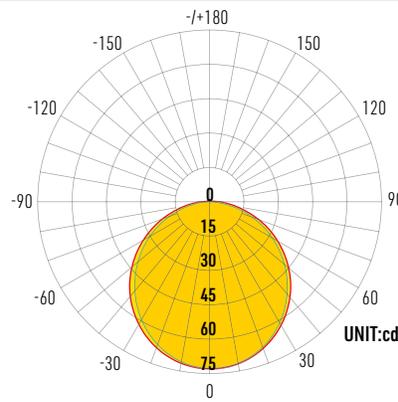
DOS - OPAL LENS



AVERAGE BEAM ANGLE: 114 DEG

— C0 / 180 87 cd
— C90 / 270 88 cd

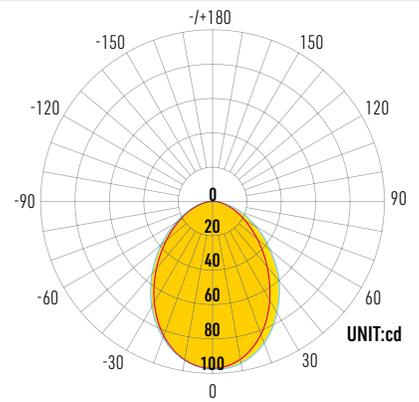
DSS - SILENS



AVERAGE BEAM ANGLE: 113 DEG

— C0 / 180 73 cd
— C90 / 270 73 cd

DBS - BLACK LENS



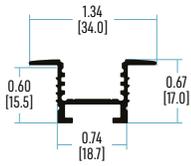
AVERAGE BEAM ANGLE: 86 DEG

— C0 / 180 97 cd
— C90 / 270 98 cd



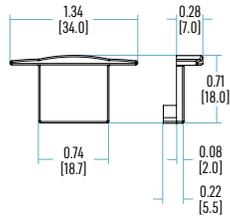
PROFILE

1500



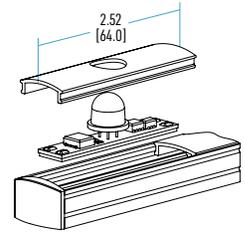
END CAPS

REGULAR



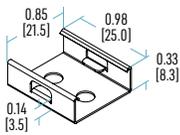
MOTION SENSOR

SENX - INTEGRATED

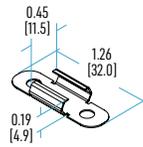


BRACKETS

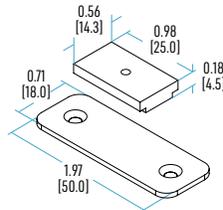
MC1 - FLAT BRACKET (stainless steel)



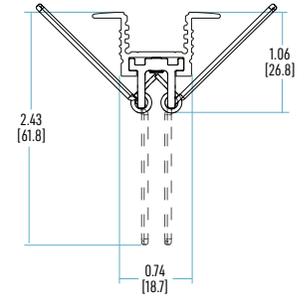
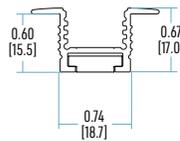
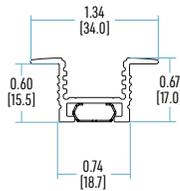
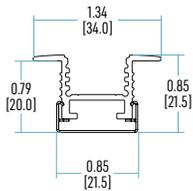
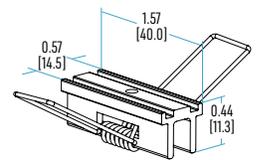
MCD - PHANTOM BRACKET (stainless steel)



MIG - MAGNETIC KIT (stainless steel)



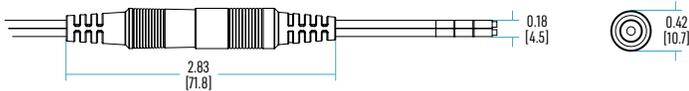
MIS - SPRING BRACKET (extruded aluminum)



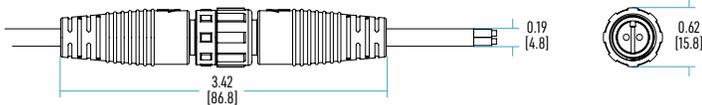
POWER FEED

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

IP22 INDOOR APPLICATIONS



IP68 OUTDOOR APPLICATIONS



FHX - HARDWARE

2PIN TEW 22 AWG



2 PIN TR64 22 AWG



2 PIN IP68 (FT4)



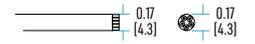
3 PIN (Tunable White)



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



1500 PROFILE INSTALLATION SHEET

