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LX SERIES

Cylinder Surface Mount Tunable White

ORDERING CODE

SERIES	LX	
TYPE	35	
LED	TW	tunable white (Luminus)

DELIVERED LUMENS	07LM	590 lm, CBCP 3,890
	10LM	670 lm, CBCP 3,130
	15LM	900 lm, CBCP 3,250
	20LM	1240 lm, CBCP 4,550

Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]
Standard Configuration: 3500K 30D lumens, CBCP narrow beam option

CCT

2765 — 2700K to 6500K tunable white

CCT	2700K	3000K	3500K	4000K	5000K	5700K	6500K
CCT MULTIPLIER FOR LUMEN OUTPUT	0.91	0.98	1.00	0.99	1.00	1.01	1.02
EML RATIO[4]	0.49	0.57	0.68	0.79	0.96	1.04	1.12

1840 — 1800K to 4000K tunable white

CCT	1800K	2000K	2400K	2700K	3000K	3500K	4000K
CCT MULTIPLIER FOR LUMEN OUTPUT	0.67	0.74	0.8	0.85	0.88	0.95	1.01
EML RATIO	0.21	0.33	0.46	0.53	0.59	0.67	0.73

CRI	95	95 CRI max at 3500K, 90 CRI at 6500K

REFLECTOR	15D[1]	15 degrees (1.00)
	20D	20 degrees (0.99)
	30D	30 degrees (1.00)
	40D	40 degrees (0.99)
	50D	50 degrees (0.92)
	LV[2]	LensVector dynamic beam control 15°- 60° (0.80)

VOLTAGE	UNV	120V-277V

DIMMING	CASZ	Casambi Bluetooth dim to zero
	DIM10Z[3]	0-10V dim to zero
	DMXZ	DMX dim to zero

MOUNTING OPTIONS	S	surface mount
	JCOV-S	conduit junction box cover with knockouts, surface

FINISH	BK	black
	WH	white

ACCESSORIES	See the last page for details.

BK

DESCRIPTION

- LX is a versatile series of performance spec-grade spots and cylinders. LX is rich in technology offering the best-in-class static and dynamic LED components, premium optics and dimming controls. Glare accessories and specialty optics are offered for all variations. Several Mounting options include nine track systems, monopoint spots and pendants, surface mount and conduit j-box cover with knockouts for open ceiling applications. It is offered in a fine detailed matte finish in black and white.

HOUSING

- Casted aluminum housing in textured: black and white.
- Consult factory for custom finishes.

MOUNTING

- Surface mount to recessed junction box.
- Surface mount to exposed junction box with JCOV mount.

LISTING

- CSAus Listed to 1598 (suitable for dry and damp locations)
- cCSA Listed to CSA C22.2 #9.0

LED INFO

- Luminus CTM (or equal) LED: SDCM = 4-step MacAdam Ellipse; Lumen Maintenance: L_{70} > 54,000 hrs

ORDERING CODE

Follow the steps to specify your fixture, example:
LX - 35 - TW - 20LM - 2765 - 95 - 20D - UNV - DIM10Z - S - WH

TW (LED)	POWER
DELIVERED LM	**W (95 CRI)**
590	15
670	13
900	19
1240	27

NOTES
1. 15D only available in 07LM.
2. LV available only in 07LM with CASZ or DMXZ. Length of fixture increases by 1/8".
3. Requires 2 wall controllers (see wiring diagram).
4. EML = equivalent melanopic lux. To calculate EML, multiply the measured photopic lux by the EML ratio for the given CCT. Example: 254 lux x 0.79 = 200 melanopic lux at 4000K.

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MOUNTING OPTIONS

4 3/4"

8 7/8"

Ø3 15/16"

Ø2 5/8"

SURFACE MOUNT

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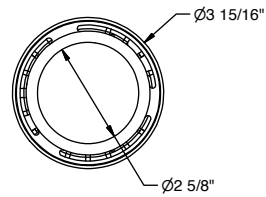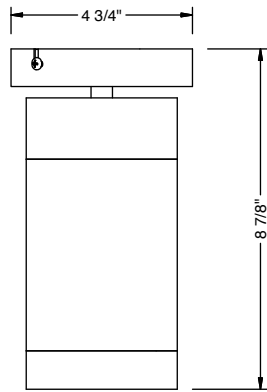
WIRING DIAGRAMS

"DIM10" HARDWIRED 0-10V CONTROL

120/277VAC
50/60Hz INPUT

LX Series
Tunable White

Light Intensity
0-10V INPUT #1

CCT
0-10V INPUT #2

STANDARD 0-10V SWITCHES

(provided by others)

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ACCESSORIES

Accessories Ordering Codes[1,2,3]
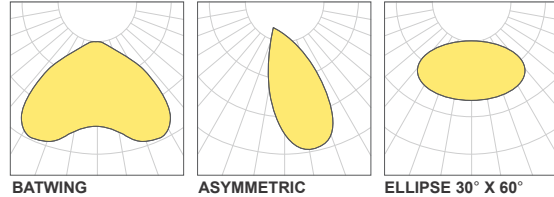
HCL	honeycomb louver (Cat. No. 81331)
BDBK	barndoor, black (Cat. No. K20278)
SNTBK	snoot, black (Cat. No. 81347BK)
SNTWH	snoot, white (Cat. No. 81347WH)
SHNTBK	shroud snoot, black (Cat. No. 81348BK)
SHNTWH	shroud snoot, white (Cat. No. 81348WH)
E	elliptical lens, 30° X 60° (Cat. No 74258)
SBL	smoothing beam lens (Cat. No 74207-SBL)
DL	diffused lens (Cat. No 74207)

BW	batwing lens (Cat. No 74259)
AB	asymmetric beam lens (Cat. No 74261)
HET	high effeciency textured lens, similar to SoliteTM (Cat. No 74262)
GRL	glare reduction lens (Cat. No. 74257)
CF-RD	color filter - red (Cat. No 74272-RD)
CF-BL	color filter - blue (Cat. No 74272-BL)
CF-GR	color filter - green (Cat. No 74272-GR)
CF-AM	color filter - amber (Cat. No 74272-AM)
81464	bezel removal tool

NOTES

1. Complete fixture ordering code by adding accessory ordering code. To order the accessory only use the catalog number.
2. Maximum 2pcs of media per fixture. Standard Configuration includes clear lens, which is replaceable with other media.
3. For best performance pair lenses with 15D or 20D beam options.
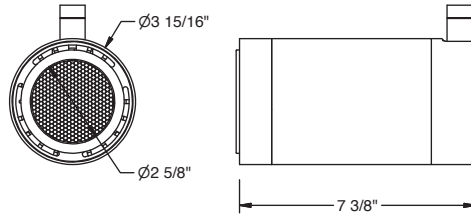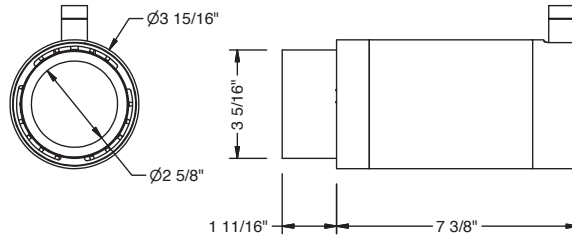
LIGHT DISTRIBUTION

BATWING   **ASYMMETRIC**   **ELLIPSE 30° X 60°**

HONEYCOMB LOUVER

SNOOT

SHROUD SNOOT

BARNDOOR

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