C20

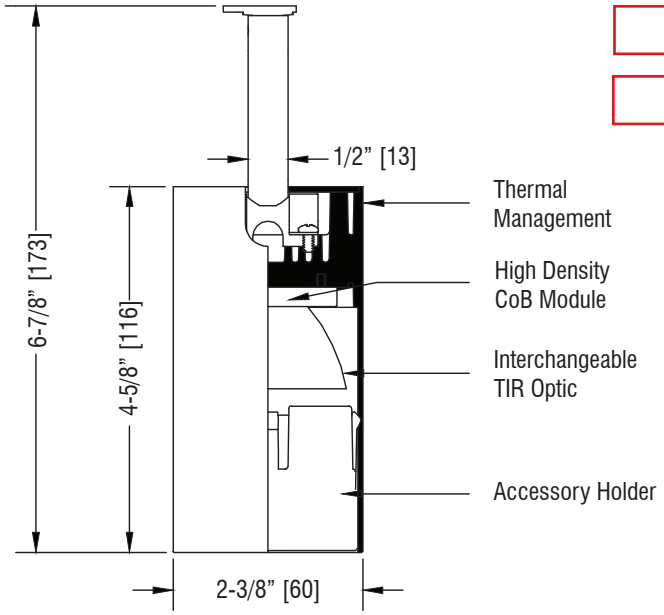
Tunable White
Fixed Object

Project Name

Type

Flatten & Save

Clear Form



Input Requirements

1060 Lumens	120VAC/0.2A/17W
	240VAC/0.1A/18W
	277VAC/0.1A/19W

Enter Catalog Number Sequentially from Left to Right

C20 - Lumens CRI CCT - Adaptor Dimming Level Options Voltage - Finish Optic

Model	Lumens/CRI	CCT	Adaptor	Dimming	Level	Options	Voltage	Finish	Optics
C20	L10 1060/90	TL 18-40 TH 27-60	9HC BusRun Clipless w/ Driverbox 9HD BusRun Deep w/ Driverbox 9HS BusRun Shallow w/ Driverbox BT Basic Track	W Wireless	C Casambi A Avi-On Z Zigbee	P Potentiometer S Switch SP Switch w/ Potentiometer	A 120 D 240 F* 240 (2-Circuit) C 277	P White MB Black BR Brushed CP Custom	1 15° 2 25° 3 35°
			ST2 2-Circuit Stucchi ST3 3-Circuit Stucchi 3L 5" Canopy 5L 3.5" QC Canopy 7L 2" QC Canopy (Remote Driver Only)	Z 0-10 M DMX D DALI L Lutron	D Dark T T-Series			Enter RAL or Other Finish Code	

Optics:

☐ 15°	OL-RS2-ILONA-50-KIT
☐ 25°	OL-M-ILONA-50-KIT
☐ 35°	OL-W-ILONA-50-KIT

Flush Fit BusRun Adaptor

Litelab's flush fit BusRun adaptor recesses entirely inside BusRun to provide a clean aesthetic. It is available with a Switch and Rotation Lock or On-Board Potentiometer for individual fixture dimming. BusRun fitters are available dimmable to 1% and can be dimmed proportionally using an ELV dimming system.

Dimming Note

This fixture is provided with LED Drivers suitable for the dimming protocol specified. Dimming performance may vary based on dimmer model or system being used. If exact dimming performance is required, Litelab recommends testing the Litelab fixture with the specified dimmer.

Accessories: *See Page 6*

☐ OL-DF-a	Beam Softening Film
☐ OL-TD-a	Beam Softening Lens
☐ OL-10x40-a	Linear Spread Lens
☐ OL-10x60-a	Linear Spread Lens
☐ OL-30x60-a	Universal Spread Lens
☐ LVH/a	Hexell Louver
☐ CHB/a-2	Crosshair Baffle

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Edition Date: 07/14/2021

C20

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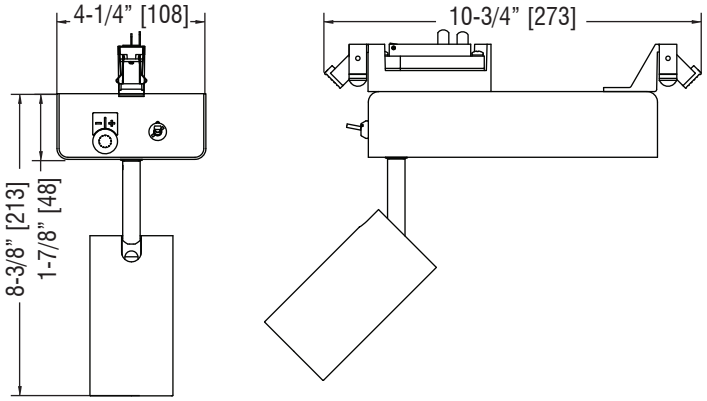
Type

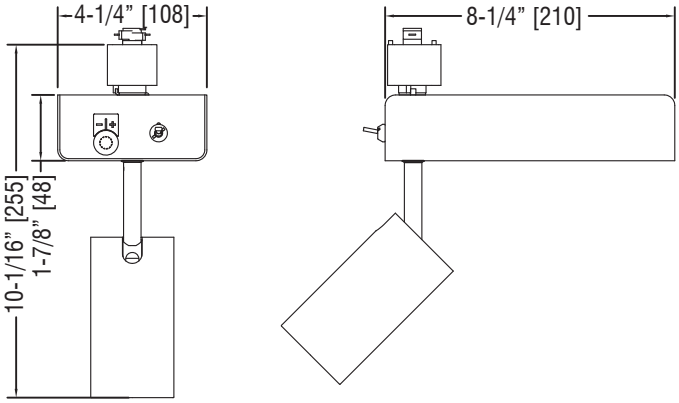
Clear Form

Fitter Guide

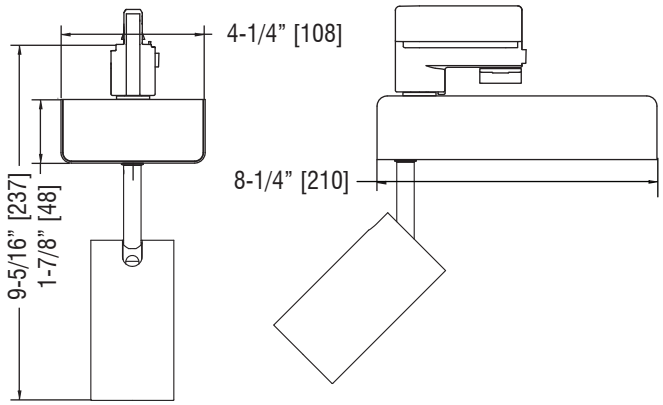
9H - Wireless Control Fitter for BusRun



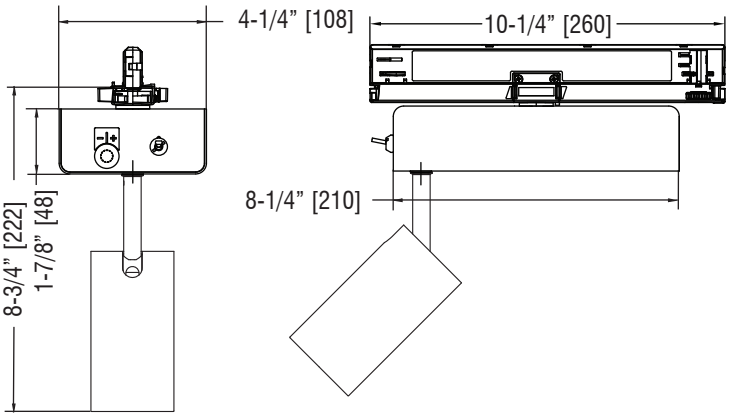
Basic Track - Wireless Control for Basic Track



Stucchi - 2-Circuit DMX and Dali Dimmable Fitter



Stucchi - 3-Circuit DMX and Dali Dimmable Fitter



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* Covered under one or more of the following patents: US: 8,740,421 B2, D499, 698, D389,012, Republic of China: D149,379, People's Republic of China: ZL 201130358013.3, European Union: RCD #001920356-0001. Additional patents pending. **See fittings and accessories page for mounting options and accessories.

C20 Tunable White Fixed Object

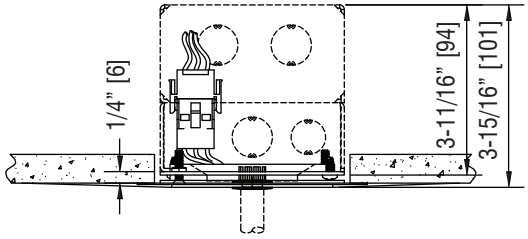
Project Name

Type

Clear Form

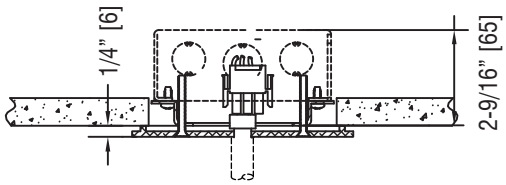
Fitter Guide

-5L - 3-1/2” Dia. Quick Connect Canopy - Remote Driver



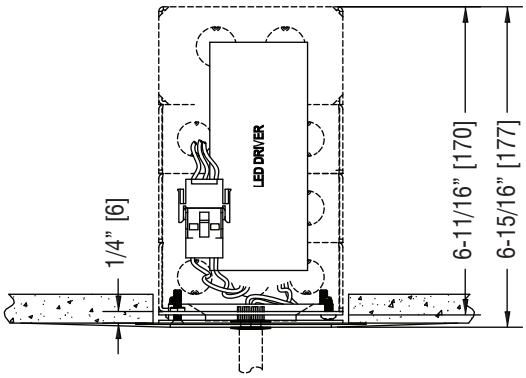
-5 Remote Driver
(1) 4” sq x 2-1/8” J-Box
(1) 4” sq x 1-1/2” Extension Box

-3L - 5” Dia. x 1/4” H. Machined Canopy - Remote Driver



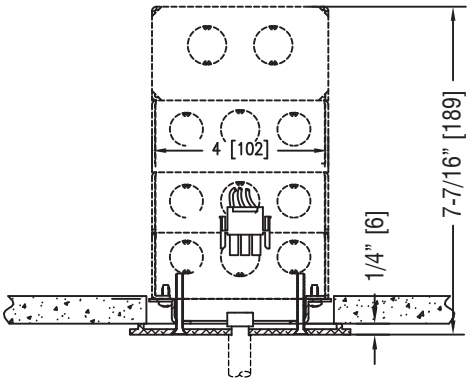
-3 Remote Driver
(1) 4” sq x 1-1/2” Extension Box

-5L - 3-1/2” Dia. Quick Connect Canopy - Integral Driver



-5L 0-10v, DALI and DMX Driver
(1) 4” sq x 2-1/8” J-Box
(3) 4” sq x 1-1/2” Extension Box

-3L - 5” Dia. x 1/4” H. Machined Canopy - Integral Driver



-3L 0-10v, DALI and DMX Driver
(1) 4” sq x 2-1/8” J-Box
(3) 4” sq x 1-1/2” Extension Box

Note: In all instances, Junction Box is by others.

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* Junction Box Volume Note:Box fill must be in compliance with National Electric Code Article 314. Internal Equipment Supplied by Litelab Equals 25 Cubic Inches.

C20

Tunable White
Fixed Object

Project Name

Type

Clear Form

Photometrics

C20-L10 15° Optic, 2700K (OL-RS2-ILONA-50-KIT)

Mounting Height in feet / meters	FC / Lux	Beam Diameter in feet / meters
6.0' / 1.8m	84.8 f.c. / 912.8 lux	1.6' / 0.5m
8.0' / 2.4m	47.7 f.c. / 513.4 lux	2.1' / 0.6m
10.0' / 3.0m	30.5 f.c. / 507.0 lux	2.7' / 0.8m
12.0' / 3.7m	21.2 f.c. / 328.3 lux	3.2' / 1.0m
14.0' / 4.3m	15.6 f.c. / 167.9 lux	3.7' / 1.1m
16.0' / 4.9m	11.9 f.c. / 128.1 lux	4.3' / 1.3m

CBCP:	3,053 Cd
Efficacy:	36 lm/w
Delivered Lumens:	262 lm

C20-L10 25° Optic, 2700K (OL-M-ILONA-50-KIT)

Mounting Height in feet / meters	FC / Lux	Beam Diameter in feet / meters
6.0' / 1.8m	46.2 f.c. / 497.3 lux	2.3' / 0.7m
8.0' / 2.4m	26.0 f.c. / 280.0 lux	3.1' / 0.9m
10.0' / 3.0m	16.6 f.c. / 178.7 lux	3.9' / 1.2m
12.0' / 3.7m	11.5 f.c. / 123.8 lux	4.7' / 1.4m
14.0' / 4.3m	8.5 f.c. / 91.5 lux	5.4' / 1.6m
16.0' / 4.9m	6.5 f.c. / 70.0 lux	6.7' / 2.0m

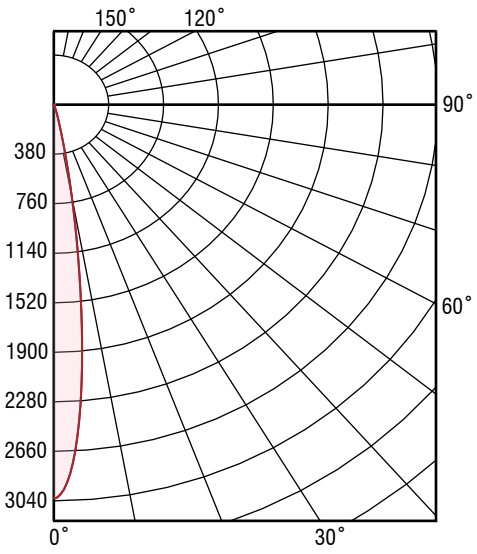
CBCP:	1,662 Cd
Efficacy:	38 lm/w
Delivered Lumens:	276 lm

C20-L10 35° Optic, 2700K (OL-W-ILONA-50-KIT)

Mounting Height in feet / meters	FC / Lux	Beam Diameter in feet / meters
6.0' / 1.8m	22.4 f.c. / 241.1 lux	3.2' / 1.0m
8.0' / 2.4m	12.6 f.c. / 135.6 lux	4.3' / 1.3m
10.0' / 3.0m	8.1 f.c. / 87.2 lux	5.4' / 1.6m
12.0' / 3.7m	5.6 f.c. / 60.3 lux	6.5' / 2.0m
14.0' / 4.3m	4.1 f.c. / 44.1 lux	7.5' / 2.3m
16.0' / 4.9m	3.1 f.c. / 33.4 lux	8.6' / 2.6m

CBCP:	806 Cd
Efficacy:	33.6 lm/w
Delivered Lumens:	245 lm

C20-L10 15° Optic, 2700K - Polar Diagram



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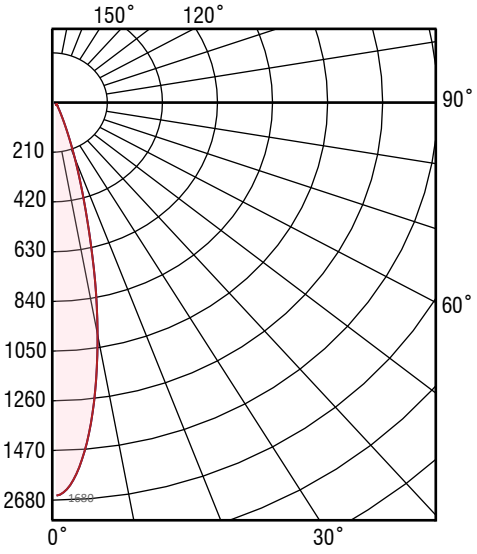
C20-L10 25° Optic, 2700K - Polar Diagram



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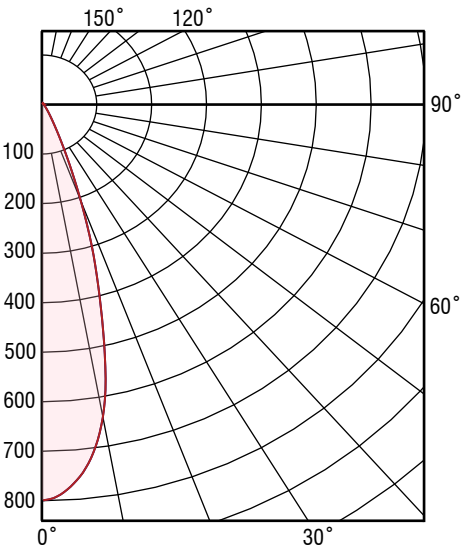
C20-L10 35° Optic, 2700K - Polar Diagram



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C20

Tunable White
Fixed Object

Project Name

Type

Clear Form

Photometrics

C20-L10 15° Optic, 6500K (OL-RS2-ILONA-50-KIT)

Mounting Height in feet / meters	FC / Lux	Beam Diameter in feet / meters
6.0' / 1.8m	98.1 f.c. / 1055.9 lux	1.9' / 0.6m
8.0' / 2.4m	55.2 f.c. / 594.2 lux	2.5' / 0.8m
10.0' / 3.0m	35.3 f.c. / 380.0 lux	3.1' / 0.9m
12.0' / 3.7m	24.5 f.c. / 263.7 lux	3.7' / 1.1m
14.0' / 4.3m	18.0 f.c. / 193.8 lux	4.4' / 1.3m
16.0' / 4.9m	13.8 f.c. / 148.5 lux	5.0' / 1.5m

CBCP:	3,530 Cd
Efficacy:	36.9 lm/w
Delivered Lumens:	409 lm

C20-L10 25° Optic, 6500K (OL-M-ILONA-50-KIT)

Mounting Height in feet / meters	FC / Lux	Beam Diameter in feet / meters
6.0' / 1.8m	69.0 f.c. / 742.7 lux	2.4' / 0.7m
8.0' / 2.4m	38.8 f.c. / 417.6 lux	3.2' / 1.0m
10.0' / 3.0m	24.8 f.c. / 266.9 lux	4.0' / 1.2m
12.0' / 3.7m	17.2 f.c. / 185.1 lux	4.8' / 1.5m
14.0' / 4.3m	12.7 f.c. / 136.7 lux	5.6' / 1.7m
16.0' / 4.9m	9.7 f.c. / 104.4 lux	6.3' / 1.9m

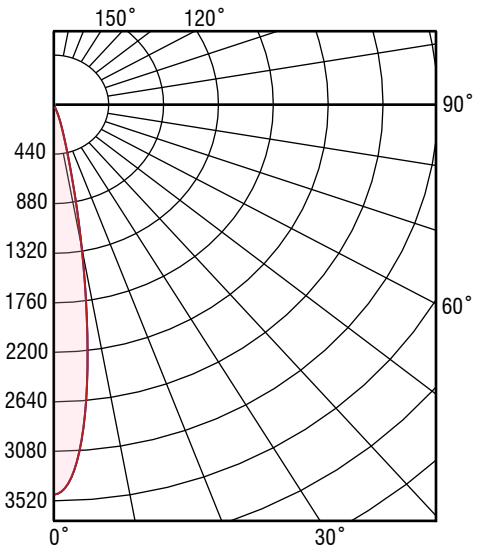
CBCP:	2,483 Cd
Efficacy:	40.5 lm/w
Delivered Lumens:	448 lm

C20-L10 35° Optic, 6500K (OL-W-ILONA-50-KIT)

Mounting Height in feet / meters	FC / Lux	Beam Diameter in feet / meters
6.0' / 1.8m	44.4 f.c. / 477.9 lux	2.9' / 0.9m
8.0' / 2.4m	25.0 f.c. / 269.1 lux	3.8' / 1.2m
10.0' / 3.0m	16.0 f.c. / 172.2 lux	4.8' / 1.5m
12.0' / 3.7m	11.1 f.c. / 119.5 lux	5.7' / 1.7m
14.0' / 4.3m	8.2 f.c. / 88.3 lux	6.7' / 2.0m
16.0' / 4.9m	6.2 f.c. / 66.7 lux	7.7' / 2.3m

CBCP:	1,598 Cd
Efficacy:	37.5 lm/w
Delivered Lumens:	416 lm

C20-L10 15° Optic, 6500K - Polar Diagram



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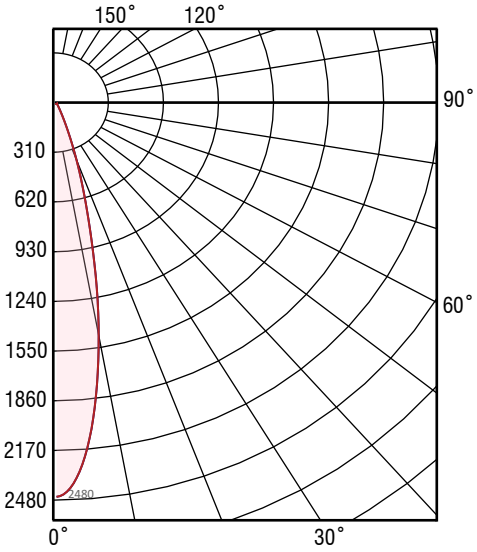
C20-L10 25° Optic, 6500K - Polar Diagram



LEGEND
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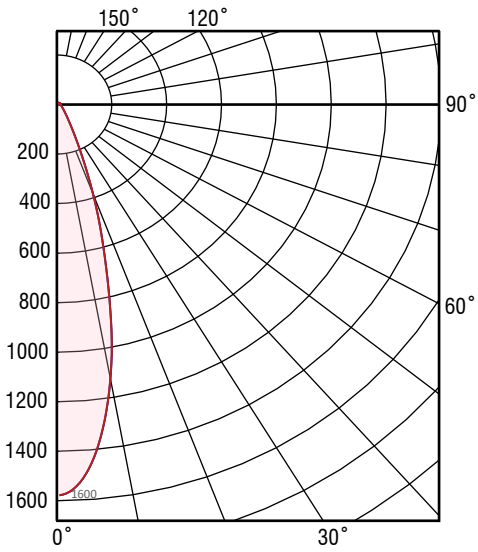
C20-L10 35° Optic, 6500K - Polar Diagram



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C20

Tunable White
Fixed Object

Project Name

Type

Clear Form

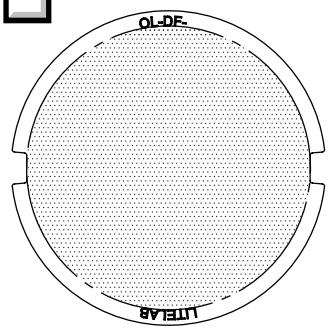
Accessories

FIXTURE SIZE CODE (A): Ø1.95" [50mm]

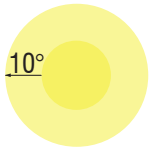
CUSTOM DISTRIBUTION FILMS AVAILABE ON REQUEST.

OL-DF-A (DIFFUSION FILM)

DIFFUSION FILM: 0.25MM (0.01") FILM SOFTENS BEAM EDGES (FOR USE WITH MULTIPLE MEDIA)

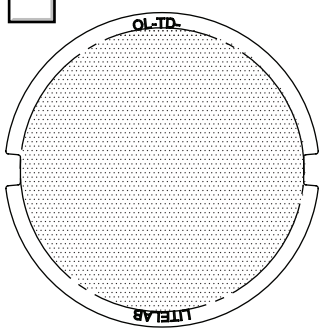


DISTRIBUTION DIAGRAM



OL-TD-A (POLYCARBONATE DIFFUSION LENS)

DIFFUSION FILM: 3MM (0.1") TEXTURED LENS SOFTENS BEAM EDGES (FOR STANDALONE USE)



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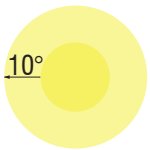
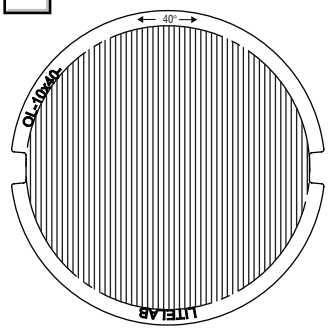


OL-10x40-A (LINEAR SPREAD LENS)

40° LINEAR SPREAD LENS: 3MM (0.1") ELLIPTICAL SPREAD FOR LONG / LINEAR OBJECTS



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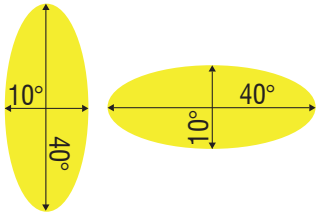
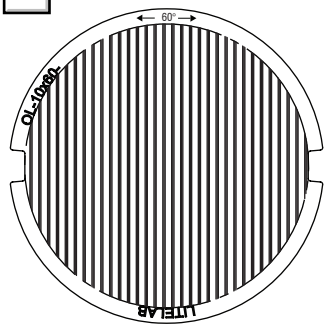


OL-10x60-A (LINEAR SPREAD LENS)

60° LINEAR SPREAD LENS: 3MM (0.1") ELLIPTICAL SPREAD FOR LONG / LINEAR OBJECTS



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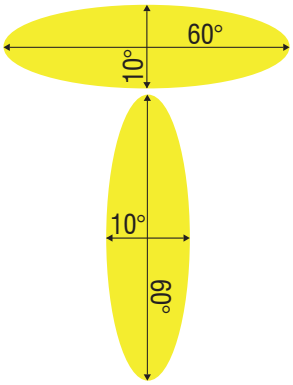
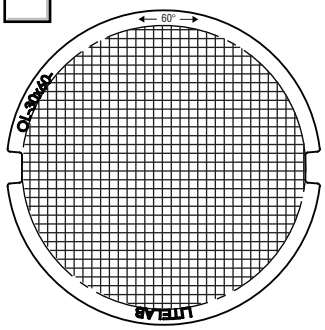
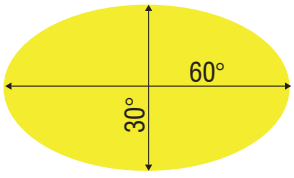


OL-30x60-A (UNIVERSAL SPREAD LENS - INCLUDED)

UNIVERSAL SPREAD LENS: 3MM (0.1") LENS SPREADS LIGHT UNIVERSALLY FOR WIDER DISTRIBUTION

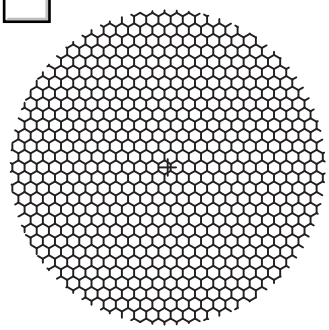


DISTRIBUTION DIAGRAM



LVH/A (HEXCELL LOUVER)

HEXCELL LOUVER: 3MM (0.1") MATTE BACK FINISH, 45° GLARE CUTOFF FOR VISUAL COMFORT



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