

Laser Blade InOut

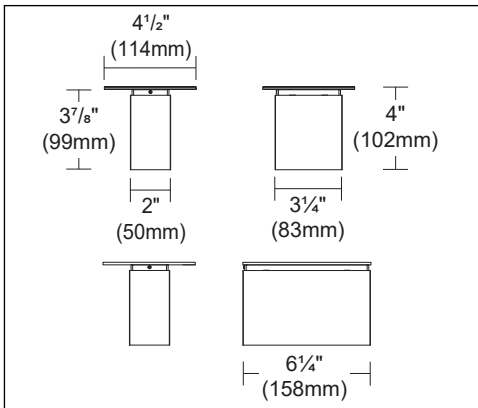
Ceiling / Integral

Type:

SPECIFICATION SHEET

Project :

Page: 1 of 4



Low luminance architectural ceiling mounted fixture for inside or outside location.

Luminaire characteristic: Power input system: 5.7W to 12.4W
Lumens system for 3000K, 90CRI: 352lm to 825lm
Luminaire efficacy for 3000K, 90CRI: Up to 69lm/W

Source: White LED (LM-80 tested)
2700K : 95CRI,
3000K : 90CRI,
3500K : 95CRI,
4000K : 95CRI.

Lumen maintenance: 90% of initial lumens at 100 000 hours (L80 B10)
T77° (25°)
90% of initial lumens at 100 000 hours (L80 B10)
T104° (40°)

Optic: High definition OPTI BEAM optics with luminance control UGR<19. Available in spot, flood and wide flood optics.

Material: Baffle: Thermoplastic.
Body: Painted extruded aluminum with excellent resistance to atmospheric agents and UV rays.
Diffuser: Transparent glass screen, with black serigraphy on the edge.
Optical assembly: Die-cast aluminum body and heat sink.

Mounting: Ceiling mounted, to be installed on a standard octagonal 4" junction box with painted canopy.

Electrical: High efficiency dimmable LED driver, rated at 50 000 hours. 120V/277V.

Dimming: Leading (Triac) and trailing edge(ELV), down to 15%(120V) and 0-10V down to 10% (120-277V).

Finish: Body: Black, gray (RAL9007), rust brown and white (RAL9016).
Baffle: black, glossy sand, glossy copper, glossy urban bronze and glossy lead.

Weight: 2 Cells: 1.60lb (0.7kg)
5 Cells: 2.54lb (1.15kg)

Warranty: 5 year limited warranty.

Ratings: IK06, IP65

Certification:  Wet location

ORDERING INFO



PRODUCT CODE

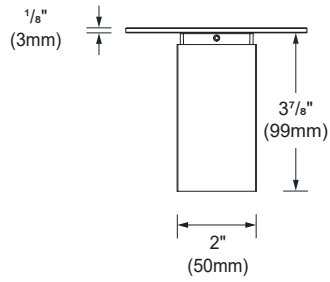
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MODEL	CELL	MOUNTING	LED	OPTIC	VOLTAGE	FINISH (BODY / BAFFLE)	DIMMING
ILBIO	02 2- Cells	C Ceiling	927 2700K 95 CRI	SP ² Spot 12°	120V 120V	01 White / black	LTE ³ Leading and trailing edge (120V only)
	05 5- Cells		930 3000K 90 CRI	FL ¹ Flood 32°	UNV ² 120-277V	T4 White / Glossy lead	
			935 3500K 95 CRI	WF ² Wide flood 48°		T3 White / Glossy sand	D10 ⁴ 0-10V
			940 4000K 95 CRI			T2 White / Glossy copper	ND ¹ No dimming
						T1 White / Glossy urban bronze	
						02 Black / Black	
						T0 Black / Glossy lead	
						S9 Black / Glossy sand	
						S8 Black / Glossy copper	
						S7 Black / Glossy urban bronze	
						15 Gray / Black	
						T8 Gray / Glossy lead	
						T7 Gray / Glossy sand	
						T6 Gray / Glossy copper	
						T5 Gray / Glossy urban bronze	
						I5 Rust brown / Black	
						U2 Rust brown / Glossy lead	
						U1 Rust brown / Glossy sand	
						U0 Rust brown / Glossy copper	
						T9 Rust brown / Glossy urban bronze	

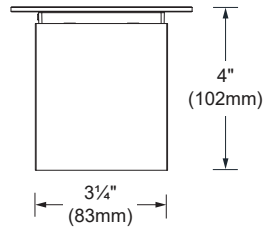
¹ Available for 2 cells.
² Available for 5 cells.
³ Available for 5 cells, 120V.
⁴ Available for 5 cells, UNV.

DIMENSIONS

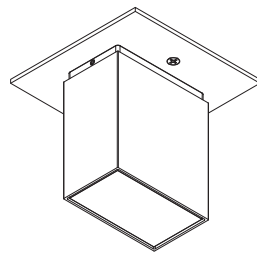
ILBIO02



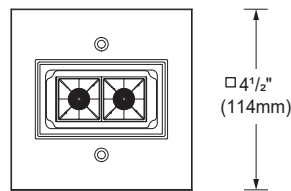
SIDE VIEW



FRONT VIEW

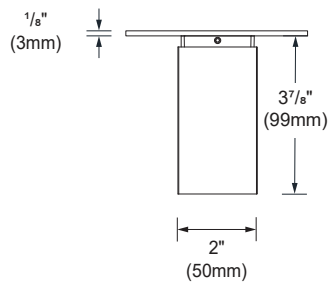


ISOMETRIC VIEW

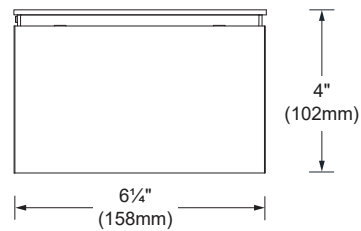


BOTTOM VIEW

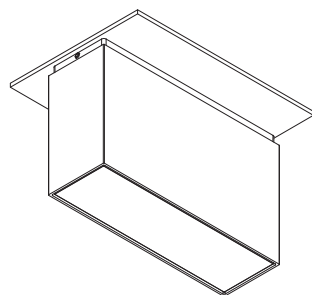
ILBIO05



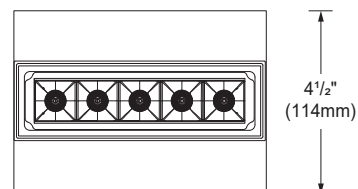
SIDE VIEW



FRONT VIEW



ISOMETRIC VIEW

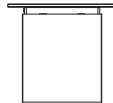


BOTTOM VIEW

PHOTOMETRIC DATA

Visit sisternalux.com for complete photometric data.

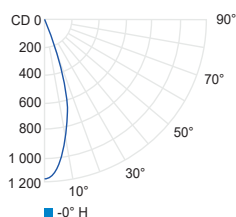
ILBIO02



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	6.2W*	flood 32°	352	56	1 141	ILBIO02-C-930-FL-UNV-XX

*Other CCT are 95 CRI and 5.7W

Wide flood 32° (3000K, 90CRI)



Center beam fc	Beam width ft
2ft 285	1.2
4ft 71.4	2.3
6ft 31.7	3.5
8ft 17.8	4.7
10ft 11.4	5.8
12ft 7.93	7.0

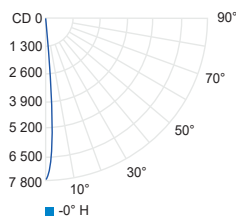
ILBIO05



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	11.8W*	Spot 12°	825	70	7 766	ILBIO05-C-930-SP-UNV-XX
			Wide flood 48°	825	70	1 464	ILBIO05-C-930-WF-UNV-XX

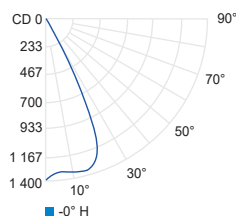
*Other CCT are 95 CRI and 12.4W

Spot 12° (3000K, 90CRI)



Center beam fc	Beam width ft
2ft 1 941	0.5
4ft 485	0.9
6ft 216	1.4
8ft 121	1.8
10ft 77.7	2.3
12ft 53.9	2.7

Wide flood 48° (3000K, 90CRI)



Center beam fc	Beam width ft
2ft 344	1.7
4ft 85.9	3.3
6ft 38.2	5.0
8ft 21.5	6.7
10ft 13.7	8.4
12ft 9.54	10.0

CCT options	2700K	3000K	3500K	4000K
CRI options	95CRI	90CRI	95CRI	95CRI
Multiplier	0.72	1	0.78	0.82

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports.