

LANCE

INTEGRAL OPAL



Lance is an innovative approach to linear lighting that combines a small form factor with powerful performance and flexibility in both mounting, adjustability, and light control.

The fixture can adjust up to 90° for precise aiming and can be specified with an adjustable glare-shield for added control of the output and beam spread.

CONSTRUCTION

Product Type : Linear
Body Material : Extruded Aluminum
Body Finish : Black / Grey / White
 Custom RAL
IP Rating : IP66

INSTALLATION

Environment : Indoor/Outdoor
Mounting : Surface Mounted

OPTICS

Optical Distribution : Lambertian

LIGHT SOURCE

Direct Light Source : Mid-Power LEDs
Luminous Output : from 975lm/m to 4185lm/m (Delivered)
Light Source CCT : 2700K / 3000K
 3500K / 4000K
 Tunable White (2700K-5000K)
Color Rendering Index : Ra90
Lifetime : L80 B10 @ 70,000 Hrs

ELECTRICAL

Input Voltage : 220-240V / UNV 120-277V - 50Hz/60Hz
Load : 16W/m to 66W/m
Output Type : Constant Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX
Code Compliance : ETL / CSA / CE

Series	Mounting	Nominal Length	Body Finish
LOW	S Surface Mounted	12 300 mm	W White
		24 600 mm	B Black
		36 900 mm	G Grey
		48 1200 mm	X Custom RAL
		For custom lengths and shapes, consult factory. For exact lengths refer to dimensions table.	

Code example: **LOW**-S12B-X-VUD-O-L927

Glare Shield	Output	Voltage	Dimming	Diffuser	Optics	CRI	Color Temp
G¹ Glare Shield	L² 1030lm/m (16W)	2 220V-240V	A No Dimming	O Opal	L Opal	9 +90	27 2700K
X No Glare Shield	M² 2075lm/m (33W)	U Universal 120 to 277V	B 0-10V to 1%				30 3000K
	H² 3115lm/m (49W)		C 0-10V to Fade-off				35 3500K
	V² 3985lm/m (66W)		D DALI to 1%				40 4000K
	U³ 2180lm/m (33W)		E⁴ ELV Dimming				TW 2700K - 5000K
	A³ 4185lm/m (66W)		F DMX				

Notes:

¹ The lumen values will be 50% lower in the fully shield-covered position.

² Denotes static white (U/M/H/V) output at 3000K, without glare shield.

³ Denotes output specific to Dim-to-Warm at 3000K, without glare shield.

⁴ Not available with UNV voltage.

Consult factory for lead-times.

Consult factory for systems using multiple optics and mounting configurations.



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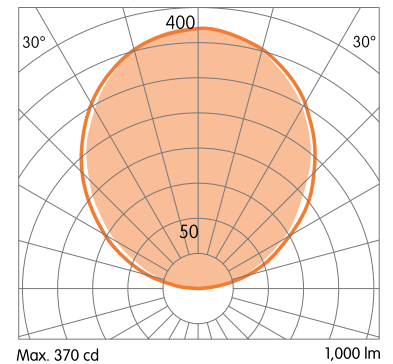
OPTICAL FLEXIBILITY

LAMBERTIAN DISTRIBUTION



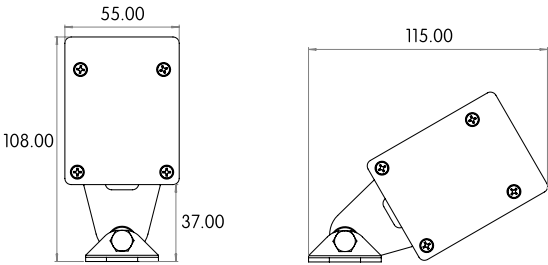
Lambertian distributions are optimal for general lighting, providing a soft and uniform illumination on both horizontal and vertical surfaces. Lance's opal lens is ideal for commercial, retail, institutional, and any other environment where comfortable and even illumination is needed.

120° Beam Angle (Lambertian)

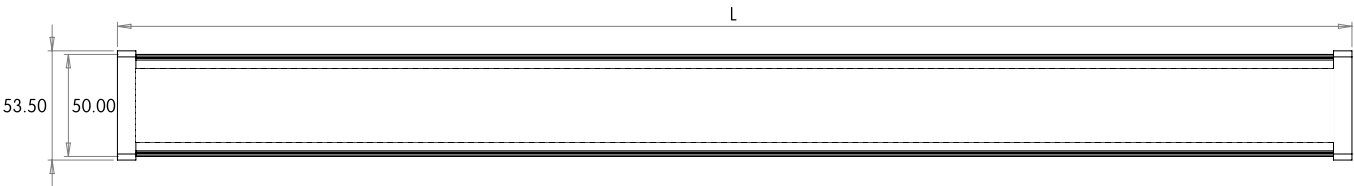


MOUNTING FLEXIBILITY
Per Millimeter

SURFACE MOUNTED



Note:
This bracket's height is customizable.



DIMENSIONS TABLE
Per Millimeter

			12"	24"	36"	48"
			Actual Length (L)			
Surface Mounted	mm	mm	mm	mm	mm	mm
	108	55	313	613	913	1213

DELIVERED LUMEN OUTPUT

Per Meter

Output	Watts	CRI +90			
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STATIC-WHITE		2700K	3000K	3500K	4000K
L	16W	975 lm	1030 lm	1065 lm	1085 lm
M	33W	1960 lm	2075 lm	2140 lm	2180 lm
H	49W	2945 lm	3115 lm	3210 lm	3270 lm
V	66W	3765 lm	3985 lm	4105 lm	4185 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	33W	1960 lm	2180 lm
A	66W	3765 lm	4185 lm