

LANCE

INTEGRAL



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. Lance's flexibility makes it ideal for grazing, wallwashing, and performance indirect lighting.

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 : 10° / 20° / 28° / 50°
 Elliptical (10°x28°) / (10°x36°) / Asymetric
 Anti glare Honeycomb Louvers

LIGHT SOURCE

Direct Light Source : High power LEDs
Luminous Output : from 1385lm/m to 5310lm/m (Delivered)
Light Source CCT : 2700K / 3000K / 3500K
 4000K / Tunable White (2700K-5000K)
 Dim-to-Warm (3000K-1800K) / RGBW
Color Rendering Index : Ra90

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
LGW	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: **LGW**-S12B-X-VUD-0-M927-0

Glare Shield	Output	Voltage	Dimming	Baffles	Optics	CRI	Color Temp	Accessories
G ¹ Glare Shield	L ² 1580lm/m (16W)	2 220V-240V	A No Dimming	0 No Baffles	S 10°	9 +90	27 2700K	O No Accessories
X No Glare Shield	M ² 2740lm/m (33W)	U Universal 120 to 277V	B 0-10V to 1%		N 20°		30 3000K	D Diffuse Lens
	H ² 3845lm/m (49W)		C 0-10V to Fade-off		M 28°		35 3500K	E Elliptical Lens
	V ² 4960lm/m (66W)		D DALI to 1%		F 50°		40 4000K	H Honeycomb Louvers
	D ³ 1500m/m (26W)		E ⁵ ELV Dimming		E 10°x 28°		WD 3000K - 1800K	
	W ³ 4265lm/m (59W)		F DMX		G 10°x 36°		TW 2700K - 5000K	
	U ⁴ 2325lm/m (33W)				X Custom		CC ⁷ RGBW	
	A ⁴ 4265lm/m (66W)				A Asymmetric			
	C ⁵ 3585lm/m (66W)							

Notes:

- ¹ The lumen values will be 50% lower in the fully shield-covered position.
- ² Denotes static white (L/M/H/V) output at 3000K, without glare shield.
- ³ Denotes output specific to Dim-to-Warm at 3000K, without glare shield.
- ⁴ Denotes output specific to Tunable White at full on, without glare shield.
- ⁵ Denotes RGBW (C) output with all colors at full power.
- ⁶ Not available with UNV voltage.
- ⁷ Only available with DMX dimming.

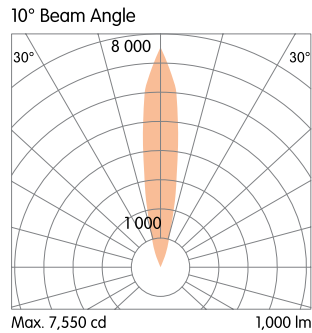
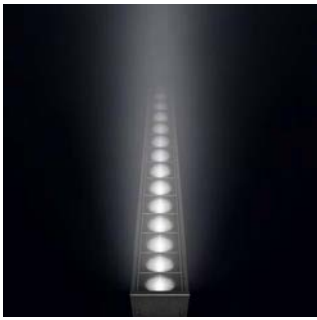
Consult factory for lead-times.
 Consult factory for systems using multiple optics and mounting configurations.



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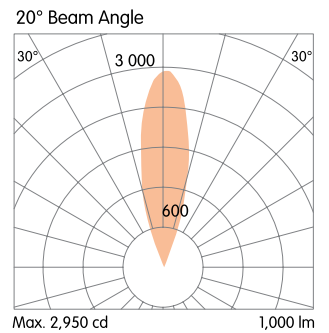
OPTICAL FLEXIBILITY

SUPER-NARROW BEAM DISTRIBUTION



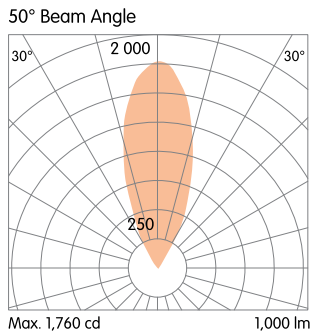
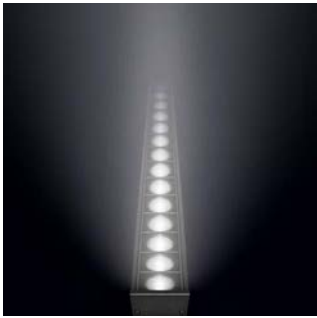
A super-narrow 10° beam is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW BEAM DISTRIBUTION



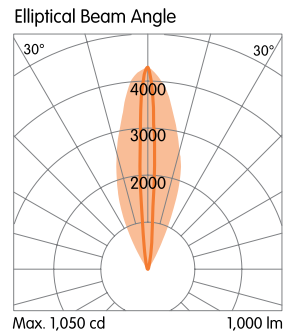
The 20° narrow beam is a versatile distribution that works in a wide range of applications and spaces. This optic is a nice balance between light punch and ambient uniformity.

FLOOD BEAM DISTRIBUTION



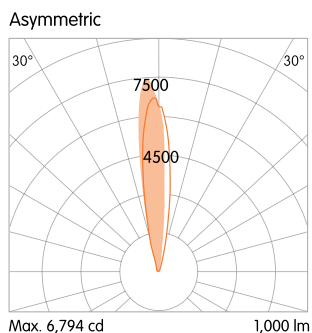
A 50° flood beam is the optimal option for achieving efficient ambient lighting with excellent uniformity and very low glare.

ELLIPTICAL DISTRIBUTION



Elliptical distributions can be used anywhere focused illumination is needed. Billet's elliptical beam is ideal for applications such as grazing texture on vertical surfaces and illuminating long narrow spaces without scallops.

ASYMMETRICAL DISTRIBUTION

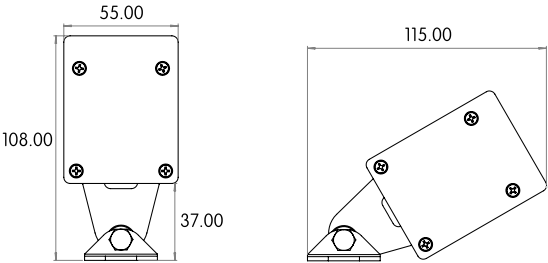


Lance Asymmetric delivers maximum performance for emphasizing textured and rough vertical surfaces. The standard output illuminates walls up to 14'-0" with outstanding transversal and longitudinal glare control.

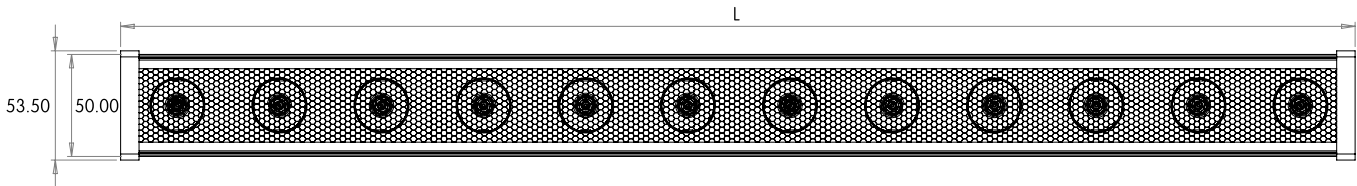
MOUNTING FLEXIBILITY

Per Millimeter

SURFACE MOUNTED



Note:
This bracket's height is customizable.



DIMENSIONS TABLE

Per Millimeter

				12"	24"	36"	48"
Height		Width	Actual Length (L)				
Surface Mounted	mm	mm	mm	mm	mm	mm	mm
	91.25	54.5	304.5	604.5	904.5	1204.5	

DELIVERED LUMEN OUTPUT

Per Meter

Output	Watts	CRI +90			
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STATIC-WHITE		2700K	3000K	3500K	4000K
L	16W	1385 lm	1580 lm	1495 lm	1525 lm
M	33W	2585 lm	2740 lm	2790 lm	2840 lm
H	49W	3760 lm	3845 lm	4065 lm	4140 lm
V	66W	4830 lm	4960 lm	5215 lm	5310 lm

DIM-TO-WARM 3000K-1800K		3000K			
D	26W	1500 lm			
W	59W	4265 lm			

TUNABLE WHITE 2700K-5000K		2700K	5000K		
U	33W	2325 lm	2325 lm		
A	66W	4265 lm	4265 lm		

RGBW		R	G	B	W
TOTAL	66W	2205 lm	3585 lm	555 lm	3415 lm