

Lance

Standalone or continuous suspended solution

Whitecroft
lighting

100+
LL/CW



IP40

LED



Continuous Mounting



Uplighting Feature

Overview

Cutting edge in every sense and perfect in any workspace, large or small, commercial or educational. Its unique tri-optic LED technology delivers excellent efficiency and outstanding glare compliance, while its distinctive lines can inspire the most visually pleasing interior designs.

Optics

- Low Output
 - 1200mm*, 2800 lumens (24W)
 - 1500mm*, 3500 lumens (29W)
 - 1800mm*, 4200 lumens (35W)
- High output
 - 1200mm*, 3800 lumens (32W)
 - 1500mm*, 4750 lumens (40W)
 - 1800mm*, 5700 lumens (48W)
- Emergency Output (BLF):
 - All variants - 378 Lumens
- Tri-optic technology with full face polycarbonate front diffuser and centrally located recessed pod
- Luminaires can be connected continually without infills for a seamless aesthetic
- LED chips are densely distributed within the central pod to maximise lumen output
- LED chips are spaced further apart within the polycarbonate diffuser for excellent uniformity, visual comfort and surface luminance
- Two light distribution ratios
 - 70% downlight and 30% uplight
 - 90% downlight and 10% uplight
- Available with 3000K and 4000K LED

*Lengths shown are nominal. Please refer to the dimensions section for accurate product dimensions.




Body

- Slim extruded aluminium body finished in textured silver or white
- IP40
- For standalone or continuous installation (with or without infills)
- Through wiring as standard on continuous luminaires
- Mounting using architectural wire suspension kit (1.5m or 3m drop)
- One suspension kit is needed per luminaire
- One suspension kit is needed for 1200mm and 1500mm infills and any size of infill that is used to end a continuous run
- Optional integral Command 4 detector mounted in the last cell at the end of the product for standalone luminaires (not available on continuous luminaires)
- Optional integral COMD1 detector mounted in the last cell at the end of the product
- Die cast aluminium end caps (supplied separately)
- Infills available in increments of 300mm up to 1500mm
- RAL Colour: Silver RAL9006. White RAL9003.
- Choice of 3hr Emergency or COMECS emergency options (COMECS can be wired as Easytest if required)




Note: Integral detectors require commissioning. Please contact Whitecroft Technical Desk

Order codes

Light output ratio 90% down 10% up, Low output

				B50			
Light output ratio 90% down 10% up, Low output (4000K)	DALI	3hr Emergency	LL/CW	L70	L80	L90	
1200mm, 2800 lumens (24W)	LN12Y91W	LN12Y91WEM	 112	>100k	>100k	82k	
1500mm, 3500 lumens (29W)	LN15Y91W	LN15Y91WEM	 109	>100k	>100k	82k	
1800mm, 4200 lumens (35W)	LN18Y91W	LN18Y91WEM	 111	>100k	>100k	82k	

Light output ratio 90% down 10% up, High output

				B50			
Light output ratio 90% down 10% up, High output (4000K)	DALI	3hr Emergency	LL/CW	L70	L80	L90	
1200mm, 3800 lumens (32W)	LN12Y92W	LN12Y92WEM	 110	>100k	>100k	82k	
1500mm, 4750 lumens (40W)	LN15Y92W	LN15Y92WEM	 109	>100k	>100k	82k	
1800mm, 5700 lumens (48W)	LN18Y92W	LN18Y92WEM	 109	>100k	>100k	82k	

Accessories

Suspension kit, up to 1.5m drop **	LNSUSKIT1
Suspension kit, up to 3m drop **	LNSUSKIT3
Continuous mount kit	LNCMOKIT
End cap kit, white*	LNECW
300mm infill, white	LN3INFW
600mm infill, white	LN6INFW
900mm infill, white	LN9INFW
1200mm infill, white	LN12INFW
1500mm infill, white	LN15INFW

* End cap kit consists of a pair of end caps

** One suspension kit per luminaire, one for every 1200mm and 1500mm infill and one for any size of infill that is used to end a continuous run

Options

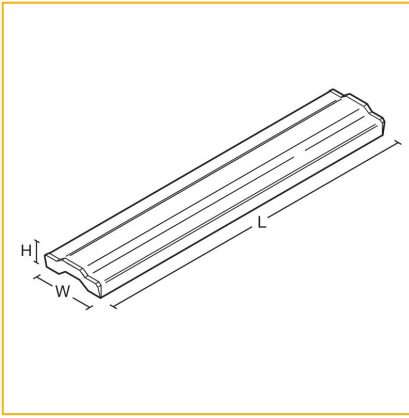
70/30 LIGHT DISTRIBUTION	Replace 9 with 7	i.e LN12Y71W
COM4 (standalone only)	Add Q4 before Y	i.e LN12Q4Y91W
COMD1	Add Q1 before Y	i.e LNSUSKITQ11
COMEPS	Add suffix EP	i.e LN12Y91WEP
SILVER FINISH	Replace W with S	i.e LN12Y91S

For 3000K colour temperature, please contact Whitecroft

LED Performance

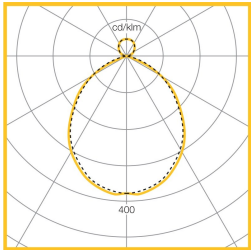
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

Dimensions

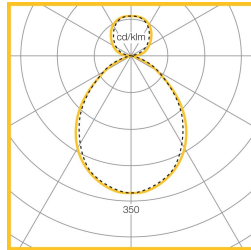


VERSION	L	W	H	KG	KG(EM)
1200mm Continuous	1206	232	71	4.2	4.6
1500mm Continuous	1507	232	71	5.4	5.8
1800mm Continuous	1807	232	71	6.2	6.6
End Caps	14	232	71	0.2	0.2

Photometric Performance



High Output 4750
Lumens, 40W
LOR = 100.0%
SHR MAX = 1.54



Low Output 2800
Lumens, 23W
LOR = 100.0%
SHR MAX = 1.49

To Specify

Tri-optic suspended architectural LED luminaire with direct: indirect lighting ratio of 70:30 or 90:10, incorporating intermediate brightness zone to diffuse light and graduate brightness with full face polycarbonate diffuser and recessed central metalised pod for maximum glare control and performance. Luminaires can be connected continually with or without infills for a seamless aesthetic – as Whitecroft Lighting LANCE.