Lister2

IP65 recessed luminaire with sealed frame construction

Whitecroft lighting

| 100+ LL/CW | | IP 20/65 | |

Overview

Lister 2 is a recessed sealed luminaire with Tp(a) rated prismatic diffuser for general clean area lighting applications

Optics

Lister2

- Light source options:
  - LED 3536 lumens (33.8W / 34.1W)*
  - LED 5984 lumens (62.4W / 58.2W)*
  - LED 7072 lumens (59.1W)
  - LED 11968 lumens (104.5W)

* In two body sizes

- All optics are TP(a) rated:
  - Single sheet 3mm prismatic fireguard material **
- Emergency Output (BLF):
  - All LED variants - 285 Lumens
- Available with 3000K and 4000K LED

** For LG7 compliant optics for computer screen use, see Whitecroft Lister **

Body

- Front access only
- Compatible with modular exposed T25, spring T and prepared aperture ceilings. Recessing panels are recommended on spring T ceilings to retain room integrity
- Steel body finished white
- RAL Colour: White RAL9016
- Extruded aluminium frame with concealed fixings
- Diffuser securely clamped but easily removable from frame for replacement
- IP65 rated - to BSI tested and certified construction as protecting the room to IP65 from void contamination with the front frame in place. IP20 rating with the frame removed
- Rapid fix Lumafix sliding side support brackets included which are adjusted from inside the body
- Emergency variants supplied with Lithium Iron Phosphate (LiFePO4) battery technology; featuring extended design life reducing replacement frequency to lower total cost of ownership, and advancing sustainability through support for end of life recycling

Order codes

Lister2 LED

Lister2 LED (4000K)	HF Gear	3hr Emergency	LL/CW	B50 L70	L80	L90
3536 lumens (33.8W, 600 x 600mm)	L2LH14K	L2LH14KLEM	105	>100k	>100k	65k
5984 lumens (62.4W, 600 X 600mm)	L2LH24K	L2LH24KLEM	96	>100k	84k	39k
3536 lumens (34.1W, 1200 x 300mm)	L2LH34K	L2LH34KLEM	104	>100k	>100k	65k
5984 lumens (58.2W, 1200 x 300mm)	L2LH44K	L2LH44KLEM	103	>100k	84k	39k
7072 lumens (59.1W, 1200 x 600mm)	L2LH54K	L2LH54KLEM	120	>100k	>100k	65k
11968 lumens (104.5W, 1200 x 600mm)	L2LH74K	L2LH74KLEM	115	>100k	>100k	40k

Note:
Codes L2LY14K, L2LY24K, L2LY34K & L2LY44K have 1 driver and require 1 DALI address each
Codes L2LY54K & L2LY74K have 2 drivers and require 2 DALI addresses each

Accessories

Recessing Panel 1200 x 600mm products	RP600X1200
Recessing Panel 600 x 600mm products	RP600X600
Recessing Panel 1200 x 300mm products	RP300X1200

Options

| COMEPS	Add suffix /EP	i.e L2LH14K/EP
DALI DIMMING	Replace H with Y	i.e L2LY14K

* To retain room integrity on spring t ceiling use recessing panel

For 3000K colour temperature, please contact Whitecroft

LED Performance

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

Dimensions
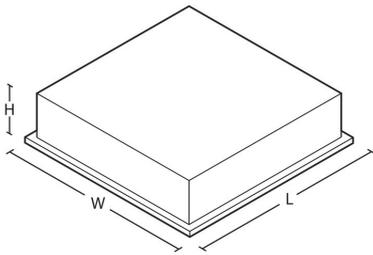
VERSION	L	W	H	KG	KG(EM)	Prepared Aperture
600 x 600 - 3500/6000 lumens	599	599	113	12	13	575 x 575 -5 +5
1200 x 300 - 3500/6000 lumens	1199	299	113	13	14	1175 x 275 -0 +5
1200 x 600 - 7000/12000 lumens	1199	599	113	23	23.5	1175 x 575 -0 +5

Photometric Performance
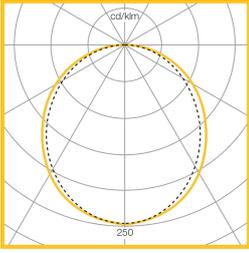
3500 lumen LED
LOR = 100%
SHR MAX = 1.50

Performance Guide
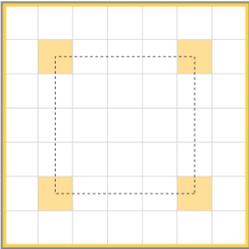
Lamps	LED 45W 3500 lumens
Illuminance	555 lux
Spacing	2.4m x 2.4m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.8m

To Specify

Recessed modular LED clean room luminaire sealed to IP65 frame with extruded aluminium concealed fixing front frame, suspended via rapid fix Lumafix side support brackets adjusted from inside the luminaire – as Whitecroft Lighting LISTER2

Application images