



Optics

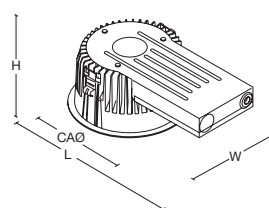
- Light Output Options:
 - 1100 lumens (10W)
 - 2000 lumens (20W)
- Supplied complete with specular reflector
- 'Cool' white 4000K colour temperature
- Optional integral 3hr emergency option
- IP20 as standard
- Up to 110 luminaire lumens per circuit watt

Body

- Black cast aluminium body with polycarbonate reflector ring in white
- LED driver included with luminaire
- For ceilings 5-50mm thick
- Optional attachments available
- Rapid spring assembly installation



Dimensions



L	W	H	CAØ	KG	KG/m²
290	183	100	165	1.5	2.6

Order Codes

Esprit Evo	Fixed Output	3hr Emergency
1100 lumens (10W)	ESVH14K	ESVH14KEM
2000 lumens (20W)	ESVH24K	ESVH24KEM

Accessories/Attachments

Attachment ring*	MLA-STD
Emergency attachment ring**	MLA-EMG
IP64 clear disc	MLA-IP64C
IP64 opal disc	MLA-IP64
Floating ring with clear sides	MLA-3
Anti-glare control insert	MLA-AGC

Options

DALI	Replace H with Y	i.e. ESVY14K
------	------------------	--------------

*Attachment ring must be used with all attachments except the anti-glare control insert. For non-emergency luminaires.

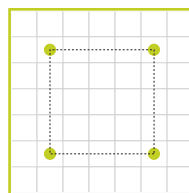
**As above but for use with emergency luminaires.

Equivalent Lamp Types

1100 Lumen Output	
Compact Fluorescent	1 x 18/26W
2000 Lumen Output	
Compact Fluorescent	1 x 32/45W, 2 x 26W

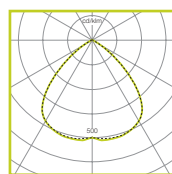
Performance Guide

Lamps	Illuminance	Spacing
20W LED	200 lux	3.0m x 3.0m

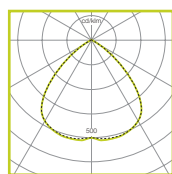


Maintenance: 0.8
 Reflectance: 70/50/20
 Ceiling Height: 2.7m
 Working Plane: 0.0m

Photometric Performance



10W LED
 1100 lumens
 4000K
 • LOR = 100%
 • SHR MAX = 1.93



20W LED
 2000 lumens
 4000K
 • LOR = 100%
 • SHR MAX = 1.93

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00 5.00
0.70	0.50	0.20	0.87	1.05 1.10

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00 5.00
0.70	0.50	0.20	0.87	1.05 1.10

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₈₀ (50,000hrs)	MacAdam 3 SDCM

To Specify

Recessed LED downlight with cast aluminium body, white polycarbonate bezel and integral 1100 / 2000 lumen light engine and driver. 165mmØ cut aperture for ceiling thicknesses of 5-50mm. Innovative spring assembly installation – as Whitecroft Lighting ESPRIT EVO