

Optics

- Light Output Options:
 - Single downlight: 2100 lumens (19W)
 - Double downlight: 4200 lumens (38W)
 - Triple downlight: 6300 lumens (56W)
- Multi-faceted reflector
- Flood or spot distribution options for precise lighting control
- 'Cool' white 4000K colour temperature

Body

- Available in single, double or triple configurations
- Circular downlight within a square/rectangular bezel
- Steel body with aluminium gimbal
- Inner housing and gimbal finished black and outer bezel finished white
- Rotates 360° and tilts 0-45°
- Suitable for ceiling thickness of 3-35mm
- IP20
- Driver included

Order Codes

Flood distribution

Single, 2100 lumens (19W)
Double, 4200 lumens (38W)
Triple, 6300 lumens (56W)

Fixed output

MNSNH4KFL
MNDBH4KFL
MNTRH4KFL

Options

DALI Replace H with **Y** i.e. MNSNY4KFL
SPOT DISTRIBUTION Replace FL with **SP** i.e. MNSNH4K**SP**

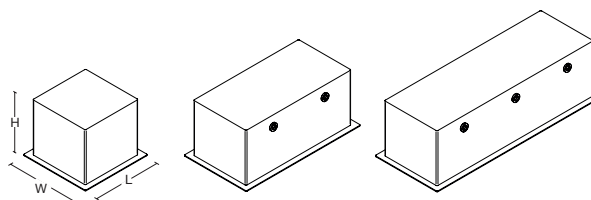


Single



Double

Dimensions

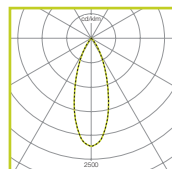


Version	L	W	H	CA	KG
Single	189	189	145	180x180	1.7
Double	348	189	145	339x180	3.4
Triple	504	189	145	495x180	4.5

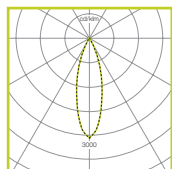
LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 3 SDCM

Photometric Performance



2100 lumens
19W, Flood
• LOR = 100%
• SHR MAX = 0.74



2100 lumens
19W, Spot
• LOR = 100%
• SHR MAX = 0.57

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.92	1.07	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	0.94	1.08	1.11

To Specify

Recessed high output LED gimbal downlight with flood or spot light distribution options. Steel body with integral LED light engine and remote driver for flexibility and rapid installation. For ceiling thicknesses of 3-35mm supplied complete with driver – as Whitecroft Lighting MINION