

concert fire

small LED IP65 fire-rated down lighter



Optics

- Medium 38° and flood 60° beam angle distribution options
- 3000K or 4000K colour temperatures available
- Output;
 - Medium: 550 lumens (9W)
 - Flood: 660 lumens (9W)

Body

- Downlight supplied complete with driver
- Die cast aluminium body
- Ceiling retention by wing mechanism
- Twist and lock bezels are supplied separately and available as circular or square in a white or chrome finish
- Each bezel pack contains two identical bezels
- For ceiling thicknesses 9mm - 40mm
- Minimum clearance of 50mm in ceiling void for thermal convection

Order Codes

4000K		Fixed output
Medium 38°, 550lm (9W)		CNFH14KME
Flood 60°, 660lm (9W)		CNFH14KFL

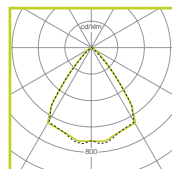
Bezel Packs

Circular, white x2	CNFBCW
Circular, chrome x2	CNFBCC
Square, white x2	CNFBWS
Square, chrome x2	CNFBSC

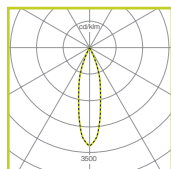
Options

3000K	Replace 4K with 3K	i.e. CNFH13KME
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Photometric Performance



Flood
9W LED
660 lumens
• LOR = 100%
• SHR MAX = 1.47



Spot
9W LED
550 lumens
• LOR = 100%
• SHR MAX = 0.55

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.84	1.04	1.09

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.93	1.07	1.10

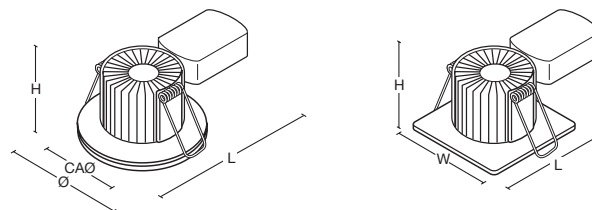
LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
3000K	Ra>80	L ₇₀ (70,000hrs)	MacAdam 3 SDCM
4000K	Ra>80	L ₇₀ (70,000hrs)	MacAdam 3 SDCM



Square chrome bezel

Dimensions



Version	Ø	L	W	CAØ	H	KG
Circular bezel	90	NA	NA	60-70	56	0.3
Square bezel	NA	90	90	NA	56	0.3

To Specify

Small IP65 fire-rated LED down light for use in areas where fire protection is required. Flood or medium beam angle options with circular or square bezels. For ceiling thicknesses of 9-40mm – as Whitecroft Lighting CONCERT FIRE.