

chord 80

small LED downlighter



Optics

- Light output options;
 - 3000K: 410 lumens (8W), flood
 - 3000K: 560 lumens (8W), spot
 - 4000K: 450 lumens (8W), flood
 - 4000K: 625 lumens (8W), spot
- PMMA lens for optimum distribution and high transmittance
- Two colour temperatures available;
 - 'Warm' white 3000K colour temperature
 - 'Cool' white 4000K colour temperature
- Two distribution options available;
 - Flood: for maximum room surface illumination
 - Spot: for highly defined accent lighting

Body

- IP40
- Recessed mounting
- Die cast aluminium body finished white
- For ceiling thicknesses 3mm - 30mm
- The angle of the light engine can be adjusted by up to 15° pre-installation
- Fixed output or DALI control gear available
- Driver included with downlight
- 3hr emergency option available



Order Codes

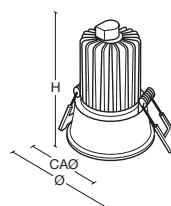
Chord 80	Fixed Output	3 hr Emergency
410 lumens (8W), 3000K, Flood	CDH13KFLAW	CDH13KFLAWEM
560 lumens (8W), 3000K, Spot	CDH13KSPAW	CDH13KSPAWEM
450 lumens (8W), 4000K, Flood	CDH14KFLAW	CDH14KFLAWEM
625 lumens (8W), 4000K, Spot	CDH14KSPAW	CDH14KSPAWEM

Options

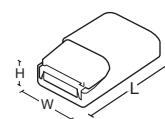
DALI	Replace H with Y	i.e. CDY13KFLAW
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Dimensions

Dowlight

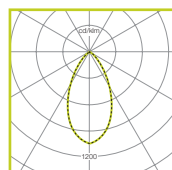


Driver



H	Ø	CAØ	KG	KG/m²	L	W	H	KG
90	80	70	0.2	1.2	102	51	30	0.08

Photometric Performance



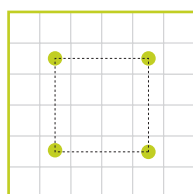
8W LED
450 lumens, flood
4000K
• LOR = 100%
• SHR MAX = 1.09

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.86	1.04

Performance Guide

Lamps	Illuminance	Spacing
450lm LED	125 lux	1.8m x 1.8m



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

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
3000K	Ra>80	L ₈₀ (35,000hrs)	MacAdam 3 SDCM
4000K	Ra>80	L ₈₀ (35,000hrs)	MacAdam 3 SDCM

To Specify

Small diameter IP40 LED downlight. Fixed 80mm Ø aluminium bezel finished in white. For ceiling thicknesses of 3-30mm, supplied complete with driver – as Whitecroft Lighting CHORD 80.