



Optics

- Light Output Options:
 - 1250 lumens (13W*)
 - 2000 lumens (19W*)
 - 3000 lumens (29W*)
- Choice of 4000K or 3000K colour temperature
- Multi-faceted reflector in flood or spot distribution
- Flood optic 40° beam angle
- Spot optic 24° beam angle
- 50,000 hour life expectancy
- Up to 105 lm/cw

* Total power consumption including driver based on the 4000K light engine

Body

- Black cast aluminium body with die-cast aluminium bezel in white
- Driver included
- Optional plaster-in kit for seamless set-back aesthetic (to be installed prior to luminaire)
- For ceilings 5-25mm thick
- Optional attachments available for alternative aesthetic
- Minimum void depth 124mm
- IP20 as standard
- Up to IP54 with the attachment of glass disc



Frosted flush ring



Frosted cylinder ring



IP54 opal glass disc



Installed with plaster-in kit

concert XL

Order Codes

4000K	Fixed Output
1250 lumens (13W), Flood optic	CNXH14K
2000 lumens (19W), Flood optic	CNXH24K
3000 lumens (29W), Flood optic	CNXH34K

Emergency Kits

3hr emergency conversion kit*	CNXEMKIT
COMEPS emergency conversion kit*	CNXEMKIT/EP

Attachments

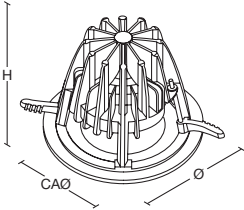
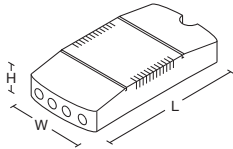
IP54 clear glass disc	CNX-IP54C
IP54 opal glass disc	CNX-IP54
Frosted flush ring	CNX-1
Frosted cylinder	CNX-2
Plaster-in kit (includes collar, mesh and screws)*	CNX-PL

Options

3000K	Replace 4K with 3K	i.e. CNXH13K
SPOT OPTIC	Add suffix SP	i.e. CNH14KSP
DALI	Replace H with Y	i.e. CNXY14K

*Plaster-in kit cannot be used with emergency

Dimensions

Downlight				Driver			
							
Ø	CAØ	H	KG	L	W	H	KG
130	110	99	0.6	220	85	31	0.2

Emergency kit adds 0.8KG
Plaster-in kit adds 37mm to overall height

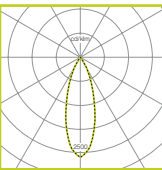
Equivalent Lamp Types

1250 Lumen Output	
Compact Fluorescent	1 x 18/26W
2000 Lumen Output	
Compact Fluorescent	1 x 32/42W, 2 x 26W
3000 Lumen Output	
Compact Fluorescent	2 x 32W

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
3000K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 3 SDCM
4000K	≥ 80 (1250lm is ≥ 90)	L ₇₀ (50,000hrs)	MacAdam 3 SDCM

Photometric Performance



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

40° 3000 lumen

MH	LUX	Ø
1.0m	1393	1.3
2.0m	348	2.6
3.0m	155	3.9
4.0m	87	5.3
5.0m	56	6.6

To Specify

Recessed LED downlight with cast aluminium body, white polycarbonate bezel and integral 1250 / 2000 / 3000 lumen light engine and driver – as Whitecroft Lighting CONCERT XL