



IP20

Optics

- Output Options:
 - 1850 lumens (22W*)
 - 2800 lumens (34W*)
 - 4600 lumens (58W*)
- Choice of 4000K or 3000K colour temperature
- Matt silver reflector
- 50,000 hour life expectancy
- Up to 90 lm/cw
- IP20 as standard
- IP65 with the attachment of clear polycarbonate disc and aluminium bezel (IP20 from behind)

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

Body

- Black cast aluminium body with aluminium bezel in white
- Driver included
- For ceiling thicknesses of 5mm - 40mm
- For application of attachments, the attachment product must be selected



Dropped halo glass



Dropped glass



With IP65 disc and bezel

Order Codes

Non-attachment product	Fixed Output	3hr Emergency
1850 lumens (22W)	CRLH14K	CRLH14KEM
2800 lumens (34W)	CRLH24K	CRLH24KEM
4600 lumens (58W)	CRLH34K	CRLH34KEM

Attachment product	Fixed Output	3hr Emergency
1850 lumens (22W)	CRLAH14K	CRLAH14KEM
2800 lumens (34W)	CRLAH24K	CRLAH24KEM
4600 lumens (58W)	CRLAH34K	CRLAH34KEM

Attachments*

Dropped etched glass	CRLAG
Dropped etched halo glass	CRLAGH
IP65 kit, inc. clear polycarbonate disc and aluminium bezel	CRLAC65
IP65 key for access and fixing	CRLA-KEY

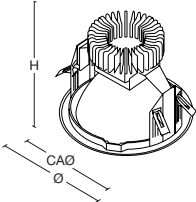
Options

DALI	Replace H with Y	i.e. CRLY14K
EASYTEST	Add suffix /ET	i.e. CRLH14K/ET
COMEPS	Add suffix /EP	i.e. CRLH14K/EP
3000K	Replace 4K with 3K	i.e. CRLH13K

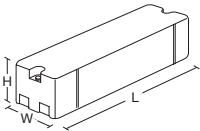
*Attachment product must be selected when using attachments

Dimensions

Downlight



Driver (included)



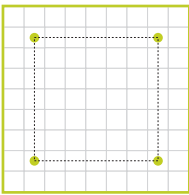
Version	Ø	CAØ	H	KG	KG	Output	L	W	H	KG
IP20	237	222	190	1.3	2.4	1850/2800lm	190	32	46	0.13
With IP65 kit	243	222	203	1.7	2.8	4600lm	219	83	35	0.34

LED Performance

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

Performance Guide

Lamps	Illuminance	Spacing
58W LED	317 lux	3.6m x 3.6m

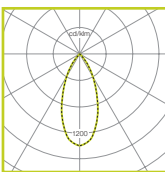


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.0m

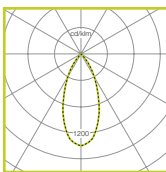
Equivalent Lamp Types

1850 Lumen Output Compact Fluorescent	2 x 26W TC-D
2800 Lumen Output Compact Fluorescent	2 x 42W TC-T
4600 Lumen Output Ceramic Metal Halide	1 x 70W CDM-T

Photometric Performance



34W LED
2800 lumens
4000K
• LOR = 100%
• SHR MAX = 0.89



58W LED
4600 lumens
4000K
• LOR = 100%
• SHR MAX = 0.89

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.90 1.07 1.11

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To Specify

Circo L20

Recessed IP20 237Ø LED downlighter with cast aluminium body, white aluminium bezel and integral 1850 / 2800 / 4600 lumen light engine, driver included and optional attachments – as Whitecroft Lighting CIRCO L20

Circo L65

Recessed IP65 243Ø LED downlighter with cast aluminium body, white aluminium bezel, anti-tamper screws, clear polycarbonate disc and integral 1850 / 2800 / 4600 lumen light engine, driver included and optional attachments – as Whitecroft Lighting CIRCO L65