

XR1

Compact LED Downlighter



Optics

- Output options;
 - 3000k
 - 1176 lumens (12.8W)
 - 1991 lumens (20.5W)
 - 4000k
 - 1184 lumens (11.8W)
 - 1987 lumens (18.8W)
- Supplied complete with integrated white reflector
- Two colour temperature options:
 - 'Cool' white 4000K
 - 'Warm' white 3000K
- Emergency output - 314 lumens

Body

- IP44 as standard
- Supplied complete with driver in fixed output or DALI
- Spun aluminium body finished white RAL 9003
- Counter sunk polycarbonate diffuser
- Integrated driver for flexibility and rapid installation
- For ceiling thicknesses of 1mm - 30mm
- Integral emergency options in 3hr or COMECS (COMECS can be wired as Easytest if required)
- Emergency variants supplied with Lithium Iron Phosphate (LiFePO4) battery technology; featuring extended design life reducing replacement frequency to lower total cost of ownership, and advancing sustainability through support for end of life recycling

Order codes

Order Codes (4000K)

B50						
XR1 (4000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
1184 lumens (11.8W)	XRH14KXT	XRH14KXTLEM	100	>100k	>100k	47k
1987 lumens (18.8W)	XRH24KXT	XRH24KXTLEM	106	>100k	>100k	47k

Order Codes (3000K)

B50						
XR1 (3000K)	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
1176 lumens (12.8W)	XRH13KXT	XRH13KXTLEM	92	>100k	>100k	47k
1991 lumens (20.5W)	XRH23KXT	XRH23KXTLEM	97	>100k	>100k	47k

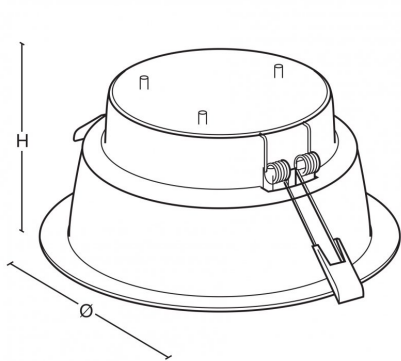
Options

DALI	Replace H with Y	i.e XRY14KXT
COMECS	Add suffix LEP	i.e XRH14KXTLEP

LED Performance

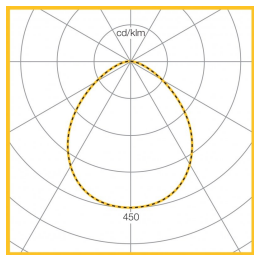
Colour Temp	RA (CRI)	Life expectancy	Colour consistency
3000K	>80	L80(50,000hrs)	MacAdam 3 SDCM
4000K	>80	L80(50,000hrs)	MacAdam 3 SDCM

Dimensions

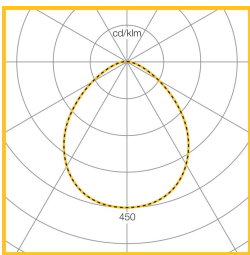


H	KG	KG(EM)	CAØ	Ø
90	0.35	1.35	165	192

Photometric Performance

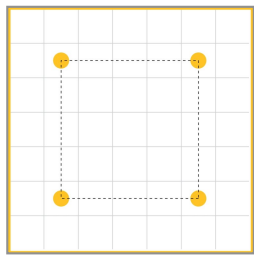


11.8W, LED,
1184lumens
LOR = 100%
SHR MAX = 1.55



18.8W, LED,
1987lumens
LOR = 100%
SHR MAX = 1.55

Performance Guide



Lamps	18.8W LED
Illuminance	194 lux
Spacing	3.0m x 3.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7
Working plane	0.0m

To Specify

Recessed LED IP44 downlight with spun aluminium body finished white and counter sunk polycarbonate diffuser. Supplied complete with remote driver, and suitable for ceiling thicknesses 1-30mm. Cut aperture 165mm
– as Whitecroft Lighting XR1
