



Optics

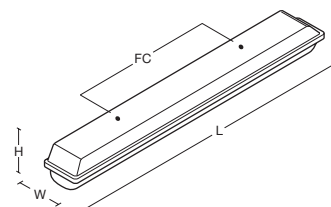
- Lumen output options:
 - 2250 lumens (23W)
 - 2850 lumens (29W)
 - 3800 lumens (36W)
 - 4400 lumens (44W)
 - 5500 lumens (55W)
 - 7400 lumens (73W)
 - 8850 lumens (90W)
- 4000K
- High impact polycarbonate injection moulded diffuser

Body

- IP65
- GRP body finished light grey
- Surface mounted with cable or conduit entry
- Suitable for exterior areas i.e. under a canopy or covered environment but not in direct sunlight or open areas exposed to adverse weather conditions. Not for installation in a environment liable to produce standing water on the fitting or IP glands
- Stainless steel clips (lockable via screw fixing)
- Wireless communicating slave/master integral Command 5 detectors are available for controlling groups of up to 15 luminaires.



Dimensions



Version	L	W	H	FC	KG	KG
2250/3800 lumen	1275	100	103	840	3.4	4.4
4400/7400 lumen	1275	170	103	840	5.0	6.0
2850 lumen	1575	100	103	1140	4.0	5.0
5500/8850 lumen	1575	170	103	1140	5.8	6.8

Order Codes

ACF DuraLED	Fixed Output	3 hr Emergency
2250 lumens (23W)	ALH114K	ALH114KEM
2850 lumens (29W)	ALH124K	ALH124KEM
3800 lumens (36W)	ALH134K	ALH134KEM
4400 lumens (44W)	ALH254K	ALH254KEM
5500 lumens (55W)	ALH264K	ALH264KEM
7400 lumens (73W)	ALH274K	ALH274KEM
8850 lumens (90W)	ALH284K	ALH284KEM

Accessories

HOOK SUSPENSION KIT

ACFHOOCKIT

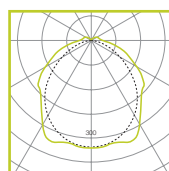
Options

DALI DIMMING	Replace H with Y	i.e. ALY114KEM
COMEPS	Add suffix /EP	i.e. ALH114K/EP
COMMAND 5		
WIRELESS MASTER	Replace H with Q5WMR	i.e. ALQ5WMR114K
COMMAND 5		
WIRELESS SLAVE	Replace H with Q5WSR	i.e. ALQ5WSR114K

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 3.5 SDCM

Photometric Performance



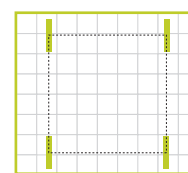
44W LED 4000K
4429 lumens
• LOR = 100%
• SHR MAX = 1.59

Utilisation Factors UF(F)

Room Reflectance	Room Index	C	W	F	1.00	3.00	5.00
		0.70	0.50	0.20	0.67	0.94	1.00

Performance Guide

Lamps	Illuminance	Spacing
44W LED	269 lux	3.5m x 3.5m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 3.2m
Working Plane: 0.0m

Equivalent Lamp Types

4400 Lumen Output	
T5 lamp	2 x 28W
7400 Lumen Output	
T5 lamp	2 x 54W

To Specify

IP65 LED anti-corrosive luminaire with GRP body and high impact polycarbonate injection moulded linear prism diffuser. One piece seamless gasket for increased life and protection – as Whitecroft Lighting ACF DURALED