



Optics

- Output options:
 - 2800 lumens (19W)
 - 3900 lumens (27W)
 - 4600 lumens (33W)
 - 6400 lumens (48W)
 - 7500 lumens (50W)
 - 9500 lumens (69W)
- 4000K cool white colour temperature
- High impact polycarbonate injection moulded opal diffuser for maximum uniformity

Body

- GRP body finished light grey
- Surface mounted with cable or conduit entry
- Plastic toggle clip lock mechanism
- IP66 suitable for mounting externally but only under canopies, not in direct sunlight or open areas exposed to adverse weather conditions. Not for installation in an environment liable to produce standing water on the fitting or IP glands
- Optional hook suspension kit

Controls

Optional integral Command 5 Eco or Command 5 set-back microwave detectors are available for fixed output products

- 360° detection; maximum range shown in diagram
- Detection can be reduced by selecting the combination on a DIP switch to maximise performance in specific applications (10/25/50/75/100%)
- 5 seconds to 30 minutes time delay
- Command 5 with set-back has additional functionality and can be set to one of two configurations:
 - Microwave presence detection with ON/OFF operation\
 - Microwave presence detection with High/Low/Off set-back functionality. Can be set to switch from 100% down to set-back position of 50%, 30%, 20%, 10% or OFF.

NB. Detectors are not suitable for use with DALI luminaires

ACL industry

Order Codes

Version	Fixed Output	3hr Emergency
2800 lumens (19W)	ACH24K	ACH24KEM
3900 lumens (27W)	ACH34K	ACH34KEM
4600 lumens (33W)	ACH44K	ACH44KEM
6400 lumens (48W)	ACH64K	ACH64KEM
7500 lumens (50W)	ACH74K	ACH74KEM
9500 lumens (69W)	ACH94K	ACH94KEM

Accessories

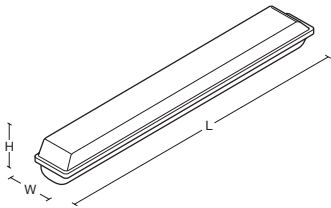
Hook suspension kit	ACFHOOKKIT
Stainless Steel securing clips (QTY 8)	ACLSSCLIP

Options

DALI	Replace H with Y	i.e. ACY24K
COMEPS	Add suffix EP	i.e. ACH24KEP
COMMAND 5 ECO*	Add Q5 before H	i.e. ACQ5H24K
COMMAND 5 WITH SET BACK*	Replace H with Q5SR	i.e. ACQ5SR14K

*Detector not suitable for use with DALI luminaires

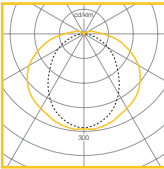
Dimensions



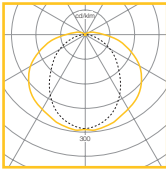
Version	L	W	H	KG	KG
2800, 3900, 4600, 6400 lumens	1282	145	101	2.8	3.3
7500, 9500 lumens	1578	145	101	3.4	3.9

For fixing centres see installation guide

Photometric Performance



33W LED
4000K
4600 lumens
• LOR = 100%
• SHR MAX = 1.67



48W LED
4000K
6400 lumens
• LOR = 100%
• SHR MAX = 1.67

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.62	0.90	0.98

Utilisation Factors UF(F)

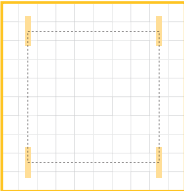
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LED Performance

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

Performance Guide

Lamps	Illuminance	Spacing
33W LED	211 lux	4.0m x 4.0m



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

Equivalent Lamp Types

4600 Lumen Output	
T5 lamp	2 x 28W
6400 Lumen Output	
T5 lamp	2 x 35W

To Specify

LED IP66 anti-corrosive luminaire with GRP body with high impact polycarbonate injection moulded opal diffuser. High quality seamless gasket for extreme durability – as Whitecroft Lighting ACL INDUSTRY