



ACL Industry 600mm

Overview

A tough and corrosion resistant IP66 surface mounted solution suitable for high humidity areas or exterior mounting under a canopy or covered environments.

Optics

- Output options:
 - 658mm, 1651 lumens (13.6W)
 - 658mm, 3275 lumens (24.2W)
 - 1282mm, 2794 lumens (18.8W)
 - 1282mm, 3970 lumens (27.8W)
 - 1282mm, 4628 lumens (32.1W)
 - 1282mm, 6425 lumens (46.6W)
 - 1578mm, 7490 lumens (49.6W)
 - 1578mm, 9518 lumens (62.8W)
- Emergency Output:
 - 658mm versions - 414 lumens
 - 1282 & 1578mm versions - 433 lumens
 - High output (LHEM / LHEP) 1282mm & 1578mm versions - 1063 lumens
- 4000K cool white colour temperature
- For e-light LED options with increased luminous efficacy (lm/cw) use ACL Vitality
- High impact UV stabilised polycarbonate injection moulded opal diffuser for maximum uniformity

Body

- IP66 / IK08 rated
- GRP body finished light grey
- Surface mounted with cable or conduit entry
- Plastic toggle clip lock mechanism
- Supplied with ceiling fixing kit and plastic diffuser securing clips. If required stainless steel securing clips are available and are to be ordered separately
- 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
- Ambient operating temperatures:
 - Standard -20°C to 25°C ('94K variants)
 - Standard -20°C to 35°C ('04K variants)
 - Standard -20°C to 40°C ('14K, '64K & '74K variants)
 - Standard -20°C to 45°C ('24K, '34K & '44K variants)
 - Emergency -5°C to 25°C
- 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
- Also available with 'EW' Routefinder Wireless for addressable emergency testing without the need for a 2 core communication cable

Integral Controls Options

- Command 5 Eco microwave detectors for fixed output products:
 - 360° detection; maximum range shown in diagram
 - Detection area can be selected via a DIP switch to maximise performance in specific applications
 - Hold-on time is selectable between 5 seconds to 30 minutes time delay after the last movement is detected
- Command 5 with set-back has additional functionality to Command 5:
 - High/Low/Off set-back levels to switch from 100%light output down to 50/20/10/5% or OFF for a selectable time period between 10 seconds to 1 hour before full switch off, or remain at a low level indefinitely, until further movement increases output back to 100%

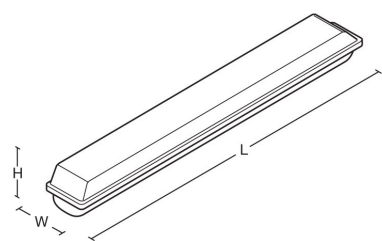
Notes:

- Command 5 detectors are not suitable for use with DALI luminaires.
- Integral controls are not available for 658mm long versions.

LED Performance

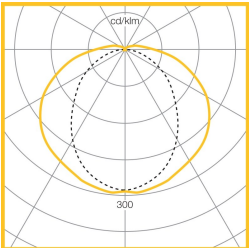
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

Dimensions



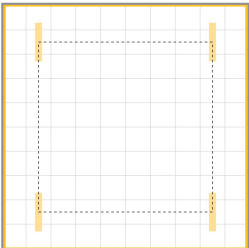
VERSION	L	W	H	KG	KG(EM)	Bracket Mount Centres	Cable Entry Points	Surface Mount Centres
1651, 3275 lumen	658	145	101	1.8	2.3	390	530	266
2800, 3900, 4600, 6400 lumen	1282	145	101	2.8	3.3	800	1050/1170	676
7500, 9500 lumen	1578	145	101	3.4	3.9	1100	1345/1170	976

Photometric Performance



6400 Lumen, 48W
LOR = 100.0%
SHR MAX = 1.67

Performance Guide



Lamps	33W LED
Illuminance	211 lux
Spacing	4.0m x 4.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	3.2m
Working plane	0.0m

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. Suitable for mounting externally under canopies, not exposed or in direct sunlight - as Whitecroft Lighting ACL INDUSTRY

Application images

