

# ACL Vitality

IP66 Anti-corrosive luminaire for demanding environments with independently accredited Whitecroft Vitality



## Overview

A tough and corrosion resistant IP66 surface mounted solution suitable for high humidity areas or exterior mounting under a canopy or covered environment. Whitecroft Vitality solution which is independently accredited by the Cradle to Cradle Institute® demonstrating a 'Circular Economy' ready product for future upgrades, easy replacement of components and excellent material health.

## Optics

- e-Light LEDs for maximum efficacy and long life
- Output options:
  - 658mm, 1651 lumens (12W)
  - 658mm, 3275 lumens (22W)
  - 1282mm, 2794 lumens (17W)
  - 1282mm, 3970 lumens (25W)
  - 1282mm, 4657 lumens (30W)
  - 1282mm, 6425 lumens (42W)
  - 1578mm, 7627 lumens (50W)
  - 1578mm, 9518 lumens (57W)
- Emergency Output:
  - 658mm versions - 589 lumens
  - 1282 & 1578mm versions - 592 lumens
- 4000K cool white colour temperature

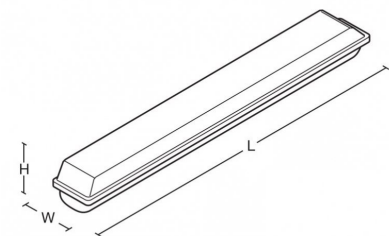
# Body

- 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 Ion Phosphate (LiFePo4) batteries

# LED Performance

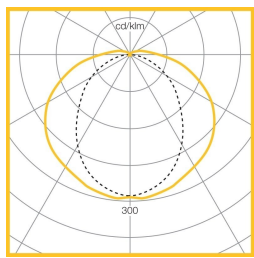
Colour Temp	RA (CRI)	Colour consistency
3000/4000K	>80	MacAdam 3 SDCM

# Dimensions



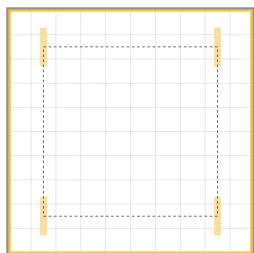
VERSION	L	W	H	KG	KG(EM)	FC
658mm	658	145	101	1.8	2.3	266
1282mm	1282	145	101	2.8	3.3	676
1578mm	1578	145	101	3.4	3.9	976

# Photometric Performance



Wide Beam  
LOR = 100%  
SHR MAX = 1.73

## Performance Guide



Lamps	30W LED
Illuminance	200 lux
Spacing	4.0 x 4.0m
Maintenance	0.8
Reflectance	70/50/20%
Ceiling Height	3.2m
Working plane	0.0m

## To Specify

Anti-corrosive luminaire for demanding environments. One piece seamless gasket for increased life and protection and high impact polycarbonate injection moulded opal diffuser. Independently accredited by the Cradle to Cradle Institute® demonstrating a 'Circular Economy' ready product for future upgrades, easy replacement of components and excellent material health - as Whitecroft Lighting ACL VITALITY