

# Radial AL



Anti-ligature surface cornice mounted luminaire for stairwells, circulation and general area lighting in Medium Secure Mental Health applications



## Overview

Meeting the requirements for IK10 and anti ligature giving maximum protection for service users and staff in Medium Secure Mental Health applications

The high quality diffuser material without a visible retaining frame produces a non-institutional feel, helping to create a reassuring space for the users

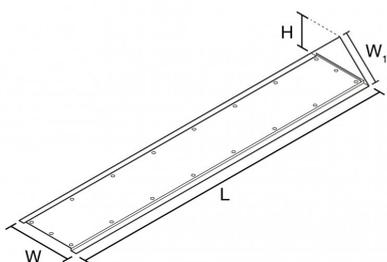
## Optics

- Frameless 6mm thick high quality clear polycarbonate with LED diffusing material
- 3000 and 4000K LED
- Asymmetric distribution
- Outputs:
  - 2200 lumens, 17W, 4000K
  - 3400 lumens, 26W, 4000K
  - 2046 lumens, 17W, 3000K
  - 3162 lumens, 26W, 3000K
- Emergency outputs:
  - 370 lumens, 4000K
  - 344 lumens, 3000K

# Body

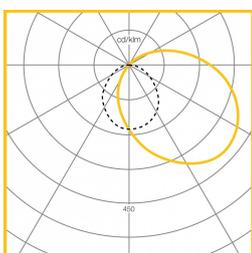
- IK10, IP44 rated protection
- No ligature points
- High grade fabricated steel body with welded corners for maximum strength
- White RAL 9003 finish
- Front face angled at 45° to deliver asymmetric light
- Tamperproof fixing screws
- DALI driver as standard
- Emergency options:
  - 3 hour self-contained
  - COMEPS wired addressable 3 hour s/c
  - Routefinder Wireless addressable 3 hour s/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

## Dimensions



VERSION	L	W	W1	H	KG	KG(EM)
All versions	1252	245	175	125	10.2	10.5

## Photometric Performance



4000K LED  
LOR = 100%  
SHR MAX = 1.81

## To Specify

Anti-ligature IK10 rated LED luminaire with asymmetric distribution for corner mounting. Constructed from high strength fabricated and welded steel body, 6mm thick impact resistant polycarbonate diffuser and tamperproof screws - as Whitecroft Lighting RADIAL AL

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