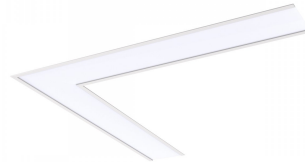


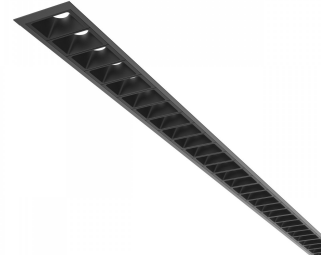
# Avenue Metro Recessed



Modular linear LED system for recessed mounting



Recessed, Opal, Corner, White



Recessed, Pod, Black



Recessed, Pod, White



Recessed, Opal, Organic Response, White

## Overview

Avenue Metro takes design and technology to new heights. The slim body creates a sense of space and drama, whilst continuous lines of light trace the contours of the building, complementing every interior design. Revolutionary optics use clustered LED arrays to deliver higher light output with low glare, reducing the number of installed points and adding to the minimalist design that Avenue Metro promotes.

## Optics

- Choice of optics:
  - Opal diffuser for general, circulation and feature areas
  - Hexaprism diffuser and Pod optic for visual comfort in office environments and glare control in EN12464-1 and LG7 compliant schemes
- All diffusers are TP(a) rated polycarbonate material
- White pods for white body (RAL 9003) luminaire
- Black pods for black body (RAL 9005) luminaire
- 4000K 'cool' or 3000K 'warm' white LEDs
- Ra80 standard, Ra90 available on request
- E-light LED as standard with Pod optic for increased luminous efficacy and reduced through life costs
- Low, medium or high outputs available
- Outputs should not be mixed in any continuous run
  
- Typical lumens per metre as follows:
  - Pod (white) - Low Output - 1193 lumens
  - Pod (white) - Medium Output - 1933 lumens
  - Pod (black) - Low output - 884 lumens

- Pod (black) - Medium output - 1367 lumens
  - Hexaprism - Low Output - 1150 lumens
  - Hexaprism - Medium output - 1610 lumens
  - Opal - Low Output - 1245 lumens
  - Opal - High Output - 2840 lumens
- Emergency Output:
    - Opal - 349 Lumens
    - Hexaprism - 261 Lumens
    - Pod - 290 Lumens

## Body

- IP44
- Modular options for clean continuous lines of light or for use as a stand-alone luminaire
- Extruded aluminium body with die cast end caps
- Choice of integral emergency options; 3 hour and addressable COMECS
- 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
- Body colour options white or black (black pods for black body luminaire)
- Through wiring as standard for simple electrical connection
- Cam joining mechanism delivers seamless join with no light loss
- Body lengths up to 3m, a 1.25m body allows any length over 2m to be achieved in 0.25m increments
- Corner units for creating signature shapes\*
- Optional integral Organic Response® wireless sensor that communicates with its neighbouring luminaires, automatically controlling light across the area†
- Recessed mounting kit supplied with luminaire
- End caps and continuous joining kits supplied separately
- Suspended and Surface options also available

\* Corner units for the Pod optic system are blank infills and not illuminated

† Every luminaire within an area to be controlled must have an integral Organic Response® detector. Wall switch and dongle are also available (supplied separately)

Note: All DALI variants require 1 DALI address per driver. COMECS addressable emergency variants will require an additional DALI address.

### Accessories

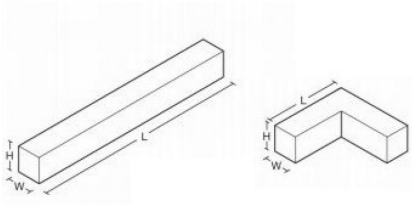
- White End Cap Kit (Pair) AORENDCW
- Black End Cap Kit (Pair) AORENDCB
- Continuous Mounting Kit AOCMOKIT \*\*\*

\*\*\* One continuous mounting kit per join

## LED Performance

Colour Temp	RA (CRI)	Life expectancy	Colour consistency
3000K / 4000K	>80	> 100,000 hrs	MacAdam 3 SDCM

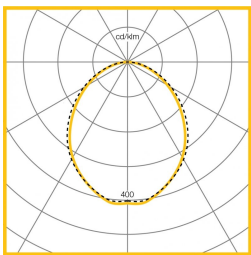
# Dimensions



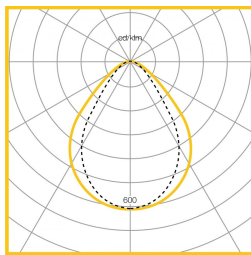
VERSION	L	W†	H	KG	KG(EM)	Min Void Depth	Cut Aperture
1m	1000	95	83	3.5	4.0	130	83
1.25m	1250	95	83	4.5	5.0	130	83
1.5m	1500	95	83	5.0	5.5	130	83
2m	2000	95	83	7.0	7.5	130	83
3m	3000	95	83	10.0	10.5	130	83
Corner	520	95	83	3.5	4.0	130	83
End Cap	15†	95	83	0.1	-	-	

† Includes 15mm flange  
 Refer to installation leaflet for full details of aperture preparation

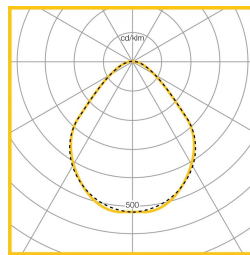
# Photometric Performance



Recessed Opal  
 LED 4000K  
 LOR = 100%  
 SHR MAX = 1.52



Recessed Pod  
 LED 4000K  
 LOR = 100%  
 SHR MAX = 1.45



Recessed  
 Prismatic LED  
 4000K  
 LOR = 100%  
 SHR MAX = 1.51

# To Specify

Modular linear LED system with a modern minimalist aesthetic for continuous or stand alone applications. TP(a) Opal diffuser for general, circulation and feature areas. TP(a) Prismatic diffuser or Pod optic for EN12464-1 compliant schemes. Create long lines and features of light with a seamless aesthetic – as Whitecroft Lighting AVENUE METRO RECESSED.

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## Application images

