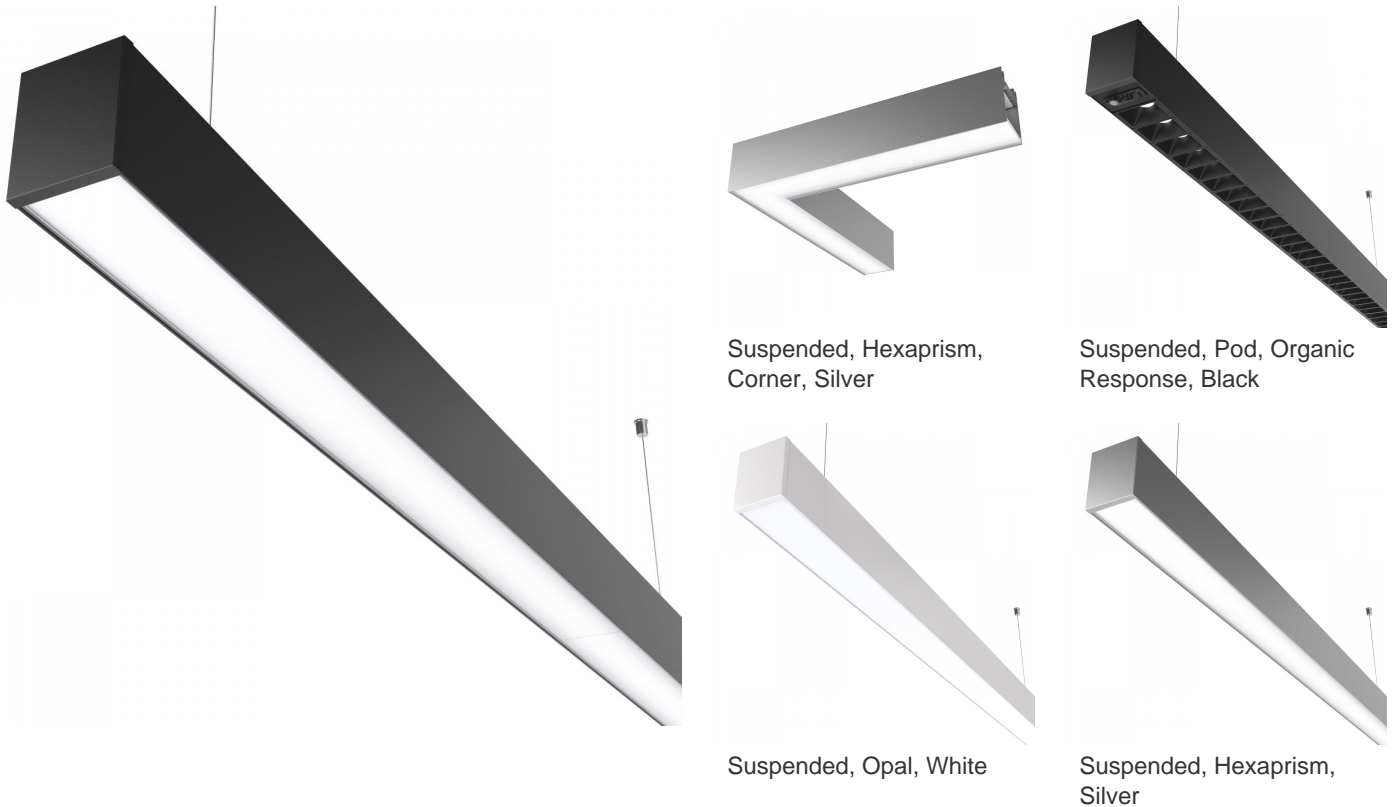


# Avenue Metro Suspended

Whitecroft  
lighting

Modular linear LED system with integral uplight for suspension mounting



## 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 or silver body luminaire
- Black pods for black body luminaire
- Integral uplight as standard with 80% downlight, 20% uplight ratio
- 4000K 'cool' or 3000K 'warm' white LEDs
- Ra80 standard, Ra90 available on request
- E-light LED as standard with Pod 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 - 1527 lumens
  - Pod (white) - Medium Output - 2484 lumens
  - Pod (black) - Low Output - 1068 lumens
  - Pod (black) - Medium Output - 1672 lumens
  - Hexaprism - Low Output - 1512 lumens
  - Hexaprism - Medium output - 2120 lumens
  - Opal - Low Output - 1581 lumens
  - Opal - High Output - 3645 lumens
- Emergency Output:
  - Opal - 349 Lumens
  - Hexaprism - 261 Lumens
  - Pod - 290 Lumens

## Body

- IP20, IK07 rated protection
- Modular options for clean continuous lines of light with or without infills 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
- Also available with 'EW' Routefinder Wireless for addressable emergency testing without the need for a 2 core communication cable
- Emergency variants supplied with Lithium Iron Phosphate (LiFePO<sub>4</sub>) 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
- Body colour options include silver (RAL 9006), white (RAL 9003) or black (RAL 9005), please note 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†
- Suspension mounting kits (1.5m drop) supplied separately
- End caps and continuous joining kits supplied separately
- End caps supplied and fitted on standalone versions
- For suspended without uplight, see Avenue Metro Surface
- Recessed and surface options also available

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

† Every luminaire within an area that's to be controlled must have an integral Organic Response® detector. Wall switch and dangle 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\*) AOPENDCW \*\*
- Continuous Mounting Kit AOCMOKIT \*\*\*
- Suspension Kit AOSUSKIT \*\*\*\*\*
- 1000mm Infill White AOP1000INFW \*\*
- 1250mm Infill White AOP1250INFW \*\*
- 1500mm Infill White AOP1500INFW \*\*
- 2000mm Infill White AOP2000INFW \*\*
- (\*\* Change 'W' to 'S' for silver or 'B' for black)

\* End caps required at the end of each continuous run

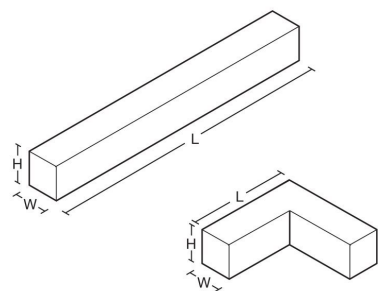
\*\*\* One continuous mounting kit per join

\*\*\*\*\* One suspension kit per luminaire and infill length (standalone and continuous)

# LED Performance

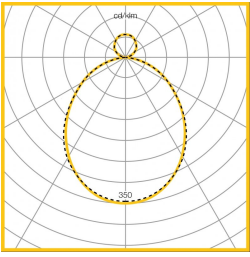
Colour Temp	RA (CRI)	Colour consistency
3000K / 4000K	>80	MacAdam 3 SDCM

## Dimensions

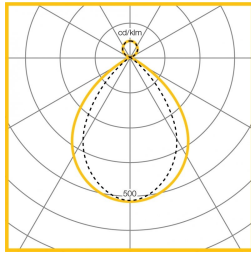


VERSION	L	W	H	KG	KG(EM)
1m	1000	80	100	4.0	4.5
1.25m	1250	80	100	5.0	5.5
1.5m	1500	80	100	6.0	6.50
2m	2000	80	100	8.0	8.50
3m	3000	80	100	12.0	12.50
Corner	520	80	100	4.5	5.0
End Cap	10	80	100	0.1	-
1m Infill	1000	80	100	2.7	-
1.25m Infill	1250	80	100	3.3	-
1.5m Infill	1500	80	100	4.0	-
2m Infill	2000	80	100	5.3	-

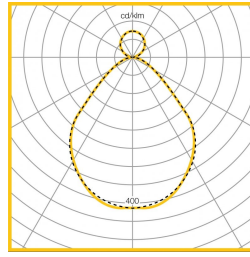
# Photometric Performance



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



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



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

## To Specify

Modular linear LED system with integral uplight and a modern minimalist aesthetic for continuous or stand alone applications. 80% downlight, 20% uplight ratio. 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 SUSPENDED.

## Application images

