

# Avenue Recessed

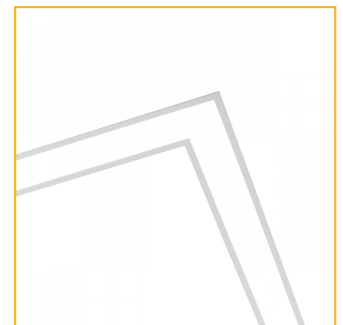
Recessed linear feature lighting system

Whitecroft  
lighting

IP20

IP44

LED



Avenue Recessed: Corner

## Overview

Avenue offers unparalleled flexibility for linear lighting in any application. Lines of unbroken LED light trace ceilings and walls, bringing buildings to life.

## Optics

- Light engines are available in either low or high output
- Low output light engines average 1080 lumens per metre
- High output light engines average 2750 lumens per metre
- Low Output†
  - 575mm 650 lumens (8W)
  - 1135mm 1300 lumens (15W)
  - 2270mm 2600 lumens (27W)
  - 3405mm 3900 lumens (41W)
  - 4540mm 5200 lumens (52W)
  - Corner unit, 650 lumens (8W)
- High Output
  - 575mm 1650 lumens (21W)
  - 1135mm 3300 lumens (38W)
  - Corner unit, 1650 lumens (21W)
- Emergency Output (BLF):
  - Opal - 325 Lumens
  - Hexaprism - 294 Lumens
- Outputs should not be mixed in any continuous run
- Choice of an opal diffuser for general, circulation or feature areas or a Hexaprism optic specifically for offices and LG7 compliant schemes†
- Lumens shown above relate to integration of the opal diffuser. When Hexaprism optic is used, lumens are reduced by

approximately 20%

- Diffusers are lay in as standard but clip in diffusers are available for recessing in wall
- Available with 3000K and 4000K LED

† Low output light engines less than 3000 cd/m2 at 65° elevation

## Body

- For complete freedom in configuring a bespoke linear system, Avenue employs a simple '3-step' build
- The 3 key components are purchased separately in specific sizes to meet the requirements of the design;
  - Bodies
  - Light engines
  - Diffusers
- Recessed linear system for ceiling or wall mounting
- Bodies supplied complete with continuous mounting kit and brackets
- RAL Colour: Silver RAL9006. White RAL9003.
- Available in continuous or stand alone units. All light engines are supplied with through wiring
- IP44 with opal or hexaprism lay-in diffuser (IP20 with clip-in diffusers)
- Corner luminaires are available for geometric freedom and versatility (for recessing in ceiling only)
- LEDs run the entire length of each light engine, eliminating dark spots and shadows
- Slim extruded aluminium body finished in white
- Choice of 3hr Emergency or COMECS emergency (can be wired as Easytest if required)
- Suitable for plasterboard and exposed T ceilings and wall mounting
- Avenue can also be supplied as surface mounted, please contact Whitecroft Technical Department for more information

## Order codes

### Body: Continuous

|                            |        |
|----------------------------|--------|
| Continuous Recessed, 575mm | AV2BRW |
|----------------------------|--------|

|                             |        |
|-----------------------------|--------|
| Continuous Recessed, 1135mm | AV4BRW |
|-----------------------------|--------|

\* Only suitable for continuous mounting, cannot be used for stand alone

### Body: Stand Alone

|                              |          |
|------------------------------|----------|
| Stand Alone Recessed, 1145mm | AV4BSTRW |
|------------------------------|----------|

### Light Engines: Low Output

|                                   |              | B50           |       |       |     |
|-----------------------------------|--------------|---------------|-------|-------|-----|
| Light Engines: Low Output (4000K) | Fixed Output | 3hr Emergency | L70   | L80   | L90 |
| 650 lumens (8W) for 575mm body    | AV21HL       |               | >100k | >100k | 74k |
| 1300 lumens (15W) for 1135mm body | AV41HL       | AV41HLEM      | >100k | >100k | 74k |
| 2600 lumens (27W) for 2270mm body | AV81HL       |               | >100k | >100k | 74k |
| 3900 lumens (41W) for 3405mm body | AV121HL      |               | >100k | >100k | 74k |
| 5200 lumens (52W) for 4540mm body | AV161HL      |               | >100k | >100k | 74k |

## Light Engines: High Output

|                                    |              |               |       | B50 |     |
|------------------------------------|--------------|---------------|-------|-----|-----|
| Light Engines: High Output (4000K) | Fixed Output | 3hr Emergency | L70   | L80 | L90 |
| 1680 lumens (20W) for 575mm body   | AV22HL       |               | >100k | 90k | 42k |
| 3300 lumens (38W) for 1135mm body  | AV42HL       | AV42HLEM      | >100k | 90k | 42k |

## Diffuser: Lay In

|                                   |         |
|-----------------------------------|---------|
| Opal, 575mm                       | AV2DA   |
| Opal, 1135mm                      | AV4DA   |
| Opal, for Stand Alone 1145mm      | AV4DAST |
| Opal, 2270mm                      | AV8DA   |
| Hexaprism, 575mm                  | AV2DM   |
| Hexaprism, 1135mm                 | AV4DM   |
| Hexaprism, for Stand Alone 1145mm | AV4DMST |

## Diffuser: Clip In

|                              |           |
|------------------------------|-----------|
| Opal, 1135mm                 | AV4DACL   |
| Opal, for Stand Alone 1145mm | AV4DACLST |
| Opal, 2270mm                 | AV8DACL   |

## Diffuser: For Corner Unit (Lay In Only)

|           |       |
|-----------|-------|
| Opal      | AVCDA |
| Hexaprism | AVCDM |

## Corner Units

| Corner Units                    | Fixed Output |
|---------------------------------|--------------|
| Low output, 660 lumens (8W)*    | AVCH1        |
| High Output, 1670 lumens (21W)* | AVCH2        |

## Accessories

|                                                |        |
|------------------------------------------------|--------|
| End cap kit for recessed (pair, inc. GST plug) | AVRECW |
|------------------------------------------------|--------|

## Options

|                |                  |               |
|----------------|------------------|---------------|
| COMEPS         | Add suffix /EP   | i.e AV41HL/EP |
| DALI DIMMING** | Replace H with Y | i.e AV41YL    |

\* Corners are supplied as a body and light engine. Diffusers must be ordered separately.

Corners can be used for both left and right orientation

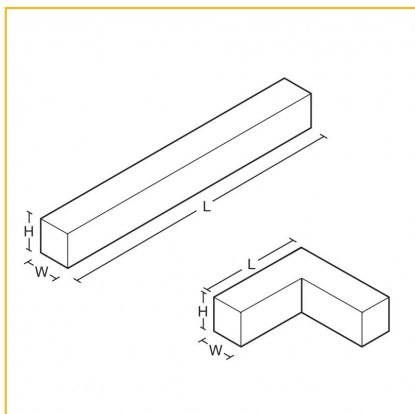
\*\* DALI Dimming range is 1-100% as standard. On AV21YL and AVCY1, the dimming range is 10-100%

For 3000K colour temperature, please contact Whitecroft

## LED Performance

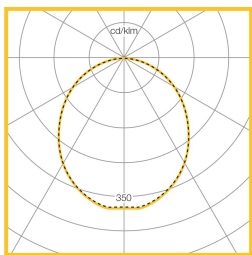
| Colour Temp | RA (CRI) | Colour consistency |
|-------------|----------|--------------------|
| 4000K       | >80      | MacAdam 3 SDCM     |

## Dimensions



| VERSION                      | L    | W  | H  | KG  | KG(EM) |
|------------------------------|------|----|----|-----|--------|
| Cont. Recessed, 0.6m         | 575  | 95 | 82 | 3   |        |
| Corner, Recessed             | 340  | 95 | 82 | 3.2 |        |
| Cont. Recessed, 1.2m         | 1135 | 95 | 82 | 4   | 5.5    |
| Stand Alone, Recessed, 1.2m* | 1145 | 95 | 82 | 4   | 5.5    |

## Photometric Performance



Recessed Stand  
Alone Hexaprism  
Optic 15W LED  
LOR = 100.0%  
SHR MAX = 1.47

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## To Specify

Recessed linear LED lighting system for continuous or stand alone application. TP(a) polycarbonate opal or Hexaprism diffusers and corners available. Creates long, uninterrupted lines and angles of light – as Whitecroft Lighting AVENUE RECESSED.

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## Application images

