

Suspended

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 or suspended linear system for ceiling or wall mounting
- Recessed bodies supplied complete with continuous mounting kit and brackets.
- Suspended bodies are supplied complete with continuous mounting kit and 1.5m wire suspensions.
- Up to 95 luminaire lumens per circuit watt
- Available in continuous or stand alone units. All light engines are supplied with through wiring
- Recessed IP40
- Suspended IP20
- 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
- Silver finish also available with suspended system
- Choice of 3hr Emergency or COMECS emergency (can be wired as Easytest if required)
- Suitable for plasterboard and exposed T ceilings and wall mounting

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
 - 0.6m, 650 lumens (8W)
 - 1.2m, 1300 lumens (15W)
 - 2.4m, 2600 lumens (28W)
 - 3.6m, 3900 lumens (41W)
 - 4.8m, 5200 lumens (55W)
 - Uplight kit, 1.2m, 650 lumens (9W)
 - Corner unit, 650 lumens (8W)
- High Output
 - 0.6m, 1650 lumens (20W)
 - 1.2m, 3300 lumens (41W)
 - Corner unit, 1650 lumens (20W)
- 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 10%
- Optional uplight kit for use in suspended system
- Diffusers are lay in as standard but clip in diffusers are available for wall mounting
- 4000K 'cool' white LEDs
- 50,000 hr life

avenue

Order Codes

Body: Continuous

Recessed, 0.6m

Recessed, 1.2m

Suspended, 1.2m

Suspended, 2.4m

Body: Stand Alone

Recessed, 1.2m

Suspended, 1.2m

Light Engines: Low Output

650 lumens (8W) for 0.6m body

1300 lumens (15W) for 1.2m body

2600 lumens (28W) for 2.4m body

3900 lumens (41W) for 3.6m body

5200 lumens (55W) for 4.8m body

Uplight kit, 650 lumens (9W) for 1.2m body

Fixed Output

AV21HL

AV41HL

AV81HL

AV121HL

AV161HL

AV41HLUP

3hr Emergency

-

AV41HLEM

-

-

-

-

Light Engines: High Output

1680 lumens (20W) for 0.6m body

3300 lumens (41W) for 1.2m body

Fixed Output

AV22HL

AV42HL

3hr Emergency

-

AV42HLEM

Corner Units

Low output, 660 lumens (8W)*

High output, 1670 lumens (20W)*

AVCH1

AVCH2

Diffuser: Lay in

Opal, 0.6m

Opal, 1.2m

Opal, for Stand Alone 1.2m

Opal, 2.4m

Hexaprism, 0.6m

Hexaprism, 1.2m

Hexaprism, for Stand Alone 1.2m

Diffuser

AV2DA

AV4DA

AV4DAST

AV8DA

AV2DM

AV4DM

AV4DMST

Diffuser: Clip in

Opal, 1.2m

Opal, for Stand Alone 1.2m

Opal, 2.4m

Diffuser

AV4DACL

AV4DACLST

AV8DACL

Diffuser: For Corner Unit (Lay in only)

Opal

Hexaprism

Diffuser

AVCDA

AVCDM

Accessories

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

End cap kit for suspended (pair, inc. GST plug)

AVRECW

AVSECW

Options

DALI DIMMING

Replace H with Y

i.e. AV21YL

COMEPS

Replace EM with /EP

i.e. AV41HL/EP

SILVER**

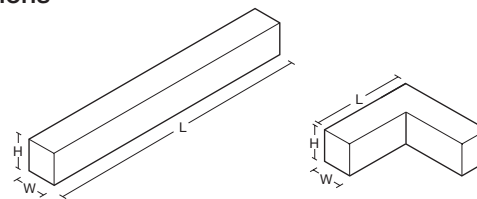
Replace W with S

i.e. AV4BSS

*Corners are supplied as a body and light engine. Diffusers must be ordered separately. Corners can be used for both left and right orientation

**Silver finish only available on suspended bodies

Dimensions



Version (inc. body, light engine and diffuser)	L	W	H	KG	KG
Continuous, Recessed, 0.6m	575	95	82	3.0	-
Continuous, Recessed, 1.2m	1135	95	82	4.0	5.5
Continuous, Suspended, 1.2m with uplight	1135	80	120	5.7	7.2
Continuous, Suspended, 2.4m with uplight	2270	80	120	11.4	13
Stand Alone, Recessed, 1.2m*	1145	95	82	4.0	5.5
Stand Alone, Suspended, 1.2m with uplight*	1145	80	120	5.7	7.2
Corner, Recessed	340	95	82	3.2	-

*Excludes end caps. End caps add 6mm to length

Ceiling Integration

Refer to common ceiling compatibility matrix – see Whitecroft website

Exposed T Grids

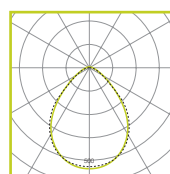
T15/T25 Pull up

Plasterboard

Prepared aperture (brackets are included with body)

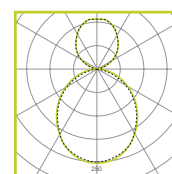
Photometric Performance

Recessed Stand Alone



Hexaprism optic
15W LED
1147 lumens
• LOR = 100%
• SHR MAX = 1.47

Suspended Stand Alone



Opal diffuser
24W LED
1934 lumens
• LOR = 100%
• SHR MAX = 1.54

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.78	1.01	1.06

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.60	0.86	0.93

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₈₀ (50,000hrs)	MacAdam 3.5 SDCM

To Specify

Recessed or suspended linear LED lighting system for continuous or stand alone application. Acrylic opal or Hexaprism diffusers and corners available. Creates long, uninterrupted lines and angles of light – as Whitecroft Lighting AVENUE.