



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.
- Available in continuous or stand alone units. All light engines are supplied with through wiring
- Recessed product is IP44 with opal lay-in diffuser (IP20 with Hexaprism or clip-in diffusers)
- Suspended product is IP20
- Corner luminaires are available for geometric freedom and versatility (for recessing in ceiling only)
- Optional spotlights with identical profile available to create 'dot and dash' effect. See Avenue Dot.
- 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

- 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 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 is used, lumens are reduced by approx. 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

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

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 3hr Emergency

AV21HL -
AV41HL AV41HLEM
AV81HL -
AV121HL -
AV161HL -
AV41HLUP -

Light Engines: High Output

1680 lumens (20W) for 0.6m body
3300 lumens (41W) for 1.2m body

Fixed Output 3hr Emergency

AV22HL -
AV42HL 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

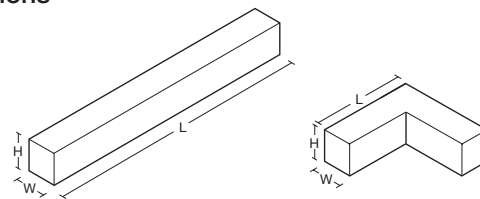
DALI DIMMING Replace H with Y i.e. AV21YL
COMEPS Replace EM with /EP i.e. AV41HL/EP
SILVER*** Replace W with S i.e. AV4BSW

*Less than 3000 cd/m² at 65° elevation

**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

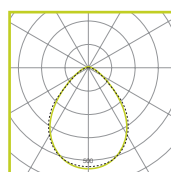
T15/T25 Pull up

Plasterboard

Prepared aperture (brackets are included with body)

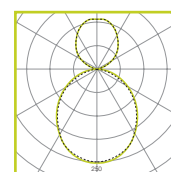
Photometric Performance

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.