


THORN

**Avenue
Virtual**





Elegant and sophisticated, Avenue Virtual is the newest member of the Avenue collection of 'indirect lighting' amenity luminaries and is in harmony with the rest of the range.

Designed by Bjarne Frost and Peter Møller

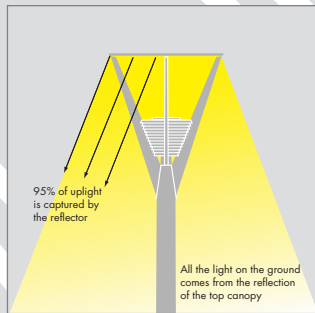
Avenue Virtual incorporates the latest in reflector design and technology to deliver both visual impact and excellent lighting performance through an indirect light distribution.

The new multi-ringed flat top reflector carefully directs and controls the light downward resulting in uniform lighting, no glare and minimised light pollution. To complement the most aesthetically demanding urban lighting design, Avenue's minimalist styling has been further refined with a new silver finish and high quality white light making it a perfect choice for architectural environments.

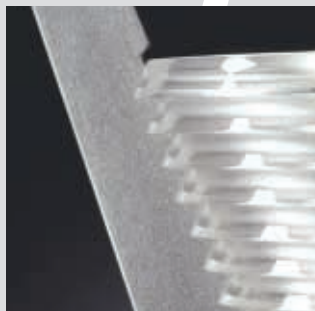
Applications for Avenue Virtual include retail plazas and commercial centres, precincts, esplanades, pedestrian and residential areas, car parks, city developments and urban regeneration projects.



- Luminaire and reflector design give 100% indirect lighting and prevent the spread of light above the horizontal, minimising light pollution
- Excellent performance: 95% of the light emitted from the light source is captured by the top reflector
- New flat top reflector with multiple rings eradicates glare whilst controlling the light distribution for excellent uniform illuminance
- Minimalist appearance whilst maintaining design consistency with the Avenue range
- Decorative lamp shield provides visual appeal
- Silver effect finish for high visual impact
- Dedicated elegant post top mounted lighting columns integrate perfectly with the lantern
- Electronic ballast in the column ensures stable and efficient operation of the luminaire
- High quality white light lamps complement the luminaire aesthetics and increase scope of application
- Wall mounted versions available on request



bottom reflector



Decorative lamp shield



Galvanised steel column



Lamps

70W, 150W CDM-T/HCI/
CMH single ended metal halide
compact ceramic, cap: G12

Materials/Finish

Canopy: die-cast aluminium,
powder coated silver colour,
textured (close to RAL 9006)
Top reflector: pressed semi-
specular aluminium with clear
lacquer protection
Closure screen: heat resistant
Borosilicate glass, coated with
weather resistant optical
lacquer for optimal transmission
of light
Bowl: pressed anodised
aluminium. Outer surface
treated for optimal weather
resistance
Lamp shield: UV stabilised PC
Arm and arm base: die cast
aluminium, powder coated silver
colour, textured (close to RAL
9006)
Column: 76mmØ, 3m galvanised
steel. 90mmØ, 3m aluminium,
powder coated silver colour,
textured (close to RAL 9006)
Both column versions for root or
flange mounting.
Cylindrical section gear box
mounts in column, and is used
with connection box. Both Class I
Electrical

Installation/Mounting

Lantern recommended mounting
height 3 to 4m.
Post-top lantern: suitable for
60mmØ x 100mm long spigot
Columns: root or flange plate
mounted. Flange plate version
fixes via four 20mmØ holes at
200mm centres
Wall mounting lantern available
on request.

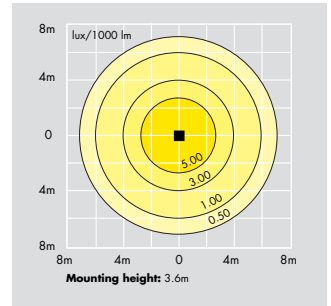
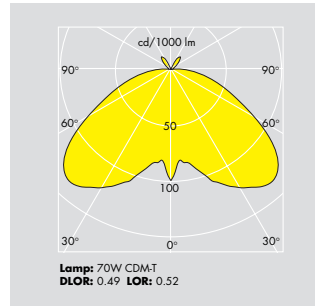
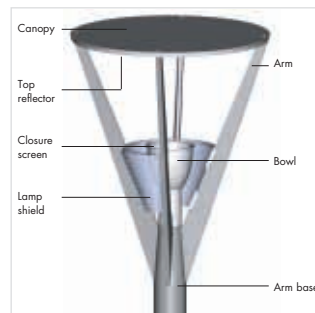
Standards

Designed and manufactured to
comply with EN 60598/ENEC
EMC: EN 55015
Class I electrical
IP65
IK08 (5 joules) shock resistant

Specification

To specify lanterns state:
Aluminium bodied conical lantern
for post top mounting with UV
resistant polycarbonate lamp
shield and Borosilicate glass
closure screen, powder coated
silver colour, textured, IK08. Flat
top reflector with multiple rings.
Indirect lighting, for use with
CDM-T lamp.
As Thorn Avenue Virtual.

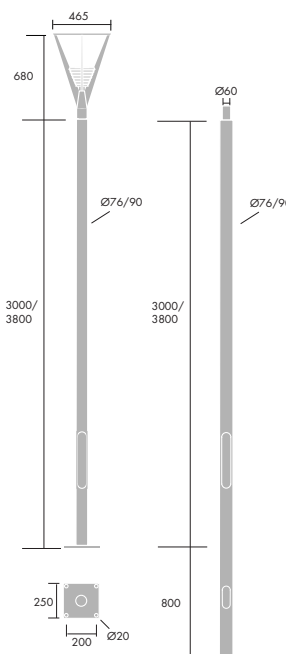
To specify columns state:
3m cylindrical galvanised steel or
aluminium with silver effect finish
column. Supplied for root/flange
mounting.
As Thorn Avenue Virtual Column.



Ordering Guide

lamp to be ordered separately. For complete assembly please specify
gear tray, lantern, connection box and column (with burying support if
required).

Lamp Type & Rating	Description	Weight (Kg)	Cat. No.
Gear Tray			
CDM-T 70W	In-column gear tray, electronic ballast	1.1	AVVGT70
CDM-T 150W	In-column gear tray, electronic ballast	1.4	AVVGT150
Description		Weight (Kg)	Cat. No.
Lantern			
Avenue Virtual Lantern		9.0	AVVL
Connection box			
Connection box, for use with in-column gear tray		0.3	AVVCB
Column			
Galvanised steel, 76mm shaft, 3m above ground, flanged		27.0	AVVC3.76F
Painted aluminium, 90mm shaft, 3m above ground, flanged		11.0	AVVC3.90F
Galvanised steel, 76mm shaft, 3.8m above ground, rooted		34.0	AVVC380.76R
Painted aluminium, 90mm shaft, 3.8m above ground, rooted		14.0	AVVC380.90R
Accessories			
Finned burying support for 76 and 90mmØ flanged columns		2.3	AVVFB



Aluminium column



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