

# CONCEPT® LOW CONE AL8030



## Benefits

- High performance and versatility
- 0% ULOR with the flat glass option
- End of life refurbishment

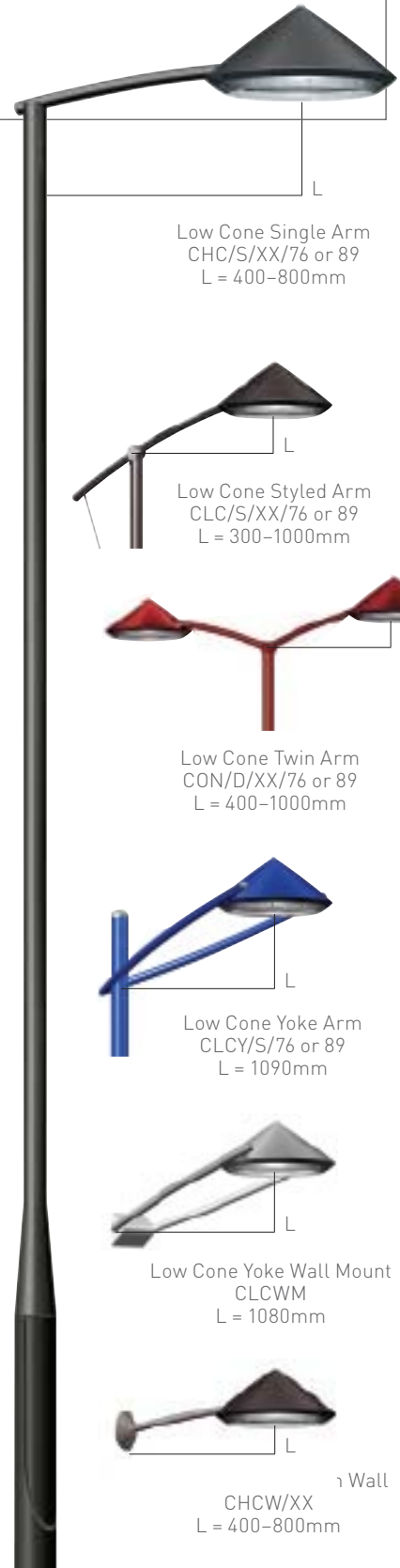
## Features

- Aluminium canopy and trim finished in durable, polyester powder coating
- Die-cast aluminium central chassis designed to accept multiple bracket options
- Highly polished, anodised aluminium reflector
- GRP decorative bezel finished in silver
- Polycarbonate bowl with low profile styling or flat glass version for low light pollution applications

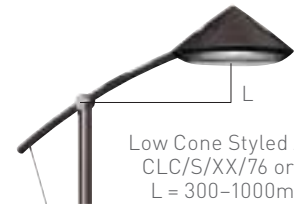
- Offered with the 8m, 6m and 5m height Low Cone contemporary column
- Electronic control gear up to 150W
- Central chassis module sealed to IP65
- Accepts up to 250W metal halide or high pressure sodium lamps
- Integral control gear to 150W (excluding 50° variable beam)

## Colours

- RAL9005 Black
- RAL9007 Gunmetal
- RAL9006 Silver
- RAL9003 White
- RAL3020 Red
- Interpon 610 Blue



Low Cone Single Arm  
CHC/S/XX/76 or 89  
L = 400-800mm



Low Cone Styled Arm  
CLC/S/XX/76 or 89  
L = 300-1000mm



Low Cone Twin Arm  
CON/D/XX/76 or 89  
L = 400-1000mm



Low Cone Yoke Arm  
CLCY/S/76 or 89  
L = 1090mm

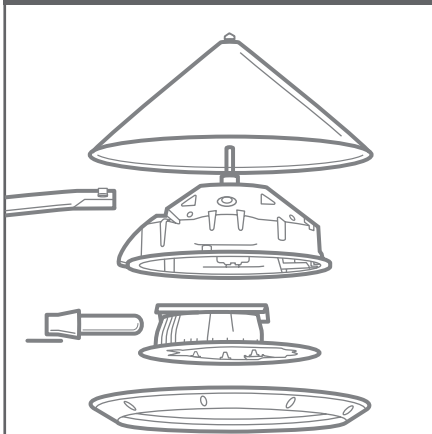


Low Cone Yoke Wall Mount  
CLCWM  
L = 1080mm



CHCW/XX  
L = 400-800mm

## Low Cone canopy



### Low Cone Exploded View

The Concept Low Cone lantern comprises a canopy, reflector and bezel with flat glass or low profile bowl. The chassis construction allows it to be fully refurbished with different canopies to adapt to changing styles or applications and the redundant parts can be recycled or reused, to help compliance with the WEEE Directive.

## Variable Beam Reflector



### Variable Beam Reflector

The innovative, patented Variable Beam Reflector is at the heart of the success of the Concept lantern. Its unique design incorporates a series of highly polished and anodised reflector segments; these can be positioned in a variety of positions to deliver four beam options for optimum lighting results across a range of applications.

- 5° axial or elongated lighting distribution ideal for pathways
- 15° road lighting distribution
- 30° oblong light distribution or square distribution when mounted in a twin lantern arrangement
- 50° forward throw to light wide areas

	Lamp wattage and type	Lamp holder	Description	Weight (Kg)*	Windage (m²)
<b>AL8031</b>	70/100/150/250W SON/HQI	E27/E40	Low profile bowl Variable Beam Reflector	14.67	0.11
<b>AL8032</b>	70/100/150/250W SON/HQI	E27/E40	Flat glass Variable Beam Reflector	15.56	0.10

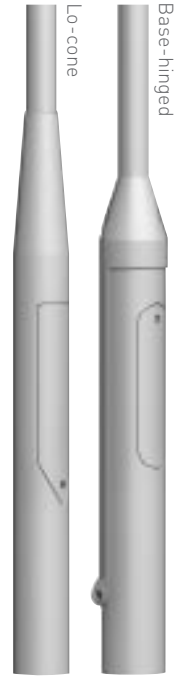
\*Max in range.



## Column and bracket options

Choose between fixed and base hinged

	8m	6m	5m		8m	6m	5m
Fixed	TB081/LO-CONE	TB060/LO-CONE	TB050/LO-CONE	Base diameter (mm) Shaft diameter (mm) Base height (mm) Flange plate (mm) Root length (mm) Door opening (mm) Cable entry (root) (mm)	168	140/168	140/168
Base	T088RLH/2PXXXX	T068RLH/2PXXXX	T051RLS/2PXXXX		89	76	76
Yoke	CLCY/89	CLCY/76	CLCY/76		Type 1	Type 0	Type 0
Styled	CLC/S/XX/89	CLC/S/XX/76	CLC/S/XX/76		1200	1000	800
Single	CHC/S/XX/89	CHC/S/XX/76	CHC/S/XX/76		600 x 115	500 x 100	500 x 100
Twin	CON/D/XX/89	CON/D/XX/76	CON/D/XX/76		150 x 50	150 x 50	150 x 50
Single Wall	-	-	CHCW/XX				
Yoke Wall	-	-	CLCWM/XX				
<b>Accessories</b>							
<b>ELS955/8</b>	Single phase, cut-out, 6A, termination plate						
<b>ELS955/9</b>	Twin fuse cut-out, 6A, termination plate						
<b>AL8030PC</b>	Photocell option, miniature, two part up to 150W						



Columns and brackets finished hot dip galvanised then spray painted with 2-pack acrylic coat. Wet finish 190 microns.



## Key features

<p><b>1.</b></p>	<p><b>2.</b></p>	<p><b>3.</b> Contour in Lux. MF=1.0</p>	<p><b>4.</b> Contour in Lux. MF=1.0</p>	<p><b>5.</b> Contour in Lux. MF=1.0</p>	<p><b>6.</b> Contour in Lux. MF=1.0</p>
<p><b>Dimensions &amp; Mounting</b> Mounting height: 5m – 8m</p>	<p><b>Maintenance</b> Access the lamp and control gear by lowering the bezel (secured by ¼ turn fasteners)</p>	<p><b>5° Single Concept® Lantern</b> 150W SON-PT Mounting height: 8m</p>	<p><b>15° Single Concept® Lantern</b> 150W SON-PT Mounting height: 8m</p>	<p><b>30° Single Concept® Lantern</b> 150W SON-PT Mounting height: 8m</p>	<p><b>50° Single Concept® Lantern</b> 150W SON-PT Mounting height: 8m</p>

All dimensions are in mm.