

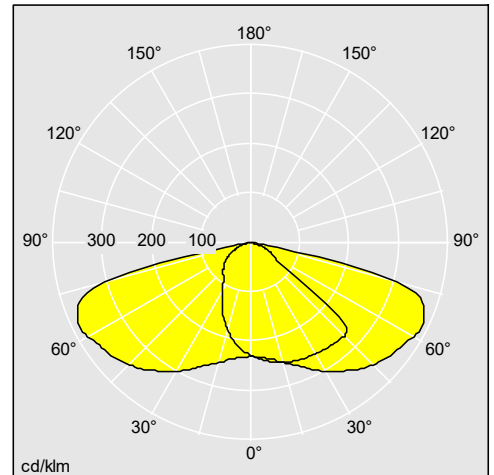
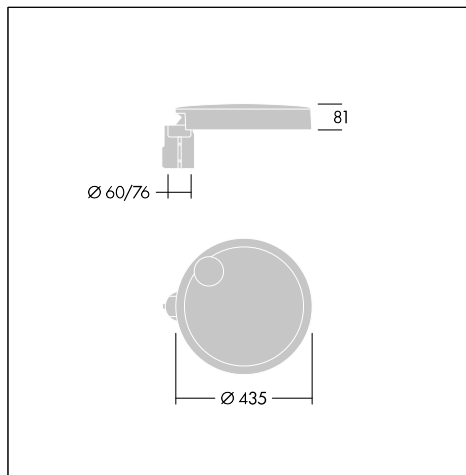
## Carat

### Elegant urban lantern with durable performance

- IDA Dark Sky Approved
- \*IDA fixture seal of approval relates to  $\leq 3000$  K only and clear enclosures,  $\pm 10^\circ$  maximum tilt only. Luminaires must be mounted as photometered.
- Future proof with Zhaga interface Up, Down, Up and Down, Nighttune and variable light technologies
- Mostly recyclable and environmental respectful with its ULOR of 0%, R-PEC optics with warm colour temperatures (2200 K / 2400 K / 2700 K / 3000 K), internal louvre
- Durable with high quality materials made of C5 corrosion class die-cast aluminium as standard
- Flexibility of use : 2 size, top, lateral or suspended mountings, tiltings, dimming and new smart lighting functions to suit any urban application
- Light weight for ease of use, maintainable



Photographs, line drawings and photometric data are representative only. For specific product detail please select an individual product.



96634958

### Material/Finish

Housing, spigot: die-cast aluminium (EN AC 44300), powder coated texturized anthracite grey. Via the configurator: Spigot not painted (ANT-S), Texturized black (BK), Texturized light grey (GY) and 48 other RAL possibilities

Standard corrosion class C5 according to ISO 9223: 2012.

Glass: Toughened glass, 4 or 5 mm thickness

Fixings: stainless steel, with anti-galvanic treatment

### Installation/Mounting

- Available in 2 sizes and can be installed at various heights.
- Choice of mountings : post-top, lateral, suspended
- Universal spigot for lateral and post top installation with adjustable angles (lateral  $(-20^\circ/0^\circ)$  and post top  $(0^\circ/+15^\circ)$ , 5° steps.
- Choice of diameters to suit multiple masts and brackets ( $\varnothing 60$ mm and  $\varnothing 76$ mm post-top mounting,  $\varnothing 42$ mm and  $\varnothing 60$ mm lateral mounting, 34G male for suspended mounting, 2 versions MSU and MSUL).
- Light weight for ease of manipulation
- Pre-wired depending on version - (Any configuration, available in MyProduct Configurator).
- Recommended height for the small luminaire is 3 to 6m,
- Recommended height for the large luminaire is 6 to 10m.
- Additional features available for comfort and wellbeing in urban and residential streets and roads, parkings, transportation, city centres, pedestrian and cycle paths, parks and promenades

# Carat

## Specification

To specify state:

IP66, 2 size, corrosion resistant Class 5 decorative lantern with great versatility. With up to 12000 Lm (Small size) and 20 000 Lm (Large size), efficiency up to 165 Lm/W. IK possibilities : IK08 and IK10 (option). Electrical class 1 and class 2. Offering 4 mounting variants : post top, lateral, suspended, wall mounted. Wide optical offer with efficient Street R-PEC optical system, 26 R-PEC light distributions (symmetrical and asymmetrical). 2200 K / 2400 K / 2700 K / 3000 K / 4000 K colour temperatures, as standard. Internal back light control louvre, as standard. 10Kv surge protection multi pulse and 20Kv single pulse, as standard. Post top reversible spigot pre-assembled for diameter 60mm or 76mm post top mounting and diameter 60mm or 42 mm lateral mounting. Delivered by default in post top mounting. Tilting possibilities for lateral (-20°/0°) and for post top (0°/+15°). 2 suspended versions through 34G, with short (MSU) and long (MSUL) threaded tube. A large choice of colour painting as standard : Texturized anthracite (ANT) by default - Texturized black (BK), Texturized light grey (GY), 48 other RAL possibilities and Spigot not painted (ANT-S). Not pre-wired or pre-wired (through configurator) with lengths of cable from 3 to 12m.

DALI dimmable(HFX) / Bi-Power (BP) / Constant Light Output (CLO)/Bi-power Line (BPL)/Light Reduction Twin Phases (LRT)/ Zhaga interface Up, Down, Up and Down (ZU, ZD, ZUD) / N7 Integral Nema socket - 7 pin / PM Integral mini photocell / Multi-Layers Dimming Scenario 1 (MLD1 with NightTune), NightTune (722-40) and Variable light solution.

Can be combined with decorative brackets and columns.

As Thorn Carat

## Ordering Guide

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
<b>Carat small</b>				
CT S 12L25-730 NR CL1 T76F ANT	LED		6,7	96635141
CT S 12L35-730 NR CL1 T76F ANT	LED		6,7	96635142
CT S 12L50-730 NR CL1 T76F ANT	LED		6,7	96635143
CT S 12L70-730 NR CL1 T76F ANT	LED		6,7	96635144
CT S 12L105-730 NR CL1 T76F ANT	LED		6,7	96635145
CT S 24L25-730 NR CL1 T76F ANT	LED		6,8	96635146
CT S 24L35-730 NR CL1 T76F ANT	LED		6,8	96635147
CT S 24L50-730 NR CL1 T76F ANT	LED		6,8	96635148
CT S 24L70-730 NR CL1 T76F ANT	LED		6,8	96635149
CT S 24L105-730 NR CL1 T76F ANT	LED		7,1	96635150
CT S 36L25-730 NR CL1 T76F ANT	LED		6,9	96635151
CT S 36L35-730 NR CL1 T76F ANT	LED		6,9	96635152
CT S 36L50-730 NR CL1 T76F ANT	LED		6,9	96635153
CT S 36L70-730 NR CL1 T76F ANT	LED		7,2	96635154
CT S 36L80-730 NR CL1 T76F ANT	LED		7,4	96635155
<b>Carat large</b>				
CT L 36L25-730 NR CL1 T76F ANT	LED		8,9	96635156
CT L 36L35-730 NR CL1 T76F ANT	LED		8,9	96635157
CT L 36L50-730 NR CL1 T76F ANT	LED		8,9	96635158
CT L 36L70-730 NR CL1 T76F ANT	LED		9,2	96635159
CT L 36L105-730 NR CL1 T76F ANT	LED		9,5	96635160
CT L 48L25-730 NR CL1 T76F ANT	LED		9,3	96635161
CT L 48L35-730 NR CL1 T76F ANT	LED		9,3	96635162
CT L 48L50-730 NR CL1 T76F ANT	LED		9,3	96635163
CT L 48L70-730 NR CL1 T76F ANT	LED		9,5	96635164
CT L 48L80-730 NR CL1 T76F ANT	LED		9,7	96635165
CT L 60L25-730 NR CL1 T76F ANT	LED		9,6	96635166
CT L 60L35-730 NR CL1 T76F ANT	LED		9,6	96635167
CT L 60L50-730 NR CL1 T76F ANT	LED		9,6	96635168

## Carat

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
CT L 60L70-730 NR CL1 T76F ANT	LED		9,6	96635169
CT L 60L80-730 NR CL1 T76F ANT	LED		9,8	96635170