

AUROX

Aurox Core Canopy

- Quality lowbay with four-way selectable power output (36/60/90/120W) at 5000K
- 120° beam angle provides even illumination for open spaces
- Energy-efficient illumination up to 180lm/W
- Designed to function in a range of temperatures, from -30 to 50°C, making it ideal for use in a variety of conditions
- IP65 rating provides exceptional resistance to weather and moisture
- IK08 rated alloy construction and tempered glass lens is robust for commercial environments



ORDERING INFORMATION	
Order code	15561
Description	Ektor Aurox Power Adjustable 5000K CRI 80 Canopy Light 30/60/80/120W Surface
Driver Type	Fixed output
Item Code	EV-AUROX-CORE-120

MECHANICAL	
IP Rating	IP65
IK Rating	IK08
Adjustability	Fixed
Fitting Colour	White
Product Finish	Powder coated
Body Material	Aluminium
Diffuser Material	Glass
Installation Type	Surface mount

ELECTRICAL	
Working Temp Range	-30 to 50 °C
Input Frequency	50 Hz
Maximum Wattage	120 W
Input voltage	220-240V~
Surge Protection L-N	6KV
Surge Protection L/N-PE	10KV

LAMP	
Colour Rendering Index (CRI)	>80
CCT Configuration	Single
Macadam Steps (SDCM)	4-step MacAdam Ellipse
Beam Angle	115 °

LED LIFETIME	
LED Lifetime	>102000 hrs
<p>This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.</p>	

Ambient Temp (°C)	25 °C	40 °C
L90B10	48000 hrs	46000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

TM-21 Test Hours	17000 hrs
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COLOUR TEMPERATURE

36 Watts

5000 K 5700 lm

60 Watts

5000 K 10650 lm

80 Watts

5000 K 15450 lm

120 Watts

5000 K 22400 lm

DRIVER

Driver Type Fixed output

Driver Included Yes

Integrated Driver Yes

Dimmable No

Flex & Plug or Lead Length 300 mm

PSTLM 0.02

Short Term Light Modulation (PstLM): The requirement is that PstLM should be less than or equal to 1.0. This metric measures the short-term flicker severity and ensures that flicker is not perceptible or is at a level that does not cause discomfort or health issues.

SVM 0.01

Stroboscopic Visibility Measure (SVM): The requirement for SVM is that it should be less than or equal to 0.4. The SVM metric assesses the visibility of the stroboscopic effect, which can make moving objects appear to be stationary or moving in discrete steps, thus ensuring that this effect is minimized in lighting environments to prevent visual discomfort and safety hazards.

COMPLIANCE

Standards AS/NZS 60598.1
AS/NZS 60598.2.1
AS/NZS 61347.1
AS/NZS 61347.2.13
AS CISPR 15

WARRANTY

Commercial Use Warranty 5 RTB (Total 5 Years)

Warranty Operating Hours 15000 hrs

This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

DIMENSIONS

Product Height 65 mm

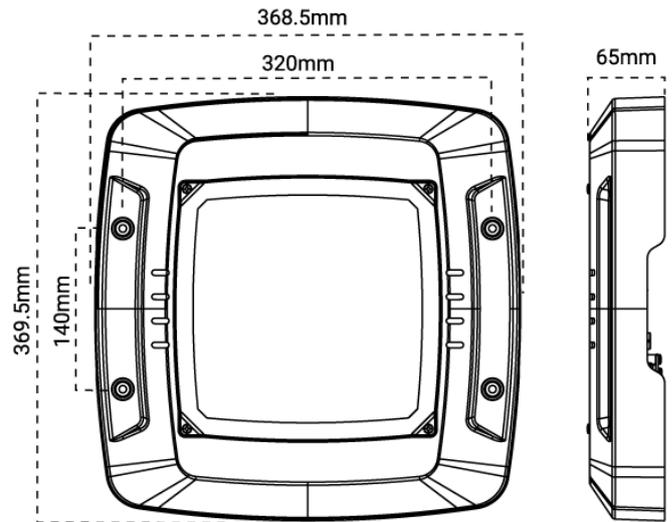
Product Length 368 mm

Product Width 369 mm

Product Weight 4000 g

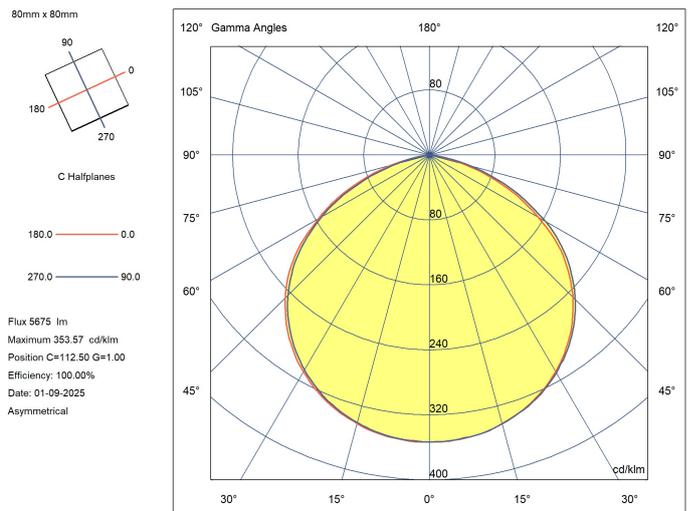
LINE DRAWINGS

EV/AUROX/CORE/120



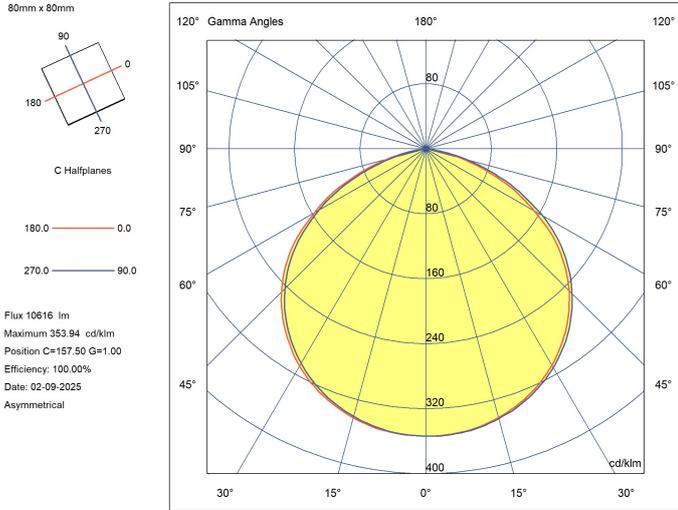
PHOTOMETRICS

EV/AUROX/CORE/120 36W

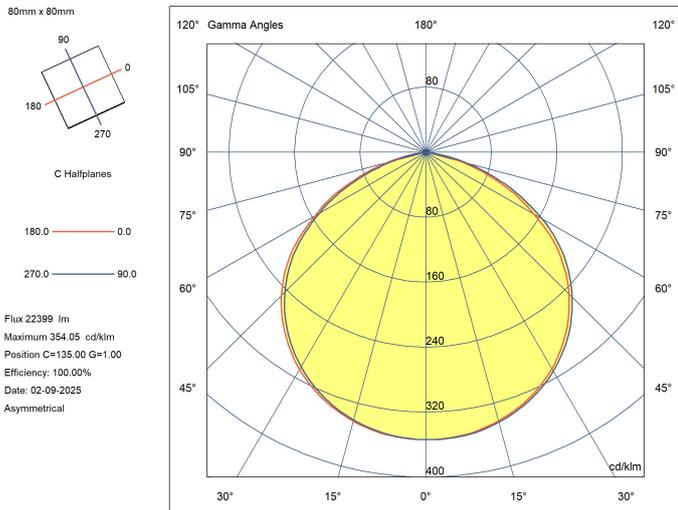




EV/AUROX/CORE/120 60W



EV/AUROX/CORE/120 120W



EV/AUROX/CORE/120 80W

