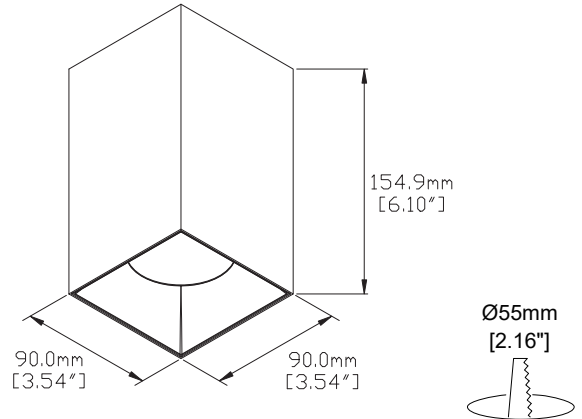


Specification sheet

REV.1

QUB 100CY S 15
Surface Cylinder, length 150mm



Description

QUB 100 is a MACRON solution for high-performance cylinder applications. The 150 mm version can drive upto 21W and deliver unmatched 1800 lm from a 3.5" (90 mm) aperture. QUB100 also features integrated drivers with 3-in-1 dimming technology, that are best suitable for open-ceiling applications. Twist-lock installation mechanisms, best-in-class lighting quality, and sleek aesthetics and finishes are just some details that distinguishes MACRON philosophy from others. QUB family is designed to integrate and complement your architectural aspiration.

Features

LED	Lumiled Luxeon COB1205
Color temperature	2700K/ 3000K/ 3500K/ 4000K
Optics	Spot 20° / Medium 25° / Wide 33° / Flood 56°
Driver	Integrated class 2 driver, power factor >0.90 Tri-dimmable, TRIAC/ ELV10-10V

Performance

Delivered output	Up to 1780 lm(90+ CRI)
Power consumption	21 W
Color rendering	90+ CRI
CBCP	Spot 6604cd / Medium 4501 cd / Wide 3540 cd / Flood 1772 cd
Lumen maintenance	L80,B10 50,000 hrs

Ordering Code Information

PRODUCT	SHAPE	LENGTH	COLOR TEMPERATURE	FINISH	BEAM ANGLE	COLOR RENDERING	INPUT/DIMMING
QUB 100 CY	S	15	27	WHBK	S	9	3AE
QUB 100 CY, Cylinder Surface Mount	S (Square)	15 (150 mm)	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K) WD (Warm Dim 1800-3000K) TW(Tunable White 2700-5000K)	WHBK (White/Black) BKGD (Black/Gold) BKBK (Black/Black)	S (Spot / 20 deg.) M (Medium / 25 deg.) W (Wide / 33 deg.) F (Flood / 56 deg.)	9 (90 CRI+)	3AE (120-277V / 0-10V Dimming & 120V TRIAC / ELV)

Electrical and Control

Input voltage	120V-277V
Control	TRIAC/ELV or 0-10V Dimming
Feature	Overload & short circuit protection

Construction

Material	Casting & Extrusion grade Aluminum Alloy
Finishes	Black body with gold trim/ Black body with black trim/ White body with black trim
Optics	Field Interchangeable optics

Rating/ Certification/ Warranty

- Dry and damp Locations
- RoHS compliant
- 5 years/ 50,000 hrs warranty

Photometrics

21W | 90CRI | 3000K | White body with Black trim

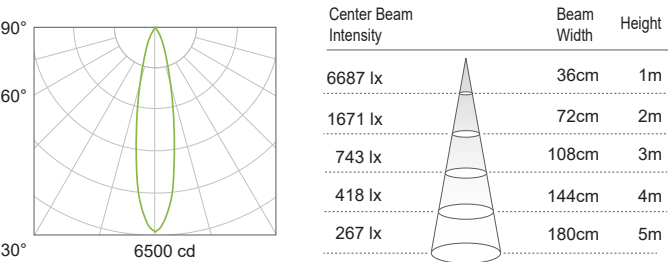
MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-90+CRI IES file on website)

CCT	2700K-80+	3000K-80+	3500K-80+	4000K-80+
Factors	1.11	1.16	1.18	1.21

CCT	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factors	0.96	1.0	1.04	1.08

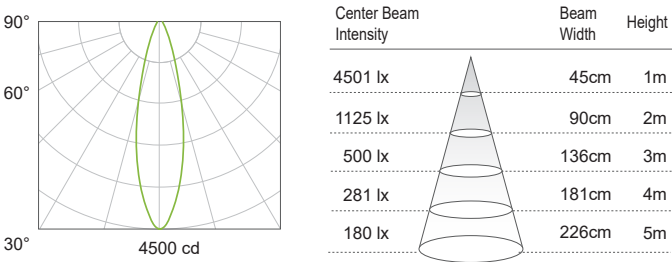
Spot 20°

Delivered Ourput : 1527 lm | CBCP : 6604 cd | Beam Angle : 20°



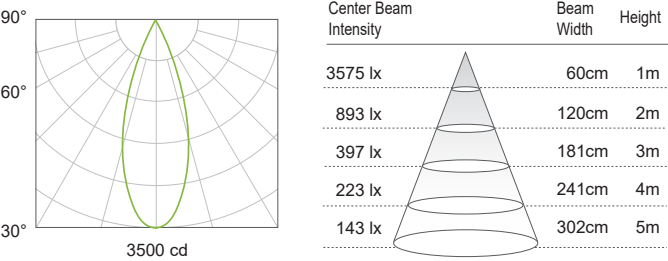
Medium 25°

Delivered Ourput : 1517 lm | CBCP : 4501 cd | Beam Angle : 25°



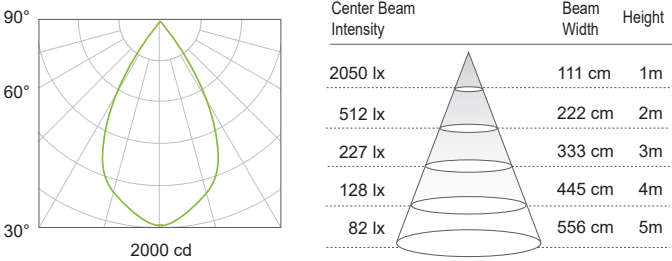
Wide33°

Delivered Ourput : 1564 lm | CBCP : 3540cd | Beam Angle : 33°



Flood 56°

Delivered Ourput : 1772 lm | CBCP : 2048 cd | Beam Angle : 56°



Optional Accessory

Product	ACC.	
VAL 100	HCL	
VAL 100	HCL Honey Comb Louver	