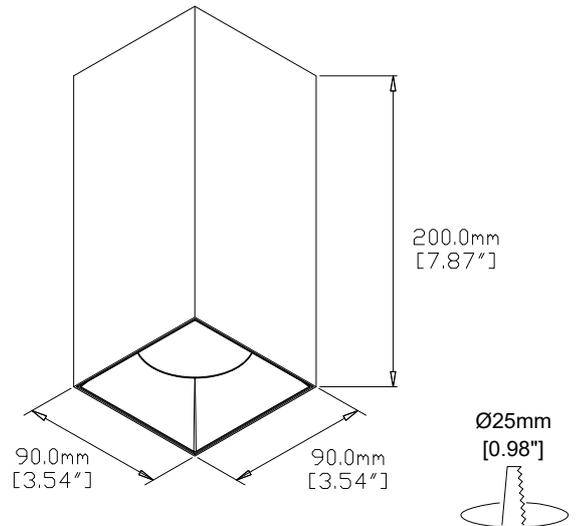
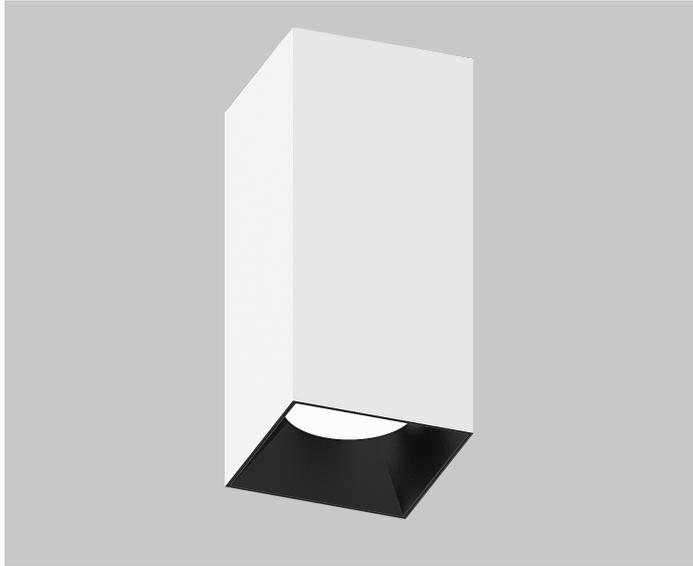


Specification sheet

REV.1

QUB 100 CY 20
Surface Cylinder, length 200mm



Description

QUB 100 is a MACRON solution for high-performance cylinder applications. The 200 mm version can drive upto 30W and deliver unmatched 2200 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 / WD(1800-3000K)
Optics	Spot 20° / Medium 25° / Wide 34° / Flood 55°
Driver	Integrated class 2 driver, power factor >0.90 Output current 700mA

Performance

Delivered output	Up to 2112 lm
Power consumption	28 W
Color rendering	90+ CRI
CBCP	Spot 8074cd / Medium 5818cd / Wide 4090 cd / Flood 2517 cd
Lumen maintenance	L80, B10 50,000 hrs

Ordering Code Information

PRODUCT	LENGTH	COLOR TEMPERATURE	FINISH	BEAM ANGLE	COLOR RENDERING	INPUT / DIMMING	BEZEL STYLE
QUB 100 CY	20	27	WH	S	9	3AE	STWH
QUB 100 CY, Cylinder Surface Mount	20 (200 mm)	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K) WD(1800-3000K)	WH (White) BK (Black) BP (Brushed Pewter) BC (Brushed Copper) SN (Satin Nickel)	S (Spot / 20 deg.) M (Medium / 25 deg.) W (Wide / 34 deg.) F (Flood / 55 deg.)	9 (90 CRI+)	3AE (120-277V, TRIAC/ELV0-10V Dimming)	ST WH BK

Electrical and Control

Input voltage	120V-277V
Control	TRIAC/ELV/0-10V Dimming, 50/60Hz (TRIAC/ ELV Dimming ON 120V ONLY)
Feature	Overload & short circuit protection

Construction

Material	Casting & Extrusion grade Aluminum Alloy
Finishes	WH / BK / BP / BC / SN
Optics	Field Interchangeable optics

Rating/ Certification/ Warranty

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

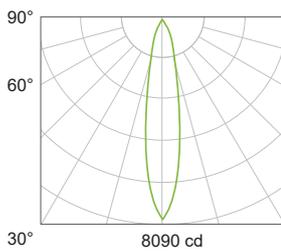
Photometrics

28W | 90CRI | 3000K | White body with Black trim

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

Spot 20°

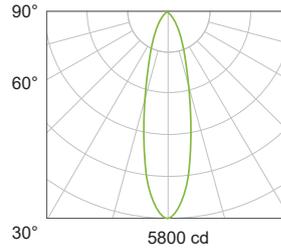
Delivered Ourput : 1888 lm | CBCP : 8074cd | Beam Angle : 20°



Center Beam Intensity	Beam Width	Height
8090 lx	36cm	1m
2022 lx	72cm	2m
899 lx	108cm	3m
507 lx	144cm	4m
323 lx	180cm	5m

Medium 25°

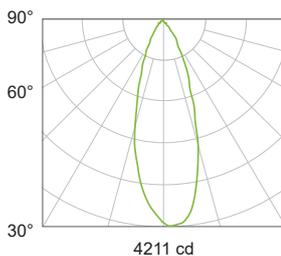
Delivered Ourput : 1942 lm | CBCP : 5818 cd | Beam Angle : 25°



Center Beam Intensity	Beam Width	Height
5834 lx	45cm	1m
1458 lx	90cm	2m
648 lx	135cm	3m
365 lx	180cm	4m
233 lx	225cm	5m

Wide 34°

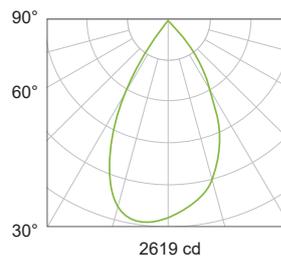
Delivered Ourput : 1932 lm | CBCP : 4090cd | Beam Angle : 34°



Center Beam Intensity	Beam Width	Height
4197 lx	64cm	1m
1049 lx	129cm	2m
466 lx	194cm	3m
262 lx	259cm	4m
167 lx	323cm	5m

Flood 55°

Delivered Ourput : 2112 lm | CBCP : 2517 cd | Beam Angle : 55°



Center Beam Intensity	Beam Width	Height
2578 lx	106 cm	1m
644 lx	212 cm	2m
286 lx	318 cm	3m
161 lx	423 cm	4m
103 lx	529 cm	5m