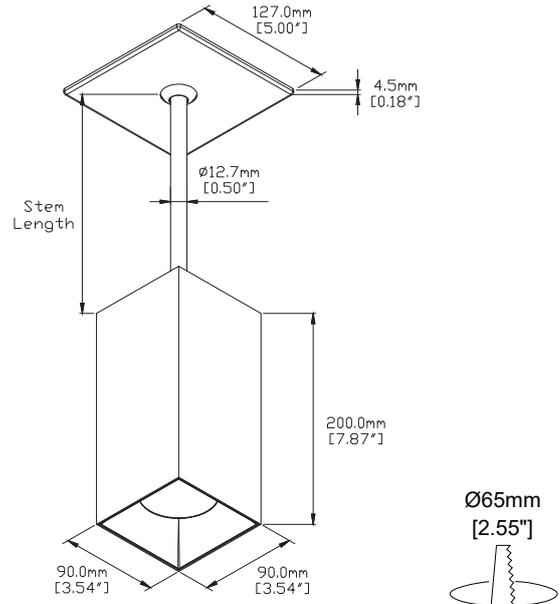


Specification sheet

REV.1

QUB 100 CS D/G 20 Cylinder Stem Mount



Description

QUB 100 is a MACRON solution for high-performance cylinder applications. The 200 mm version can drive upto 35W and deliver unmatched 2100 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 2528 lm (Down) / Up to 465 lm (Up)
Power consumption	35 W
Color rendering	90+ CRI
CBCP	Spot 7804 cd / Medium 5595 cd / Wide 4730 cd Flood 2962 cd / / Up Flood 150 cd
Lumen maintenance	L80, B10 50,000 hrs

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

Ordering Code Information

PRODUCT	MODE	LENGTH	STEM LENGTH	COLOR TEMPERATURE	FINISH OF BODY	BEAM ANGLE	COLOR RENDERING	INPUT / DIMMING	BEZEL STYLE
QUB 100 CS	D	20	12	27	WH	S	9	3AE	STWH
QUB 100 Cylinder, Stem Mount	D (Direct) G (Glow)	20 (200 mm)	12" 24" 48"	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K) WD (Warm Dim 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/ELV/0-10V Dimming)	ST WH BK

Photometrics

35W | 90CRI | 3000K | White body with Black trim

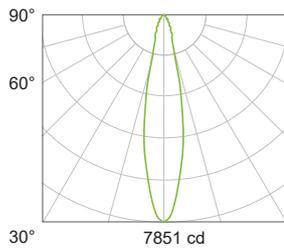
MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-90+CRI IES file on website)

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°

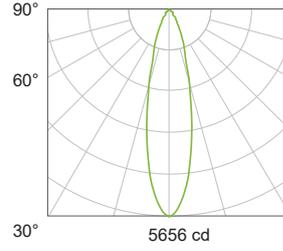
Delivered Ourput : 1937 lm | CBCP : 7804 cd | Beam Angle : 20°



Center Beam Intensity	Beam Width	Height
7837 lx	39cm	1m
1960 lx	79cm	2m
871 lx	118cm	3m
490 lx	157cm	4m
314 lx	197cm	5m

Medium 25°

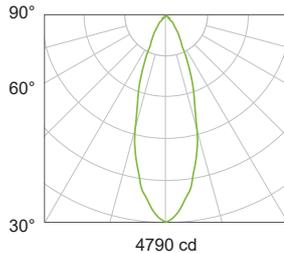
Delivered Ourput : 1952 lm | CBCP : 5595 cd | Beam Angle : 25°



Center Beam Intensity	Beam Width	Height
5646 lx	49cm	1m
1412 lx	97cm	2m
627 lx	146cm	3m
353 lx	194cm	4m
226 lx	242cm	5m

Wide 34°

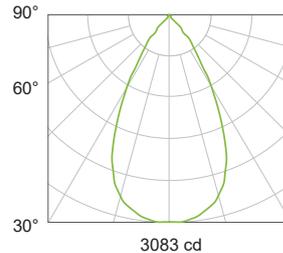
Delivered Ourput : 1985lm | CBCP : 4730 cd | Beam Angle : 34°



Center Beam Intensity	Beam Width	Height
4782 lx	58cm	1m
1196 lx	116cm	2m
531 lx	174cm	3m
299 lx	232cm	4m
191 lx	289cm	5m

Flood 55°

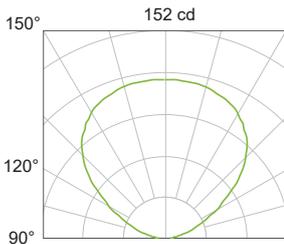
Delivered Ourput : 2528 lm | CBCP : 2962 cd | Beam Angle : 55°



Center Beam Intensity	Beam Width	Height
3083 lx	106 cm	1m
771 lx	209 cm	2m
343 lx	313 cm	3m
193 lx	417 cm	4m
123 lx	522 cm	5m

Up Flood 112°

Delivered Ourput : 465 lm | CBCP : 150 cd | Beam Angle : 112°



Center Beam Intensity	Beam Width	Height
6 lx	1597cm	5m
10 lx	1277cm	4m
17 lx	958cm	3m
38 lx	639cm	2m
152 lx	319cm	1m