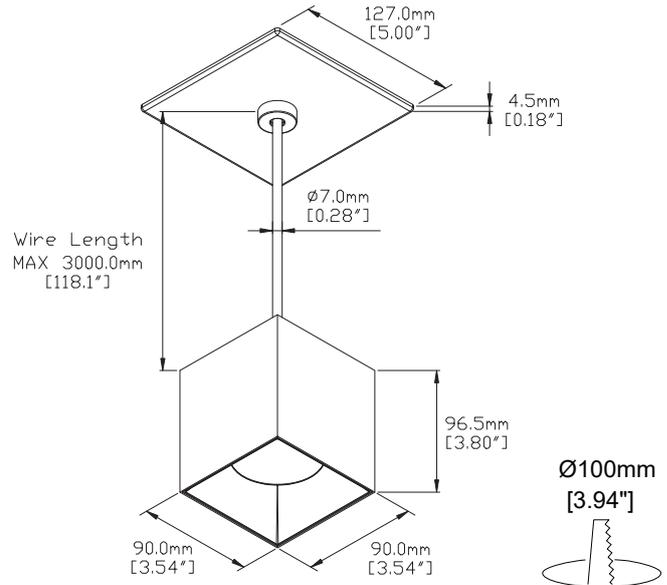


Specification sheet

REV.1

QUB 100 CP D SS 10 Pendant Cylinder, spot, length 100mm



Description

QUB100 is a MACRON solution for high-performance cylinder applications. The 100 mm version can drive up to 10 W and deliver unmatched 94 lm/W efficacy from a 3.5" (90 mm) aperture. 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 250mA

Performance

Delivered output	Up to 1780 lm(90+ CRI)
Power consumption	10 W
Color rendering	90+ CRI
CBCP	Spot 3428 cd / Medium 2397 cd / Wide 1864 cd / Flood 1141 cd
Lumen maintenance	L80, B10 50,000 hrs

Ordering Code Information

PRODUCT	MODE	MOUNTING TYPE	LENGTH	COLOR TEMPERATURE	FINISH	BEAM ANGLE	COLOR RENDERING	BEZEL STYLE
QUB 100 CP	D	SS	10	27	WH	S	9	STWH
QUB 100 CP Cylinder Surface Mount	D (Direct)	Surface spot	10 (100 mm)	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K) WD(1800-3000K)	WH BK	S (Spot / 20 deg.) M (Medium / 25 deg.) W (Wide / 34 deg.) F (Flood / 55 deg.)	9 (90 CRI+)	ST WH BK

Electrical and Control

Input voltage	See the ordering code
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

Recommend LED Driver:

Driver No.	Input Voltage	Dimming	Note
DE-1-250-10	120V	TRIAC/ELV	
DA-1-250-10	120-277V	0-10 V	

Photometrics

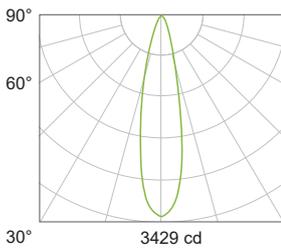
10W | 90CRI | 3000K | White body with Black trim

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

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

Spot 20°

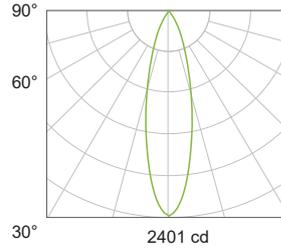
Delivered Output : 821 lm | CBCP :3429 cd | Beam Angle : 20°



Center Beam Intensity	Beam Width	Height
3429 lx	36cm	1m
857 lx	72cm	2m
381 lx	109cm	3m
214 lx	145cm	4m
137 lx	181cm	5m

Medium 25°

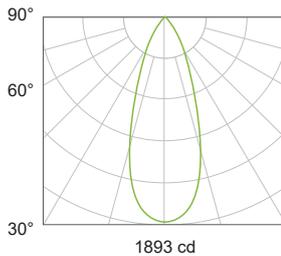
Delivered Output : 800 lm | CBCP : 2398 cd | Beam Angle : 25°



Center Beam Intensity	Beam Width	Height
2401 lx	46cm	1m
600 lx	92cm	2m
267 lx	137cm	3m
150 lx	183cm	4m
96 lx	229cm	5m

Wide 34°

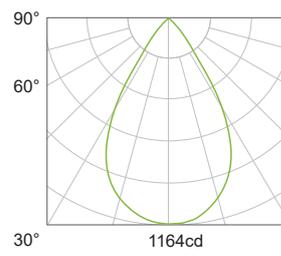
Delivered Output : 827 lm | CBCP : 1865 cd | Beam Angle : 34°



Center Beam Intensity	Beam Width	Height
1891 lx	62cm	1m
473 lx	124cm	2m
210 lx	185cm	3m
118 lx	247cm	4m
76 lx	309cm	5m

Flood 55°

Delivered Output : 941 lm | CBCP : 1141 cd | Beam Angle : 55°



Center Beam Intensity	Beam Width	Height
1161 lx	107 cm	1m
290 lx	215 cm	2m
129 lx	322 cm	3m
72 lx	430 cm	4m
46 lx	537cm	5m