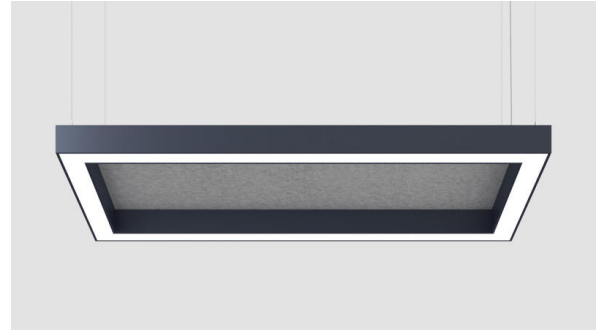




MACRO QUAD™

FULL SPECIFICATION SHEET



Fixture Type

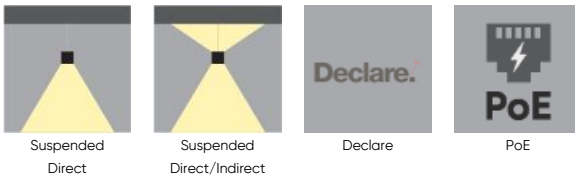
Fixture Code

Quantities

1 DESCRIPTION

The straight lines and right angles of the rectangle add a balanced and grounded feel to a space. With a robust 4" profile and several quadrilaterals ranging from 2' to 6' lengths, **MACRO QUAD** is ideal for creating and complementing grid effects or for creating sizable multi-tiered arrangements. For sound comfort, MACRO QUAD is available with an acoustic panel designed to absorb echo and reverberation associated with open-concept spaces, exposed concrete, open ceilings, and large windows.

2 OPTICS & FEATURES



3 APPROVALS



4 GENERAL SPECIFICATION

BODY AND TRIM

Steel and aluminum.

FINISH

Polyester powder coated.

POWER CABLE

Silver braided.

DIFFUSERS

Opal polycarbonate, supplied in sections.

INTEGRAL EMERGENCY SYSTEM

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The self contained system includes the inverter module, NiCad batteries, LED charge indicator and test switch (NA only). Not available with a 347V supply.

DRIVERS

Integral, HPF electronic drivers for 120-277V, 347V (EU-240V). The driver is integral to the fixture housing.

POE

Integrates into your data network via Power over Ethernet (PoE).

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K (min 80 CRI).

APPROVALS

Damp Rated.

SUSPENSION

Steel cables. Recommended minimum distance from ceiling: 12" (305mm) for white LEDs and 24" (610mm) for colored LEDs (only for direct/indirect).

MECHANICAL

Luminaires mount directly over J box (by others – North America only).

SENSORS

Consult factory regarding sensor compatibility.

L70 @25°C (77°F)

> 60,000 hrs.

SEISMIC BRACING

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

5 DESIGN OPTIONS

FIXTURE FINISH



¹ Longer lead time may apply, consult factory.

CANOPY FINISH



ACOUSTIC PANEL FINISH



Acoustic panels on quads exceeding 48" on the shorter side will have one seam. All other dimensions will be seamless.

For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages.

Other finishes available. Contact factory.

6 HOW TO ORDER

1. LUMINAIRE

MCQP1P02 2ft SQ Direct, 8500 lms	MCQP1P03 3ft SQ Direct, 12800lms	MCQP1P04 4ft SQ Direct, 17000lms	MCQP1P05 5ft SQ Direct, 21300lms
MCQP1P06 6ft SQ Direct, 25500lms	MCQP1P07 2ft x 4ft Direct, 12800 lms	MCQP1P08 3ft x 6ft Direct, 19100 lms	MCQP2P02 2ft SQ Direct/Indirect. 12300lms
MCQP2P03 3ft SQ Direct/Indirect, 18500 lms	MCQP2P04 4ft SQ Direct/Indirect, 24600 lms	MCQP2P05 5ft SQ Direct/Indirect, 30800 lms	MCQP2P06 6ft SQ Direct/Indirect, 36900 lms
MCQP2P07 2ft x 4ft Direct/Indirect, 18500lms	MCQP2P08 3ft x 6ft Direct/Indirect, 27700lms		

Consult factory for other sizes.

2. LMS/FT (DIRECT)

LPF057 575 lm/ft ¹	LPF085 850 lm/ft ²	LPF115 1150 lm/ft ³
--------------------------------------	--------------------------------------	---------------------------------------

¹ Based of 50% of total output.

² Based on 75% of total output.

³ 100% of total output.

3. LUMENS/FT (INDIRECT)

LPG000 Not required	LPG025 250 lm/ft ¹	LPG037 375 lm/ft ²	LPG050 500 lm/ft ³
----------------------------	--------------------------------------	--------------------------------------	--------------------------------------

¹ Based of 50% of total output.

² Based on 75% of total output.

³ 100% of total output.

4. CRI

CR80 CRI 80+	CR90 CRI 90+
---------------------	---------------------

5. CCT (DIRECT)

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
--------------------	--------------------	--------------------	--------------------

6. CCT (INDIRECT)

CTB00 Not required	CTB27 2700K	CTB30 3000K	CTB35 3500K
CTB40 4000K			

7. UPLIGHT DIFFUSER

UD0 Not required **UD1** Clear diffuser **UD2** Opal diffuser ¹

¹ 10% reduction on indirect lumens.

8. VOLTAGE

V1 120/277V **V2** 240V ¹ **V3** 347V ² **V4** Low Voltage ³

¹ Not available in North America.

² Available with DA01 dimming only.

³ Only available with DA45 dimming.

9. DIMMING

DA01 0–10V Dimming 1.0% **DA02** 0–10V Dimming 0.1% ¹ **DA20** DALI Dimming 0.1% ¹ **DA21** DALI Dimming 1.0% ¹
DA30 DSI/switchDim ² **DA45** PoE ³

¹ Not available with V3.

² Not available in North America.

³ Only available with V4.

10. FIXTURE FINISH

FA01 White **FA02** Black Metallic – Textured **FA20** Silver Metallic – Textured **FA25** Gold Metallic – Textured
FA27 Wood grain – Light Cherry ¹ **FA28** Wood grain – Dark Walnut ¹ **FA44** Midnight Blue Metallic – Textured **FA45** Copper Metallic
FA46 Charcoal Metallic – Textured **FA47** Bronze Metallic – Textured **FA52** Champagne Metallic **FA53** Red Metallic – Textured

¹ Longer lead time may apply, consult factory.

11. CANOPY FINISH

CF01 White **CF02** Black Metallic – Textured **CF20** Silver Metallic – Textured **CF25** Gold Metallic – Textured
CF44 Midnight Blue Metallic – Textured **CF45** Copper Metallic **CF46** Charcoal Metallic – Textured **CF47** Bronze Metallic – Textured
CF52 Champagne Metallic **CF53** Red Metallic – Textured

12. ACOUSTIC PANEL FINISH

AP00 Not required	AP02 Citrus	AP04 White	AP08 Red Coffee
AP11 Light Gray	AP13 Apple Green	AP22 Blue	AP26 Sesame Gray
AP27 Black	AP47 Navy Peony	AP60 Pure Red	AP73 Cloudburst
AP89 Douglas Fir	APW01 Oak		

Acoustic panels on quads exceeding 48" on the shorter side will have one seam. All other dimensions will be seamless.

For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages.

Other finishes available. Contact factory.

13. EMERGENCY

E0 Not required	E1 Emergency system – Integral ¹	E2 Emergency system – Remote ²
------------------------	--	--

¹ Direct illumination only, not available with 347V.

14. CIRCUITS

CS1 Single circuit	CS2 Dual circuit ¹
---------------------------	--------------------------------------

¹ Supplied with two power cables

15. CONTROLS

C0 Not required	C1 Encelium/Zigbee
------------------------	---------------------------

7 TECHNICAL DATA

LUMINAIRE

Consult factory for other sizes.

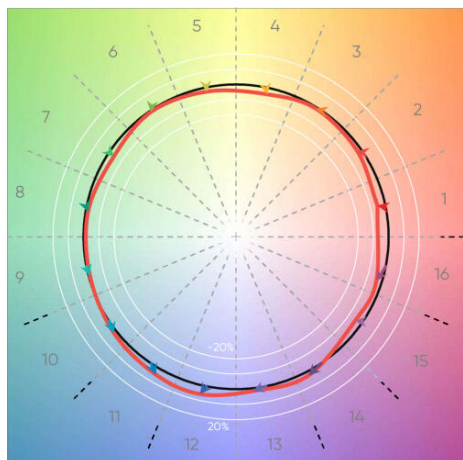
Code	MCQP1P02	MCQP1P03	MCQP1P04	MCQP1P05	MCQP1P06	MCQP1P07
Dimensions	2' SQ	3' SQ	4' SQ	5' SQ	6' SQ	2'x4'
Wattage	85W	125W	169W	209W	251W	125W
Light Direction	Direct	Direct	Direct	Direct	Direct	Direct
Delivered lms	8500	12800	17000	21300	25500	12800
LPW	100	102	101	102	102	102
# of Sections	1	1	1	1	1	1

Code	MCQP1P08	MCQP2P02	MCQP2P03	MCQP2P04	MCQP2P05	MCQP2P06
Dimensions	3'x6'	2' SQ	3' SQ	4' SQ	5' SQ	6' SQ
Wattage	187W	119W	178W	239W	296W	356W
Light Direction	Direct	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect
Delivered lms	19100	12300	18500	24600	30800	36900
LPW	102	103	104	103	104	104
# of Sections	1	1	1	1	1	1

Code	MCQP2P07	MCQP2P08
Dimensions	2'x4'	3'x6'
Wattage	181W	270W
Light Direction	Direct/Indirect	Direct/Indirect
Delivered lms	18500	27700
LPW	103	103
# of Sections	1	1

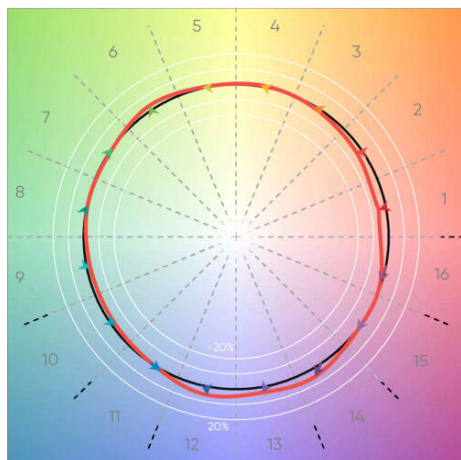
8 TM-30 DATA

CCT 2700K



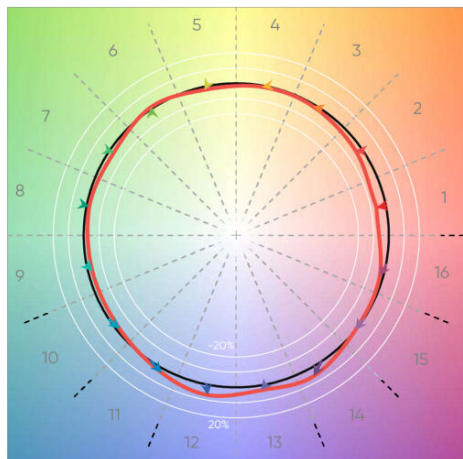
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



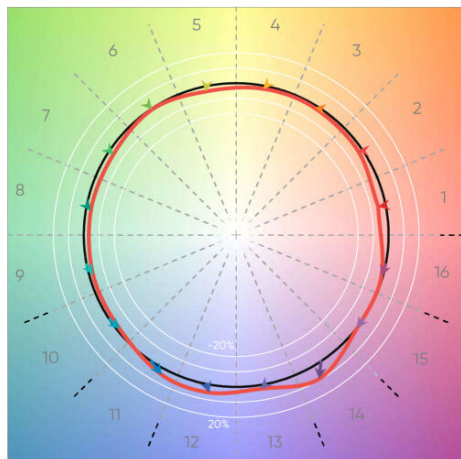
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K



CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K



CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

9 DIMENSIONAL DIAGRAMS

