



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. This fixture is available in 10 distinct finishes as well as 3 wood grain finishes in Light Cherry, Dark Walnut, and White Oak. 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



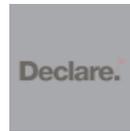
Suspended
Direct



Suspended
Direct/Indirect



Acoustic



Declare



PoE

3 APPROVALS



DAMP
LOCATION



IP20

4 GENERAL SPECIFICATION

BODY AND TRIM

Steel and aluminum.

FINISH

Polyester powder coated.

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).

ACOUSTIC PANELS NRC RATING

0.80

ACOUSTIC PANELS MATERIAL

100% recycled polyester fiber (PET).

DELIVERED LUMENS

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

APPROVALS

Damp Rated.

SUSTAINABILITY

Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

POWER CABLE

Silver braided.

LENS

Opal polycarbonate, supplied in sections.

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.

ACOUSTIC PANELS FIRE RATING

ASTM E84-2018 Class A.

ACOUSTIC PANELS THICKNESS

12mm (0.5")

L70 @25°C (77°F)

> 60,000 hrs.

SEISMIC BRACING

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

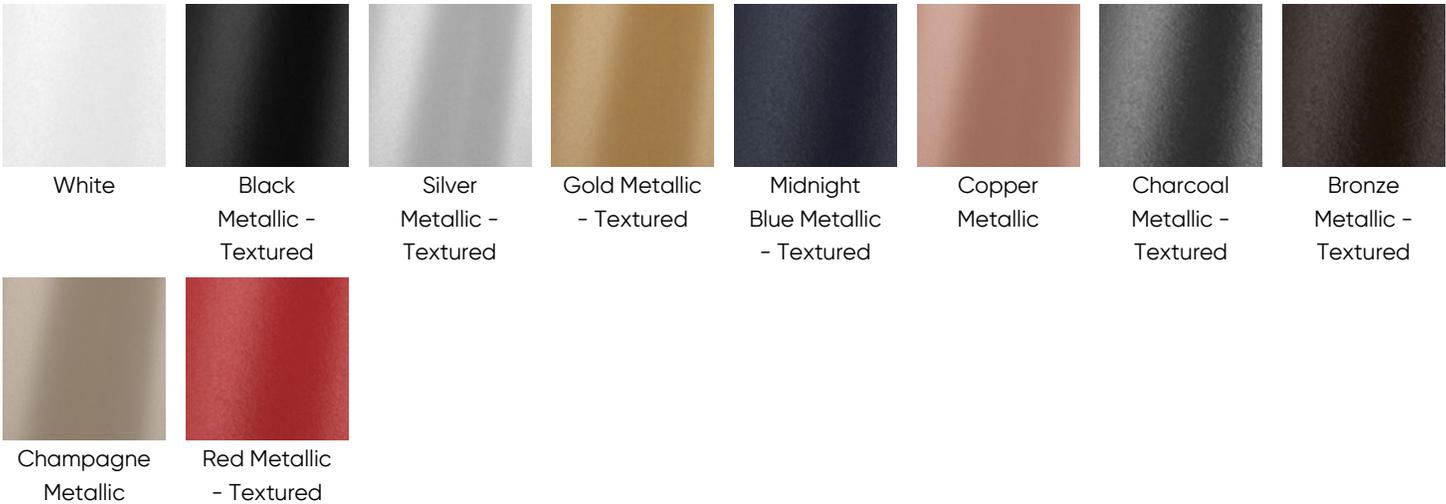
5 DESIGN OPTIONS

FIXTURE FINISH



¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

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
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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 on 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. INDIRECT LENS

UD0 Not required **UD1** Clear **UD2** Opal 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	FA30 Wood grain – White Oak 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 Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

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		

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13. EMERGENCY

E0 Not required	E1 Emergency system – Integral ¹	E2 Emergency system – Remote ²
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¹ Direct illumination only, not available with 347V. ² Direct/Indirect available with Remote only.

14. CIRCUITS

CS1 Single circuit	CS2 Dual circuit ¹
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¹ Supplied with two power cables.

15. CONTROLS

C0 Not required	C1 Encelium/Zigbee
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7 TECHNICAL DATA

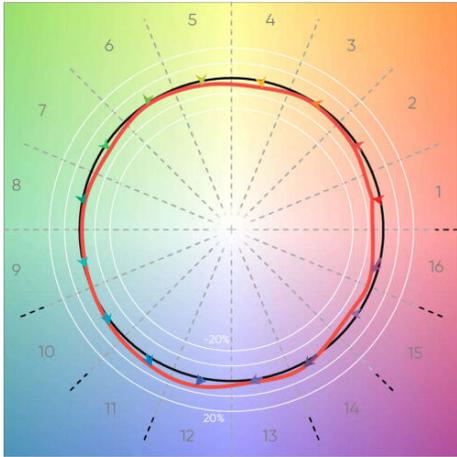
LUMINAIRE

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				

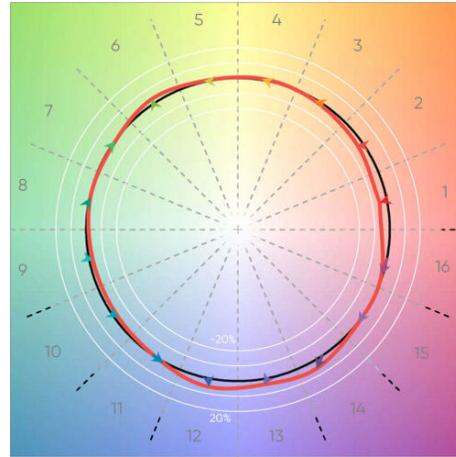
8 TM-30 DATA

CCT 2700K



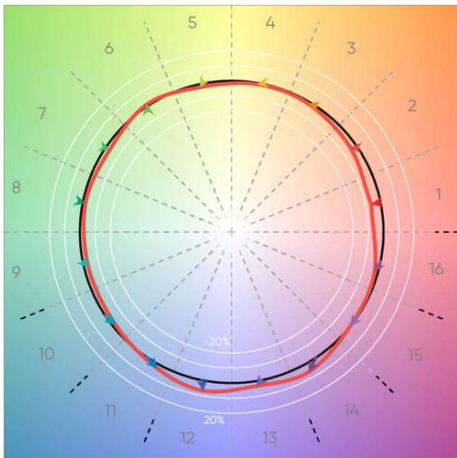
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



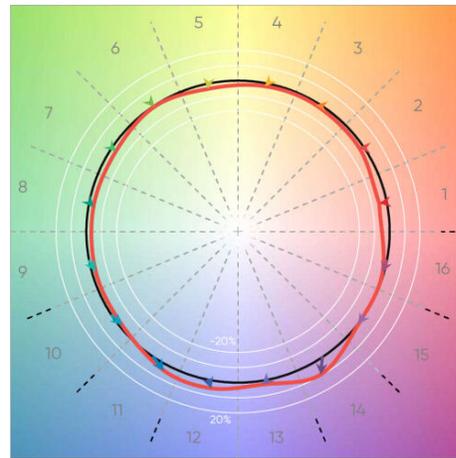
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

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

