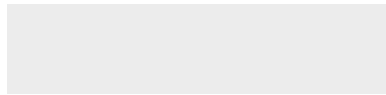
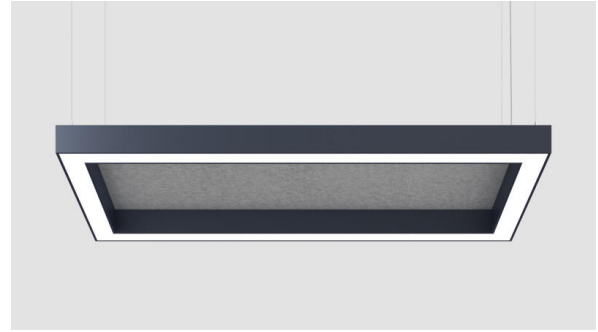


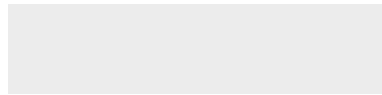


MACRO QUAD™

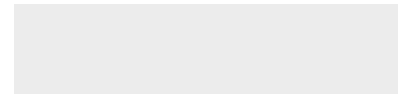
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

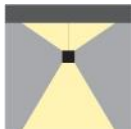
1 DESCRIPTION

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



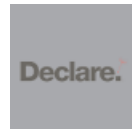
Suspended
Direct



Suspended
Direct/Indirect



Acoustic



Declare



PoE

3 APPROVALS



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)

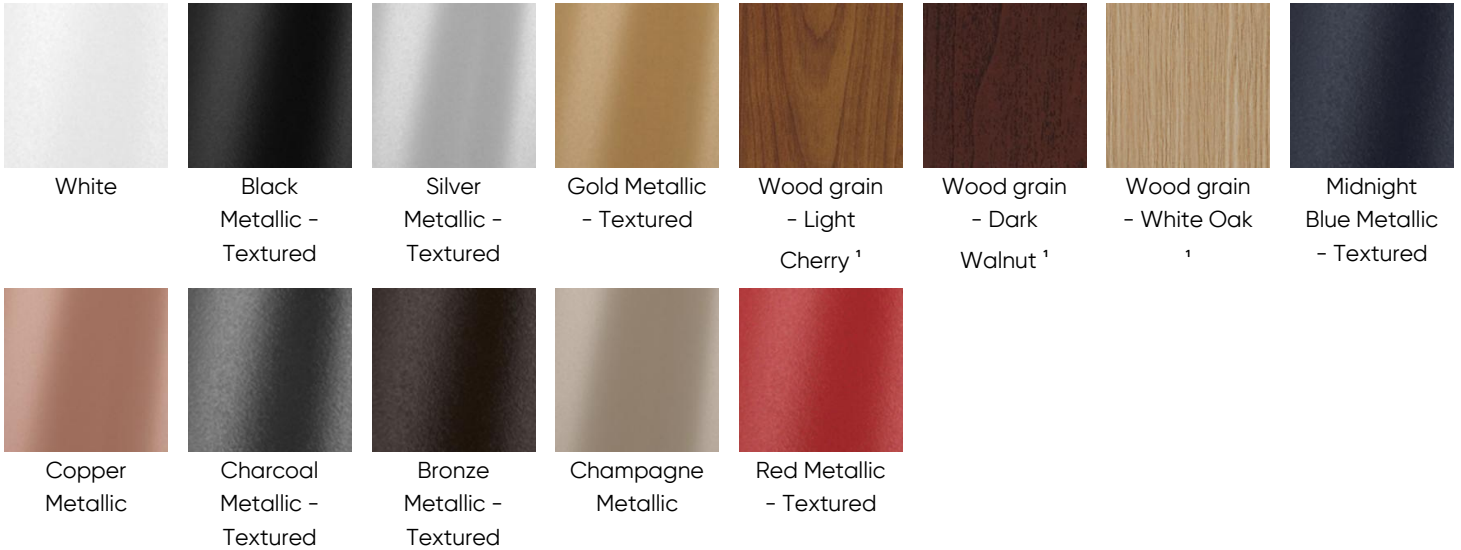
> 60,000 hrs.

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

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.	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.	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.	CRI CR80 CRI 80+ CR90 CRI 90+
CCT (DIRECT) CTA27 2700K CTA30 3000K CTA35 3500K CTA40 4000K	CCT (INDIRECT) CTB00 Not required CTB27 2700K CTB30 3000K CTB35 3500K CTB40 4000K	INDIRECT LENS UD0 Not required UD1 Clear UD2 Opal ¹ ¹ 10% reduction on indirect lumens.	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.

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.	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.	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	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.
EMERGENCY E0 Not required E1 Emergency system – Integral ¹ E2 Emergency system – Remote ² ¹ Direct illumination only, not available with 347V. ² Direct/Indirect available with Remote only.	CIRCUITS CS1 Single circuit CS2 Dual circuit ¹ ¹ Supplied with two power cables.	CONTROLS C0 Not required C1 Encelium/Zigbee	

7 TECHNICAL DATA

LUMINAIRE

Consult factory for other sizes.

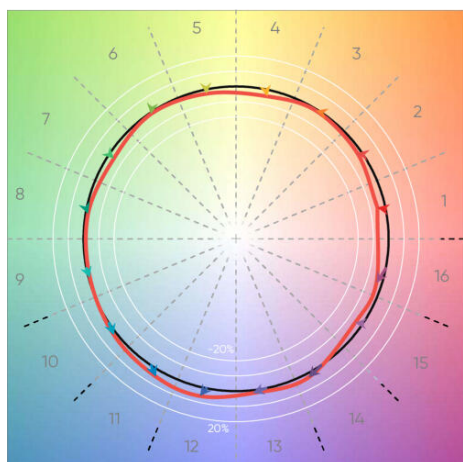
Code	MCQP1P02	MCQP1P03	MCQP1P04	MCQP1P05	MCQP1P06	MCQP1P07
Dimensions	2' SQ	3' SQ	4' SQ	5' SQ	6' SQ	2'x4'
Wattage	85W	125W	169W	209W	251W	125W
Light Direction	Direct	Direct	Direct	Direct	Direct	Direct
Delivered lms	8500	12800	17000	21300	25500	12800
LPW	100	102	101	102	102	102
# of Sections	1	1	1	1	1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

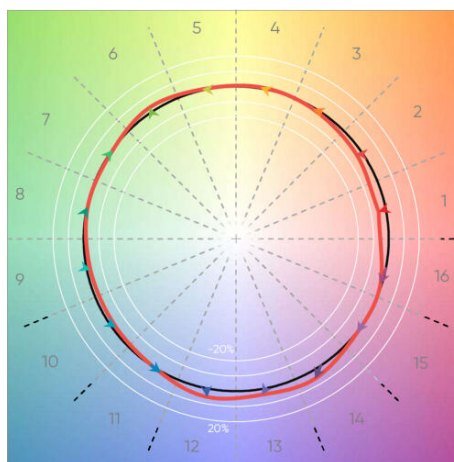
8 TM-30 DATA

CCT 2700K



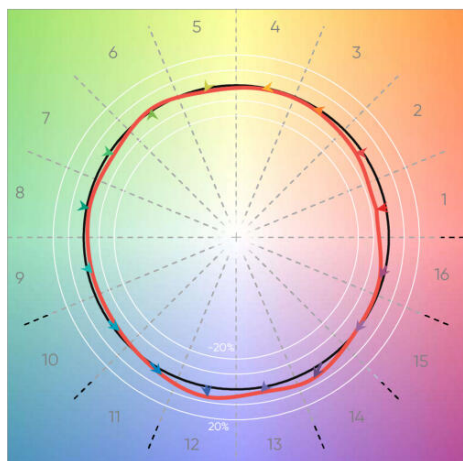
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K



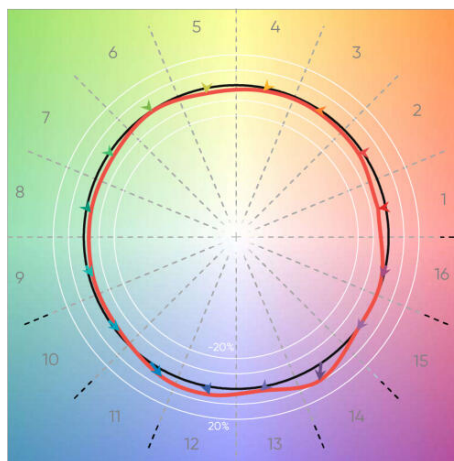
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

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

