MACRO QUAD™
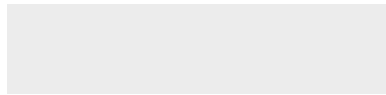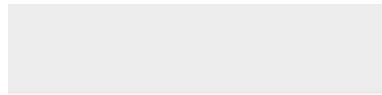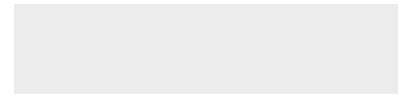## FULL SPECIFICATION SHEET
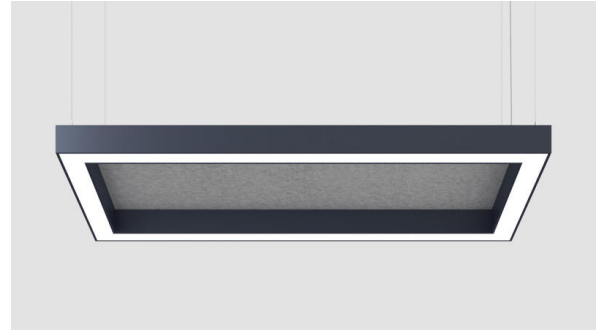
FIXTURE TYPE

**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
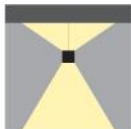
Suspended Direct/Indirect

Acoustic

Declare.

PoE

| 3 | APPROVALS |

ETL Intertek   CE   DAMP LOCATION   F   IP20

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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.

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.

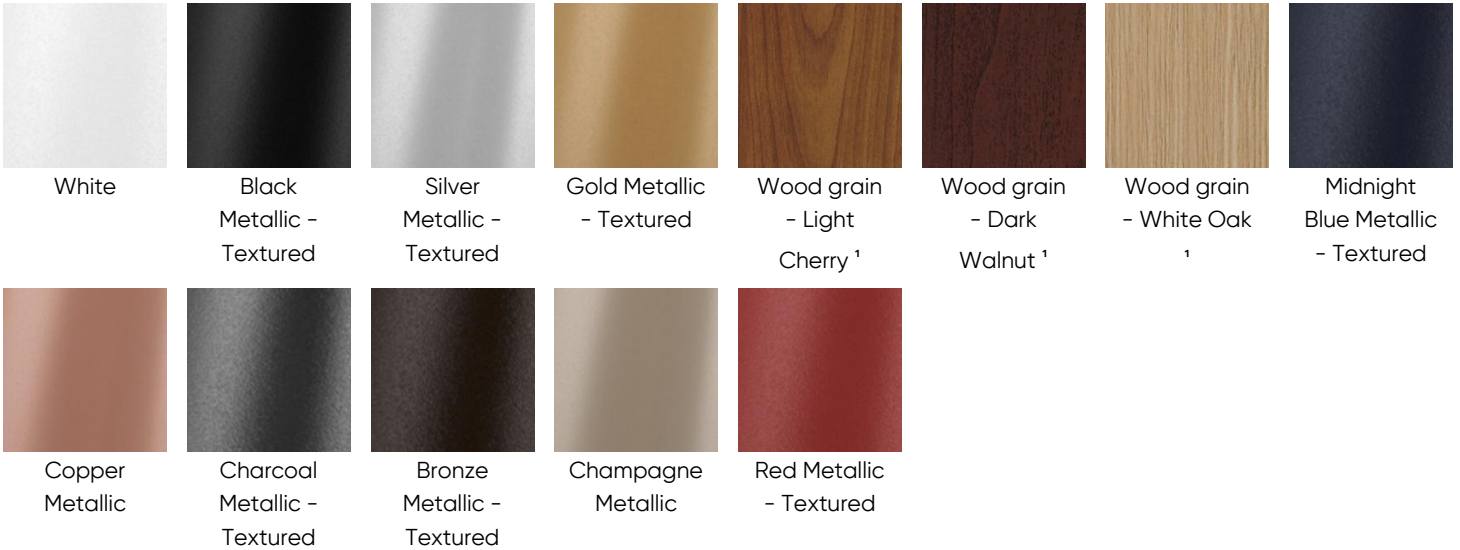**ACOUSTIC PANELS THICKNESS**
12mm (0.5")

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

| White | Black Metallic - Textured | Silver Metallic - Textured | Gold Metallic - Textured | Wood grain - Light Cherry [1] | Wood grain - Dark Walnut [1] | Wood grain - White Oak [1] | Midnight Blue Metallic - Textured |

| Copper Metallic | Charcoal Metallic - Textured | Bronze Metallic - Textured | Champagne Metallic | Red Metallic - Textured |

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

CANOPY FINISH

| White | Black Metallic - Textured | Silver Metallic - Textured | Gold Metallic - Textured | Midnight Blue Metallic - Textured | Copper Metallic | Charcoal Metallic - Textured | Bronze Metallic - Textured |

| Champagne Metallic | Red Metallic - Textured |

ACOUSTIC PANEL FINISH

Not required	Citrus	White	Red Coffee	Light Gray	Apple Green	Blue	Sesame Gray

Black	Navy Peony	Pure Red	Cloudburst	Douglas Fir	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.

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. 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

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. [2] Direct/Indirect available with Remote only.

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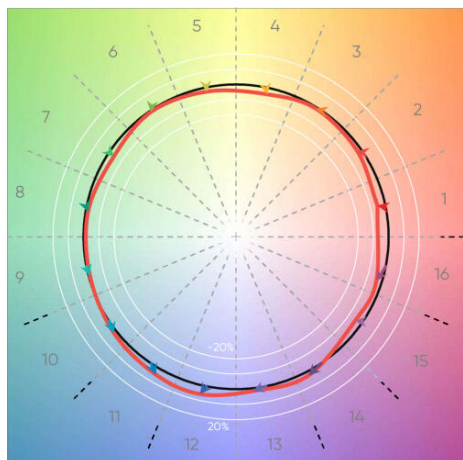
CRI(Ra)	93
CRI(R9)	61
TM30(Rf)	91
TM30(Rg)	98
Duv	-0.0022

CCT 3000K
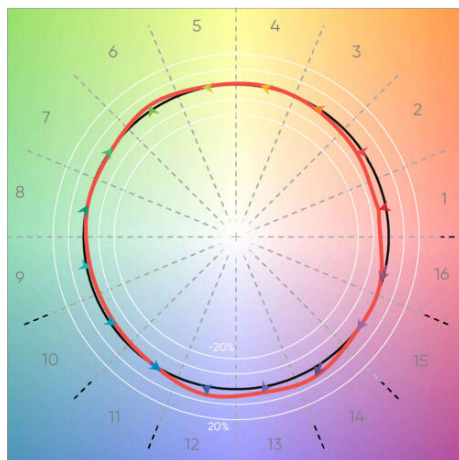
CRI(Ra)	92
CRI(R9)	58
TM30(Rf)	92
TM30(Rg)	100
Duv	-0.0003

CCT 3500K
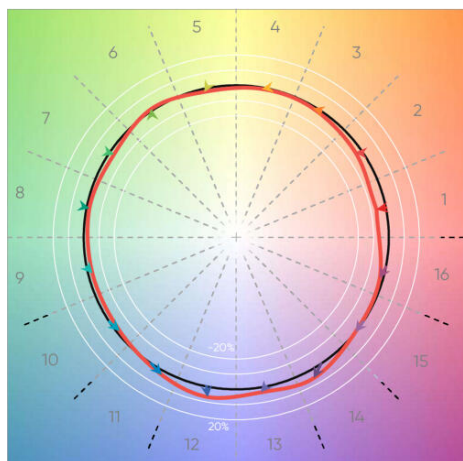
CRI(Ra)	91
CRI(R9)	53
TM30(Rf)	90
TM30(Rg)	99
Duv	-0.0007

CCT 4000K
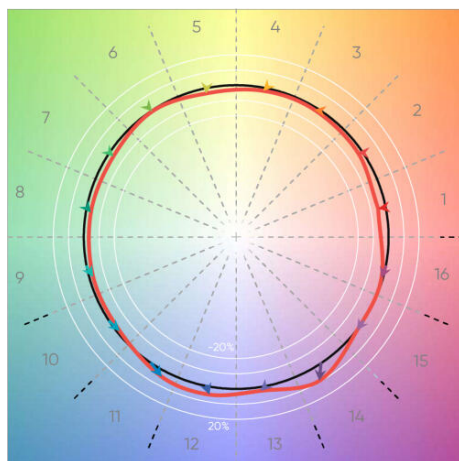
CRI(Ra)	93
CRI(R9)	64
TM30(Rf)	90
TM30(Rg)	98
Duv	0.0000

5" [125mm] DIA

¼" [7mm]

Adjustable to
78" [1981mm]

4" [102mm]

4" [102mm]

Width

Length

ISO VIEW