



# MACRO QUAD™

## FULL SPECIFICATION SHEET



Fixture Type

Fixture Code

Quantities

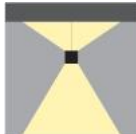
### 1 DESCRIPTION

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.

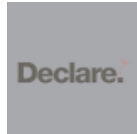
### 2 MOUNTING & OPTICS



Suspended  
Direct



Suspended  
Direct/Indirect



Declare



PoE

### 3 APPROVALS



DAMP  
LOCATION



IP20

### 4 GENERAL SPECIFICATION

#### BODY AND TRIM

Steel and aluminum.

#### POWER CABLE

Silver braided.

#### FINISH

Polyester powder coated.

#### 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**

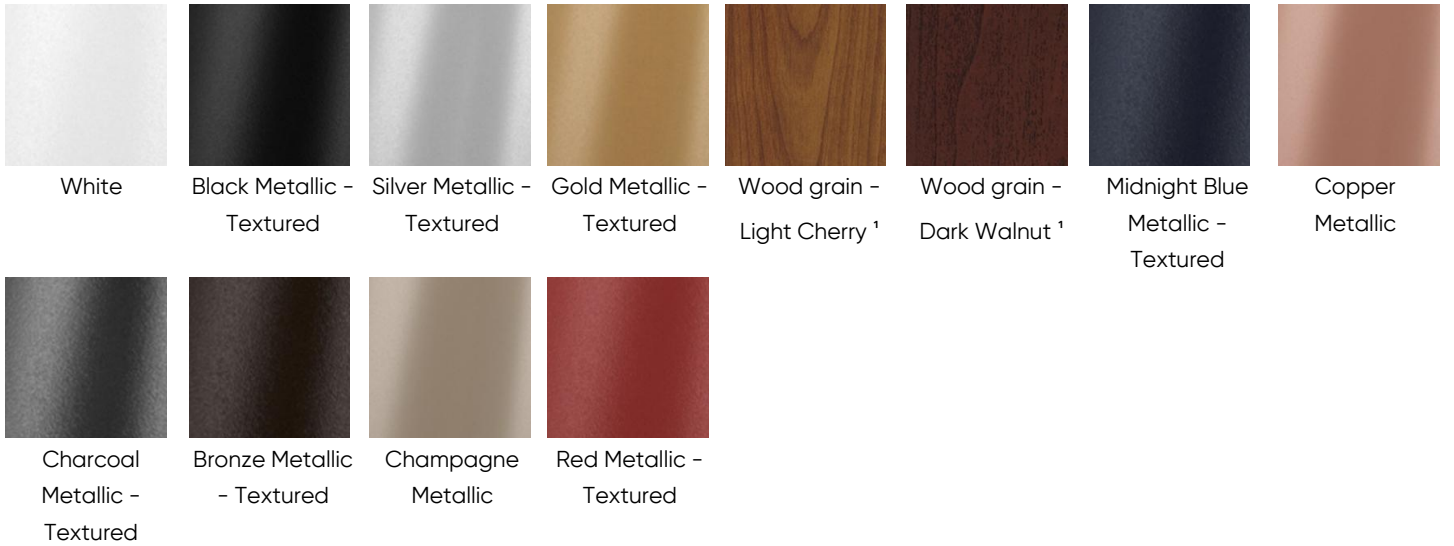
Consult factory regarding sensor compatibility.

### **L70 @25°C (77°F)**

> 60,000 hrs.

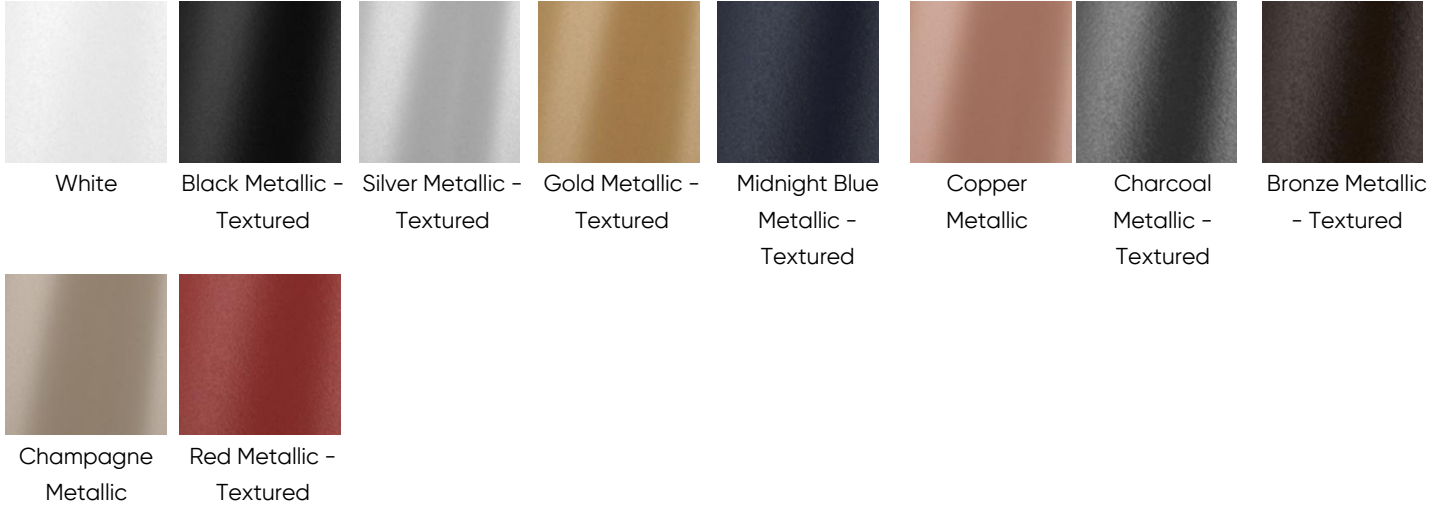
**5 DESIGN OPTIONS**

**FIXTURE FINISH**

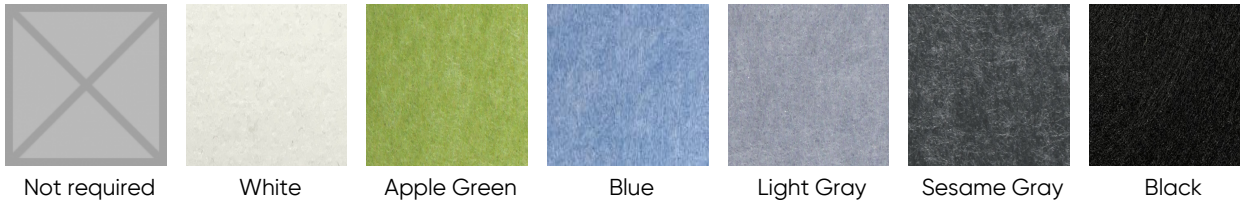


<sup>1</sup> Longer lead time may apply, consult factory.

**CANOPY FINISH**



**ACOUSTIC PANEL FINISH**



Consult website to view available panel finishes.

**6 HOW TO ORDER**

**A. LUMINAIRE**

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

Consult factory for other sizes.

**B. LMS/FT (DIRECT)**

<b>LPF057</b> 575 lm/ft <sup>1</sup>	<b>LPF085</b> 850 lm/ft <sup>2</sup>	<b>LPF115</b> 1150 lm/ft <sup>3</sup>
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<sup>1</sup> Based of 50% of total output.

<sup>2</sup> Based on 75% of total output.

<sup>3</sup> 100% of total output.

**C. LUMENS/FT (INDIRECT)**

<b>LPG000</b> Not required	<b>LPG025</b> 250 lm/ft <sup>1</sup>	<b>LPG037</b> 375 lm/ft <sup>2</sup>	<b>LPG050</b> 500 lm/ft <sup>3</sup>
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<sup>1</sup> Based of 50% of total output.

<sup>2</sup> Based on 75% of total output.

<sup>3</sup> 100% of total output.

**D. CRI**

**CR80** CRI 80+

**E. CCT (DIRECT)**

**CTA27** 2700K

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

**F. CCT (INDIRECT)**

**CTB00** Not required

**CTB27** 2700K

**CTB30** 3000K

**CTB35** 3500K

**CTB40** 4000K

**G. UPLIGHT DIFFUSER**

**UD0** Not required

**UD1** Clear diffuser

**UD2** Opal diffuser <sup>1</sup>

<sup>1</sup> 10% reduction on indirect lumens.

**H. VOLTAGE**

**V1** 120/277V

**V2** 240V <sup>1</sup>

**V3** 347V <sup>2</sup>

**V4** Low Voltage <sup>3</sup>

<sup>1</sup> Not available in North America.

<sup>2</sup> Available with DA01 dimming only.

<sup>3</sup> Only available with DA45 dimming.

**I. DIMMING**

**DA01** 0–10V Dimming 1.0%

**DA02** 0–10V Dimming 0.1% <sup>1</sup>

**DA20** DALI Dimming 0.1% <sup>1</sup>

**DA21** DALI Dimming 1.0% <sup>1</sup>

**DA30** DSI/switchDim <sup>2</sup>

**DA45** PoE <sup>3</sup>

<sup>1</sup> Not available with V3.

<sup>2</sup> Not available in North America.

<sup>3</sup> Only available with V4.

## J. FIXTURE FINISH

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

<sup>1</sup> Longer lead time may apply, consult factory.

## K. CANOPY FINISH

<b>CF01</b> White	<b>CF02</b> Black Metallic - Textured	<b>CF20</b> Silver Metallic - Textured	<b>CF25</b> Gold Metallic - Textured
<b>CF44</b> Midnight Blue Metallic - Textured	<b>CF45</b> Copper Metallic	<b>CF46</b> Charcoal Metallic - Textured	<b>CF47</b> Bronze Metallic - Textured
<b>CF52</b> Champagne Metallic	<b>CF53</b> Red Metallic - Textured		

## L. ACOUSTIC PANEL FINISH

<b>AP00</b> Not required	<b>AP04</b> White	<b>AP13</b> Apple Green	<b>AP22</b> Blue
<b>AP11</b> Light Gray	<b>AP26</b> Sesame Gray	<b>AP27</b> Black	

Consult website to view available panel finishes.

## M. EMERGENCY

<b>E0</b> Not required	<b>E1</b> Emergency system - Integral <sup>1</sup>	<b>E2</b> Emergency system - Remote <sup>2</sup>
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<sup>1</sup> Direct illumination only, not available with 347V.

## N. CIRCUITS

<b>CS1</b> Single circuit	<b>CS2</b> Dual circuit <sup>1</sup>
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<sup>1</sup> Supplied with two power cables

## O. CONTROLS

<b>C0</b> Not required	<b>C1</b> Encelium/Zigbee
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**7** TECHNICAL DATA

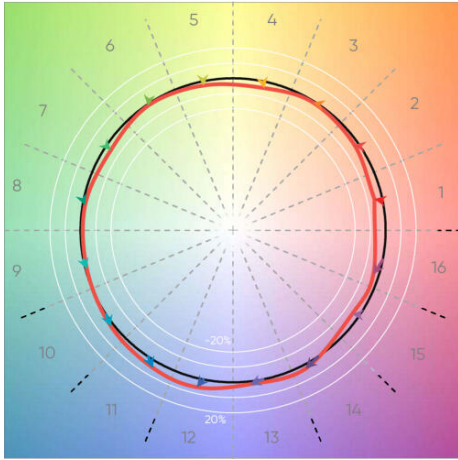
**LUMINAIRE**

Consult factory for other sizes.

<b>Code</b>	<b>MCQP1P02</b>	<b>MCQP1P03</b>	<b>MCQP1P04</b>	<b>MCQP1P05</b>	<b>MCQP1P06</b>	<b>MCQP1P07</b>
<b>Dimensions</b>	2' SQ	3' SQ	4' SQ	5' SQ	6' SQ	2'x4'
<b>Wattage</b>	85W	125W	169W	209W	251W	125W
<b>Light Direction</b>	Direct	Direct	Direct	Direct	Direct	Direct
<b>Delivered lms</b>	8500	12800	17000	21300	25500	12800
<b>LPW</b>	100	102	101	102	102	102
<b># of Sections</b>	1	1	1	1	1	1
<b>Code</b>	<b>MCQP1P08</b>	<b>MCQP2P02</b>	<b>MCQP2P03</b>	<b>MCQP2P04</b>	<b>MCQP2P05</b>	<b>MCQP2P06</b>
<b>Dimensions</b>	3'x6'	2' SQ	3' SQ	4' SQ	5' SQ	6' SQ
<b>Wattage</b>	187W	119W	178W	239W	296W	356W
<b>Light Direction</b>	Direct	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect
<b>Delivered lms</b>	19100	12300	18500	24600	30800	36900
<b>LPW</b>	102	103	104	103	104	104
<b># of Sections</b>	1	1	1	1	1	1
<b>Code</b>	<b>MCQP2P07</b>	<b>MCQP2P08</b>				
<b>Dimensions</b>	2'x4'	3'x6'				
<b>Wattage</b>	181W	270W				
<b>Light Direction</b>	Direct/Indirect	Direct/Indirect				
<b>Delivered lms</b>	18500	27700				
<b>LPW</b>	103	103				
<b># of Sections</b>	1	1				

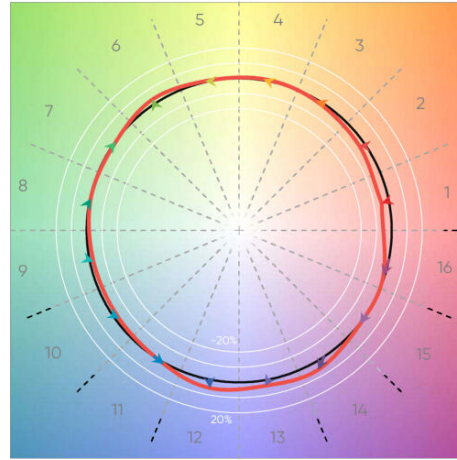
**8** TM-30 DATA

**CCT 2700K**



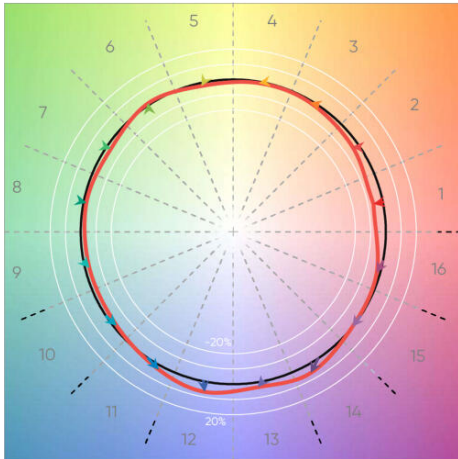
<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	61
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	-0.0022

**CCT 3000K**



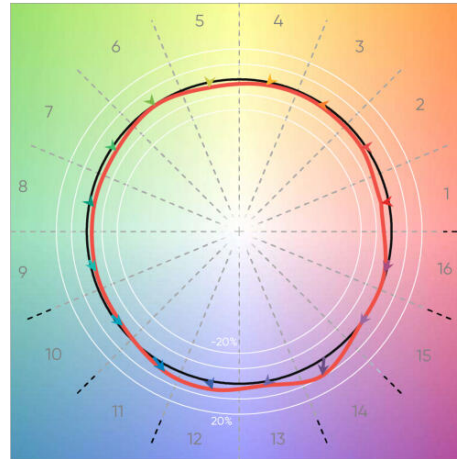
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	92
<b>TM30(Rg)</b>	100
<b>Duv</b>	-0.0003

**CCT 3500K**



<b>CRI(Ra)</b>	91
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	99
<b>Duv</b>	-0.0007

**CCT 4000K**



<b>CRI(Ra)</b>	93
<b>CRI(R9)</b>	64
<b>TM30(Rf)</b>	90
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0000



**9** DIMENSIONAL DIAGRAMS

