



# MICRO QUAD II™

## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

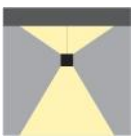
### 1 DESCRIPTION

The straight lines and right angles of the rectangle add a balanced and grounded feel to a space. With a super-slim 1" profile and several quadrilaterals ranging from 2' to 7' squared, **MICRO QUAD II** is ideal for creating and complementing grid effects or for creating sizable multi-tiered arrangements. The light emission is direct/indirect and can be coordinated with MICRO QUAD DE which emits light from the inner and outer sides of the frame. For sound comfort, **MICRO QUAD II** is available with an acoustic panel designed to absorb echo and reverberation associated with open-concept spaces, exposed concrete, open ceilings, and large windows. For a whimsical style, combine **MICRO QUAD** with MICRO RING or MICRO TRIANGLE.

### 2 OPTICS & FEATURES



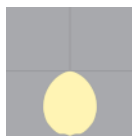
Suspended  
Direct



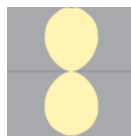
Suspended  
Direct/Indirect



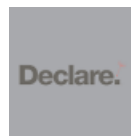
Acoustic



Direct



Direct-indirect



Declare



PoE

### 3 APPROVALS



**4** GENERAL SPECIFICATION

**BODY**

Aluminum.

**SUSPENSION**

Stainless steel cables.

**REMOTE MOUNTING OF DRIVERS**

Wire size 18 AWG – max distance (from fixture to drivers) 40', wire size 16 AWG – max distance 60', wire size 14 AWG – max distance 90'. Drivers must be accessible after installation. For longer remote distances, consult factory.

**POE**

Micro Quad II can integrate into your data network via Power over Ethernet (PoE) connectivity.

**LENS**

Frosted acrylic. Lens protrudes 4.8mm/0.19".

**SENSORS**

Consult factory regarding sensor compatibility.

**ACOUSTIC PANELS NRC RATING**

0.80

**ACOUSTIC PANELS MATERIAL**

100% recycled polyester fiber (PET).

**REPORTED L70 @25°C(77°F)**

> 60,000 hrs.

**SEISMIC BRACING**

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

**SUSTAINABILITY**

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

**FINISH**

Powder coated.

**POWER CABLE**

Silver braided.

**DRIVERS**

HPF electronic drivers for 120-277V (EU-240V). Drivers are either remote mounted or integral to the canopy depending on the size of the fixture.

**MECHANICAL**

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

**DELIVERED LUMENS**

Delivered lumens & LPW based on 4000K (min 80 CRI) for White LEDs only.

**CRI**

Fixture supplied at 80 CRI, 90 CRI available upon request.

**ACOUSTIC PANELS FIRE RATING**

ASTM E84-2018 Class A.

**ACOUSTIC PANELS THICKNESS**

12mm (0.5")

**APPROVALS**

Damp Rated.

**ACOUSTIC PANEL MAINTENANCE**

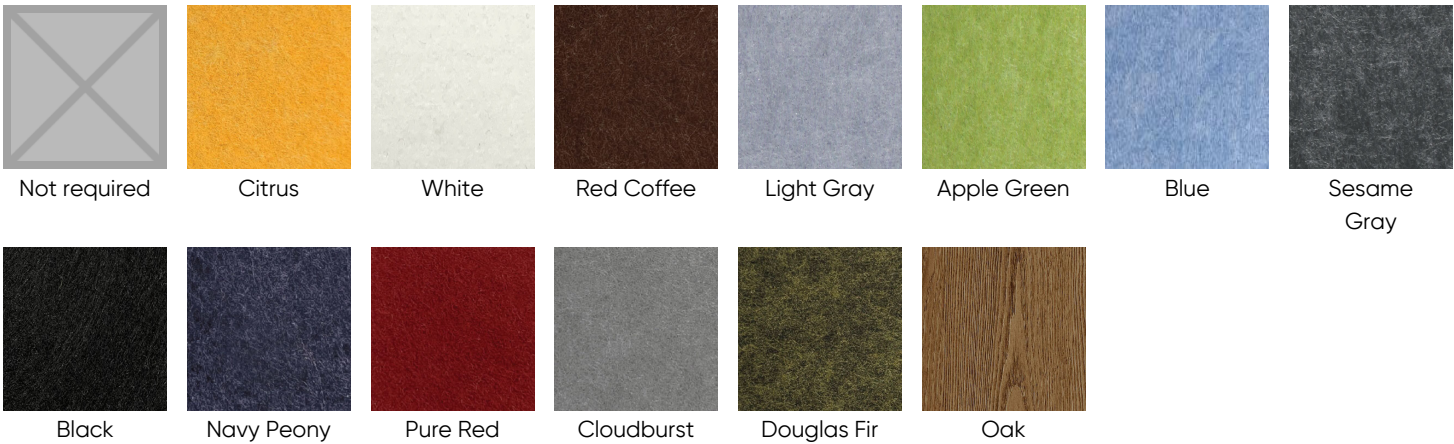
Durable and easy to maintain. Dust regularly and clean marks with mild detergent, rinse, and blot.

**5 DESIGN OPTIONS**

**FINISH**



**ACOUSTIC PANEL COLOR**



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 LENGTH**

<b>983810</b> 24", Direct, 1650 lms	<b>983820</b> 36", Direct, 2474 lms	<b>983830</b> 48", Direct, 3300 lms	<b>983840</b> 60", Direct, 4124 lms
<b>983850</b> 71", Direct, 4948 lms	<b>983860</b> 83", Direct, 5774 lms	<b>983910</b> 24", Direct/Indirect, 3356 lms	<b>983920</b> 36", Direct/Indirect, 5034 lms
<b>983930</b> 48", Direct/Indirect, 6712 lms	<b>983940</b> 60", Direct/Indirect, 8390 lms	<b>983950</b> 71", Direct/Indirect, 10068 lms	<b>983960</b> 83", Direct/Indirect, 11746 lms

Calculate total lumens and wattage by adding the Length lumens to the Width lumens. For example: direct only 36" length + 48" width = 2474 + 3300 = 5774 total lumens.

**2. WIDTH**

<b>WD24</b> 24", Direct, 1650 lms	<b>WD36</b> 36", Direct, 2474 lms	<b>WD48</b> 48", Direct, 3300 lms	<b>WD60</b> 60", Direct, 4124 lms
<b>WD71</b> 71", Direct, 4948 lms	<b>WD83</b> 83", Direct, 5774 lms	<b>WDI24</b> 24", Direct/Indirect, 3356 lms	<b>WDI36</b> 36", Direct/Indirect, 5034 lms
<b>WDI48</b> 48", Direct/Indirect, 6712 lms	<b>WDI60</b> 60", Direct/Indirect, 8390 lms	<b>WDI71</b> 71", Direct/Indirect, 10068 lms	<b>WDI83</b> 83", Direct/Indirect, 11746 lms

**3. CCT/COLOR (DIRECT)**

<b>D27</b> 2700K (min 80 CRI) <b>DRD</b> Red	<b>D30</b> 3000K (min 80 CRI) <b>DGN</b> Green	<b>D35</b> 3500K (min 80 CRI) <b>DBL</b> Blue	<b>D40</b> 4000K (min 80 CRI)
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CR90 (CRI 90+) available upon request, consult factory.

**4. CCT/COLOR (INDIRECT)**

<b>N27</b> 2700K (min 80 CRI) <b>NRD</b> Red	<b>N30</b> 3000K (min 80 CRI) <b>NGN</b> Green	<b>N35</b> 3500K (min 80 CRI) <b>NBL</b> Blue	<b>N40</b> 4000K (min 80 CRI)
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CR90 (CRI 90+) available upon request, consult factory.

## 5. SUSPENSION

**S1** Vertical, Remote Driver      **S3** Vertical, Driver Integral to Canopy

### **S3 suspension cannot be used under the following conditions:**

983840 with WD60  
983850 with WD48 or WD60  
983860 with WD36 or WD48

983940 with WDI60  
983950 with WDI48 or WDI60  
983960 with WDI36 or WDI48

## 6. DIMMING

**D1** 0–10V Dimming 1.0%      **D4** DALI Dimming 0.1%      **D5** DALI Dimming 1.0%      **DA45** PoE

DA45 must be used with EV only.

## 7. FINISH

**WH** White      **BL** Black Metallic Textured      **MS** Silver Metallic Textured      **FA25** Gold Metallic – Textured  
**FA44** Midnight Blue Metallic – Textured      **FA45** Copper Metallic      **FA46** Charcoal Metallic – Textured      **FA47** Bronze Metallic – Textured  
**FA52** Champagne Metallic

## 8. LUMEN & WATTAGE REDUCTION

**PR1** Lumen & Wattage Reduction to approximately 50% of standard output      **PR2** Lumen & Wattage Reduction to approximately 75% of standard output

PR1 not available with 983810. Custom reduction percentages available upon request.

## 9. ACOUSTIC PANEL COLOR

**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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## 10. OPTIONAL LOW VOLTAGE

EV Low Voltage

To be used with DA45 only.

## 11. CIRCUITS

CS1 Single circuit

CS2 Dual circuit

### 7 TECHNICAL DATA

#### LUMINAIRE

Calculate total lumens and wattage by adding the Length lumens to the Width lumens. For example: direct only 36" length + 48" width = 2474 + 3300 = 5774 total lumens.

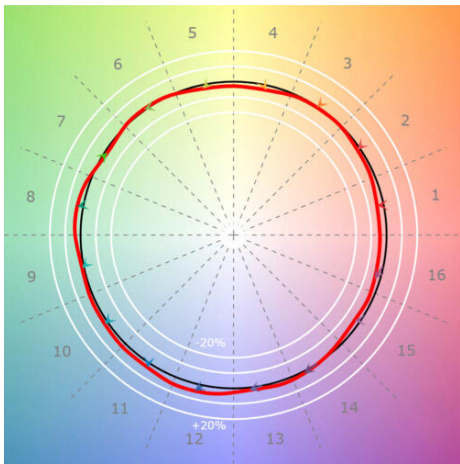
<b>Code</b>	<b>983810</b>	<b>983820</b>	<b>983830</b>	<b>983840</b>	<b>983850</b>	<b>983860</b>
<b>Length</b>	24"	36"	48"	60"	71"	83"
<b>Power (LED)</b>	13W	20W	27W	33W	40W	47W
<b>Light Direction</b>	Direct	Direct	Direct	Direct	Direct	Direct
<b>Delivered lms (Length)</b>	1650	2474	3300	4124	4948	5774
<b>LPW</b>	125	124	124	124	124	124
<b>Code</b>	<b>983910</b>	<b>983920</b>	<b>983930</b>	<b>983940</b>	<b>983950</b>	<b>983960</b>
<b>Length</b>	24"	36"	48"	60"	71"	83"
<b>Power (LED)</b>	27W	40W	53W	66W	80W	93W
<b>Light Direction</b>	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect
<b>Delivered lms (Length)</b>	3356	5034	6712	8390	10068	11746
<b>LPW</b>	126	126	126	126	126	126

**WIDTH**

<b>Code</b>	<b>WD24</b>	<b>WD36</b>	<b>WD48</b>	<b>WD60</b>	<b>WD71</b>	<b>WD83</b>
<b>Width</b>	24"	36"	48"	60"	71"	83"
<b>Power (LED)</b>	13W	20W	27W	33W	40W	47W
<b>Light Direction</b>	Direct	Direct	Direct	Direct	Direct	Direct
<b>Delivered lms (Width)</b>	1650	2474	3300	4124	4948	5774
<b>LPW</b>	125	124	124	124	124	124
<b>Code</b>	<b>WDI24</b>	<b>WDI36</b>	<b>WDI48</b>	<b>WDI60</b>	<b>WDI71</b>	<b>WDI83</b>
<b>Width</b>	24"	36"	48"	60"	71"	83"
<b>Power (LED)</b>	27W	40W	53W	66W	80W	93W
<b>Light Direction</b>	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect
<b>Delivered lms (Width)</b>	3356	5034	6712	8390	10068	11746
<b>LPW</b>	126	126	126	126	126	126

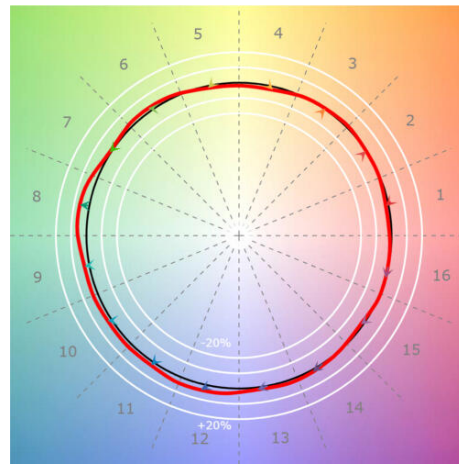
**8** TM-30 DATA

**CCT 2700K**



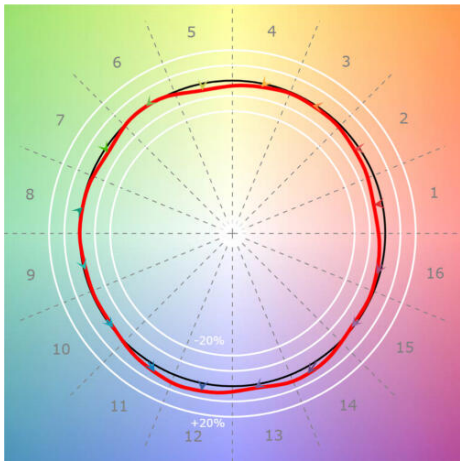
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	99
<b>Duv</b>	0.0004

**CCT 3000K**



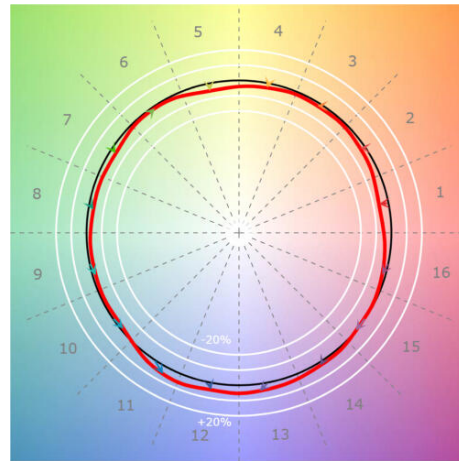
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	75
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	102
<b>Duv</b>	-0.0001

**CCT 3500K**



<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0009

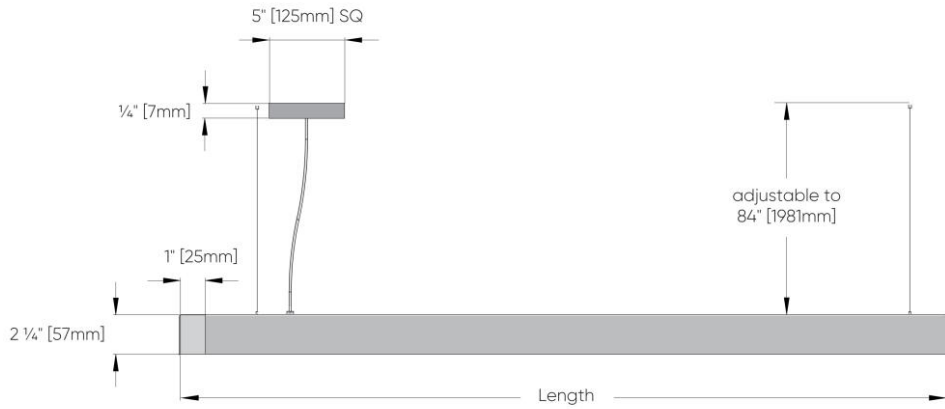
**CCT 4000K**



<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	50
<b>TM30(Rf)</b>	89
<b>TM30(Rg)</b>	97
<b>Duv</b>	0.0011

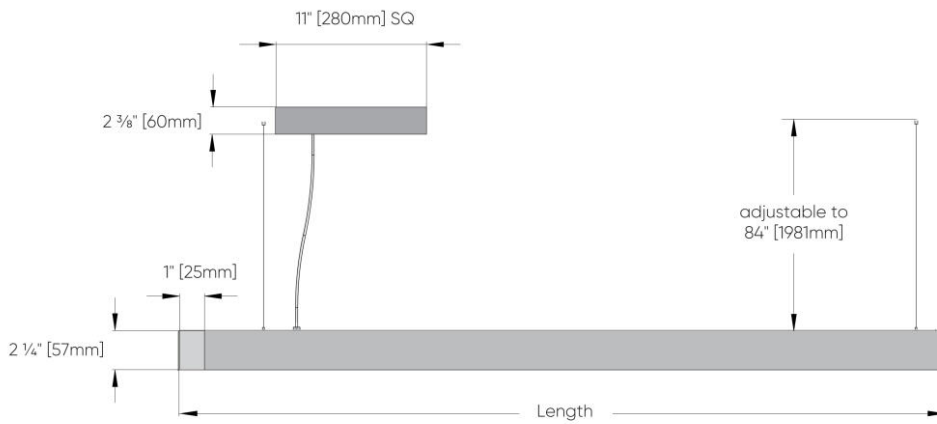
**9** DIMENSIONAL DIAGRAMS

**S1**  
 Vertical - Remote Driver



Note: The diffuser protrudes by 3/16" [5mm]

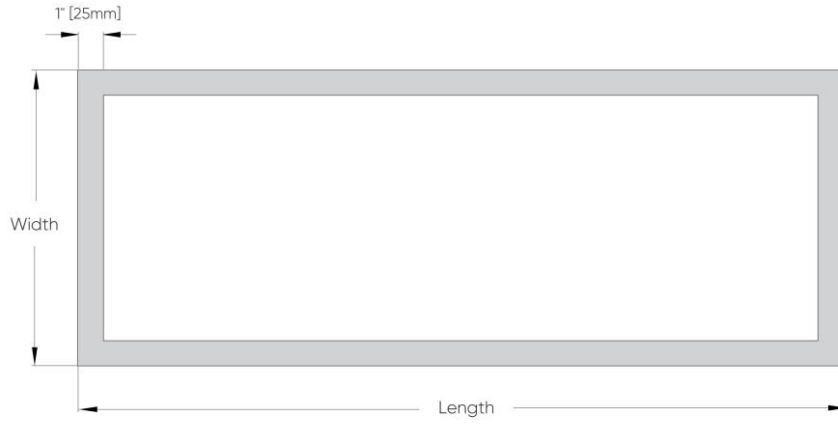
**S3**  
 Vertical - Integral Driver



Direct/Indirect: Available upto 46" [1168mm] sq only.

Canopy: 12" [305mm] SQ [for a total of 107W combined for direct/Indirect]

Note: The diffuser protrudes by 3/16" [5mm]



Note: The diffuser protrudes by  $\frac{3}{16}$ " [5mm]