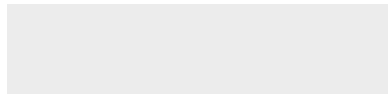




MICRO QUAD DE™

FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

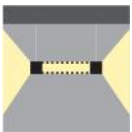


QUANTITIES

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 DE** is ideal for creating and complementing grid effects or for creating sizable multi-tiered arrangements. The light emits from the inner and outer sides of the frame and can be coordinated with MICRO QUAD II which emits direct and indirect light. For sound comfort, **MICRO QUAD DE** is available with an acoustic panel designed to absorb echo and reverberation associated with open-concept spaces, exposed concrete, open ceilings, and large windows. With the light emitting from the inner side, the acoustic panel is illuminated, creating another decorative dimension. For a whimsical style, combine **MICRO QUAD** with MICRO RING or MICRO TRIANGLE.

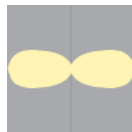
2 OPTICS & FEATURES



Suspended
Inside/Outside



Acoustic



General Diffuse



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 DE can integrate into your data network via Power over Ethernet (PoE) connectivity.

LENS

Frosted acrylic. Lens protrudes 4.8mm/0.19".

DELIVERED LUMENS

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

ACOUSTIC PANELS NRC RATING

0.80

ACOUSTIC PANELS MATERIAL

100% recycled polyester fiber (PET).

CRI

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

SEISMIC BRACING

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

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 attached directly to the J box (by others – North America only).

REPORTED L70 @25°C(77°F)

> 60,000 hrs.

SENSORS

Consult factory regarding sensor compatibility.

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

FIXTURE 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

ACOUSTIC PANEL COLOR



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 LENGTH

982410 25", 3346 lms	982420 36", 5018 lms	982430 48", 6690 lms	982440 60", 8364 lms
982450 72", 10036 lms	982460 84", 11708 lms		

Calculate total lumens and wattage by adding the Length lumens to the Width lumens. For example: 36" length + 48" width = 5018 + 6690 = 11708 total lumens.

2. WIDTH

W25 25", 3346 lms	W36 36", 5018 lms	W48 48", 6690 lms	W60 60", 8364 lms
W72 72", 10036 lms	W84 84", 11708 lms		

3. CCT/COLOR (OUTSIDE)

T27 2700K (min 80 CRI)	T30 3000K (min 80 CRI)	T35 3500K (min 80 CRI)	T40 4000K (min 80 CRI)
TRD Red	TGN Green	TBL Blue	

CR90 (CRI 90+) available upon request, consult factory.

4. CCT/COLOR (INSIDE)

S27 2700K (min 80 CRI)	S30 3000K (min 80 CRI)	S35 3500K (min 80 CRI)	S40 4000K (min 80 CRI)
SRD Red	SGN Green	SBL Blue	

CR90 (CRI 90+) available upon request, consult factory.

¹ Longer than normal lead times may apply, consult factory.

5. SUSPENSION

S1 Vertical, Remote Driver	S3 Vertical, Driver Integral to Canopy
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S3 suspension cannot be used under the following conditions:

- 982440 with W60
- 982450 with W48 or W60
- 982460 with W36 or W48

6. DIMMING (REMOTE ONLY)

D1 0-10V Dimming 1.0% **D4** DALI Dimming 0.1% ^{1 2} **D5** DALI Dimming 1.0% ^{1 2} **DA45** PoE ³

¹ D4 & D5 not available with 982450 or 982460. ² D4 & D5, combined with 982430 & 982440 are available with S1 suspension only.

³ DA45 must be used with EV only.

7. FIXTURE 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

PRO Lumen & Wattage Reduction to approximately 25% of standard output	PR1 Lumen & Wattage Reduction to approximately 50% of standard output	PR2 Lumen & Wattage Reduction to approximately 75% of standard output
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PRO is not available with 982410. 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.

7 TECHNICAL DATA

LUMINAIRE

Calculate total lumens and wattage by adding the Length lumens to the Width lumens. For example: 36" length + 48" width =5018 +6690 =11708 total lumens.

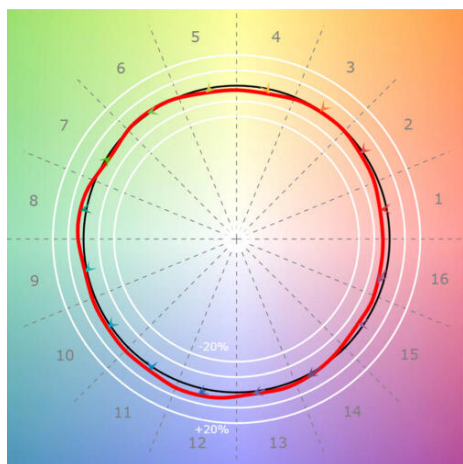
Code	982410	982420	982430	982440	982450	982460
Length	25"	36"	48"	60"	72"	84"
Power (LED)	27W	40W	53W	66W	80W	93W
Delivered lms (Length)	3346	5018	6690	8364	10036	11708
LPW	126	125	126	126	125	126

WIDTH

Code	W25	W36	W48	W60	W72	W84
Width	25"	36"	48"	60"	72"	84"
Power (LED)	27W	40W	53W	66W	80W	93W
Delivered lms (Width)	3346	5018	6690	8364	10036	11708
LPW	126	125	126	126	125	126

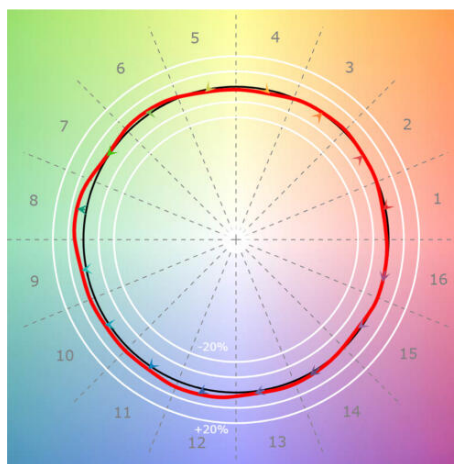
8 TM-30 DATA

CCT 2700K



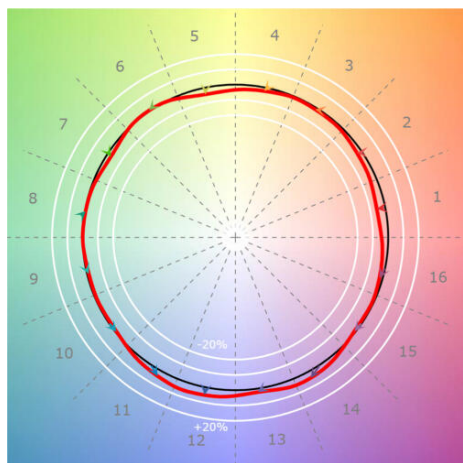
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



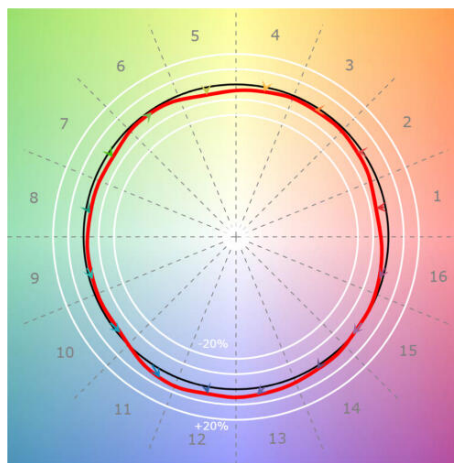
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



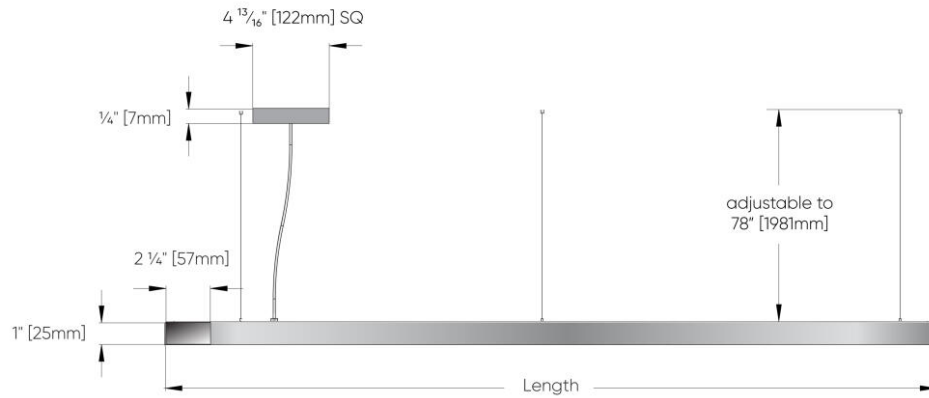
CRI(Ra)	94
CRI(R9)	53
TM30(Rf)	91
TM30(Rg)	98
Duv	0.0009

CCT 4000K



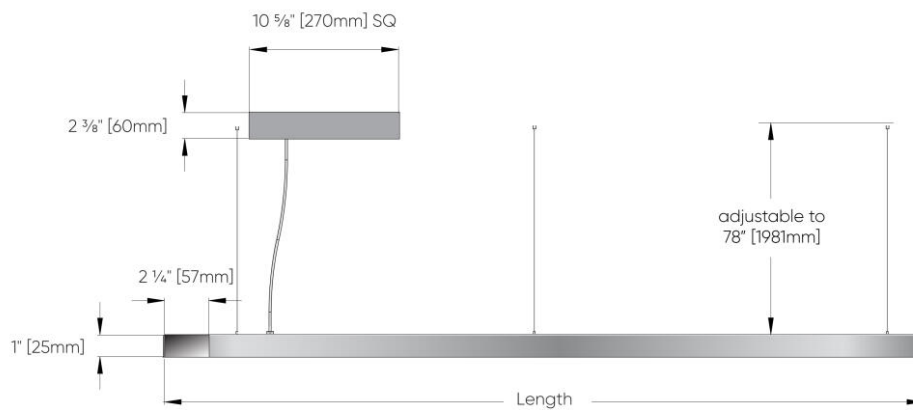
CRI(Ra)	92
CRI(R9)	50
TM30(Rf)	89
TM30(Rg)	97
Duv	0.0011

S1 Vertical - Remote Driver



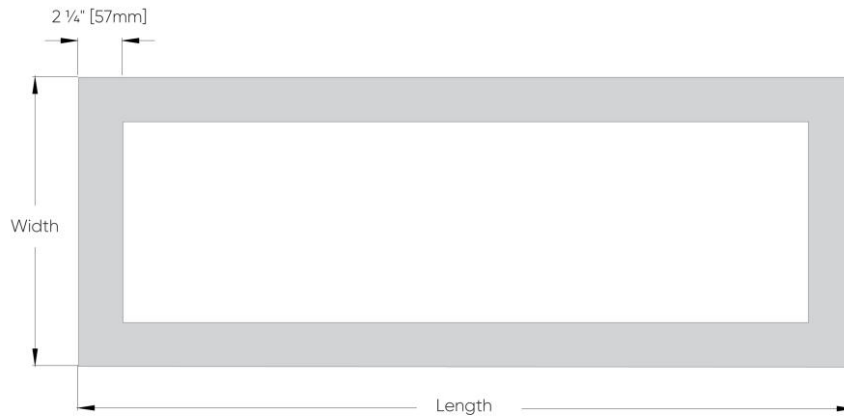
Note: The diffuser protrudes by $\frac{3}{16}$ " [5mm]

S3 Vertical - Integral Driver



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

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



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