



MICRO QUAD DE™

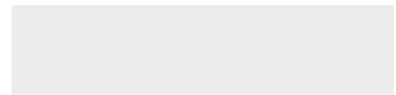
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

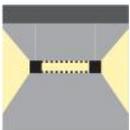


QUANTITIES

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.

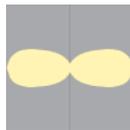
2 OPTICS & FEATURES



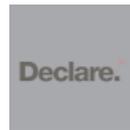
Suspended
Inside/Outside



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.

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 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

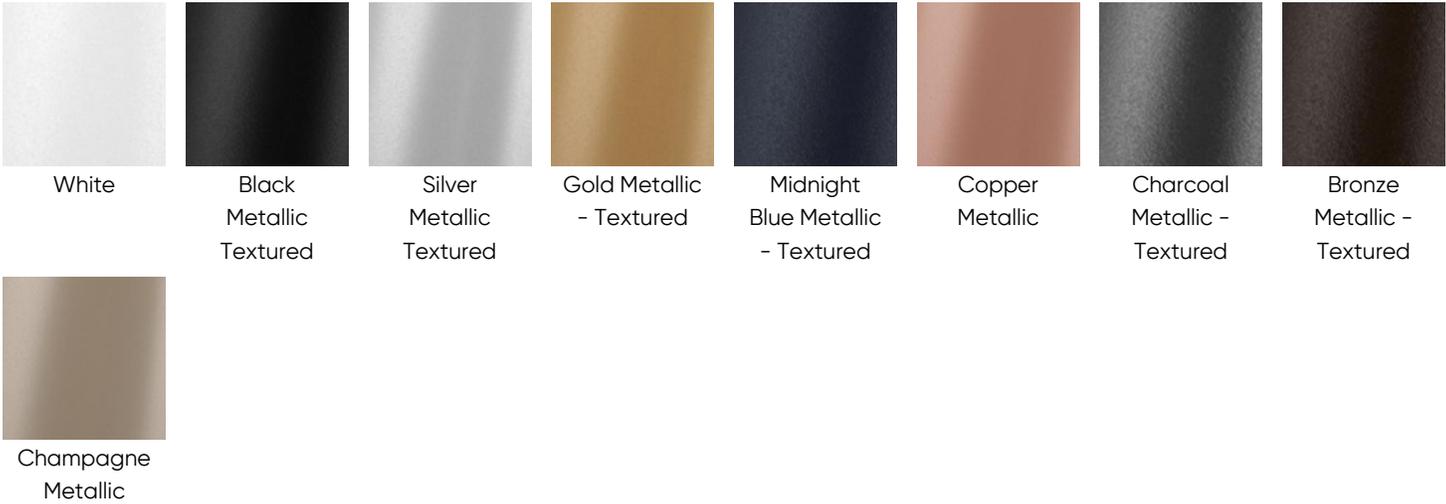
Damp Rated.

ACOUSTIC PANEL MAINTENANCE

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

5 DESIGN OPTIONS

FIXTURE FINISH



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

| | | | |
|------------------------------|------------------------------|-----------------------------|-----------------------------|
| 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 |
|-----------------------------------|---|

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

PR1 Lumen & Wattage Reduction **PR2** Lumen & Wattage

Reduction to approximately 25%
of standard output

to approximately 50% of
standard output

Reduction to approximately 75%
of standard output

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

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.

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.

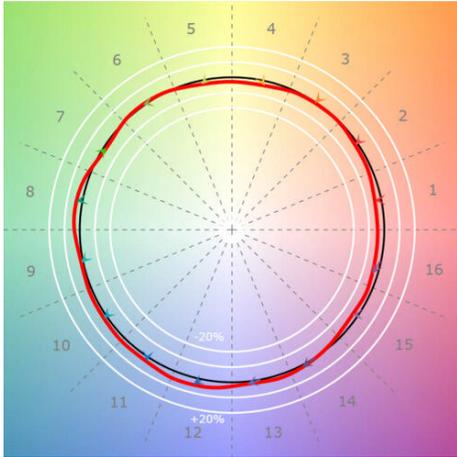
| Code | 982410 | 982420 | 982430 | 982440 | 982450 | 982460 |
|------------------------|--------|--------|--------|--------|--------|--------|
| Length | 25" | 36" | 48" | 60" | 72" | 84" |
| Power (LED) | 27W | 40W | 53W | 66W | 80W | 93W |
| Delivered lms (Length) | 3346 | 5018 | 6690 | 8364 | 10036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

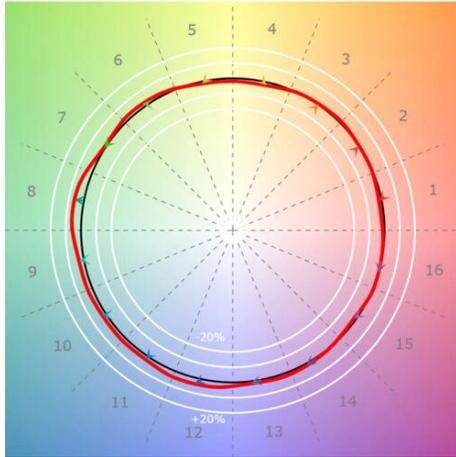
8 TM-30 DATA

CCT 2700K



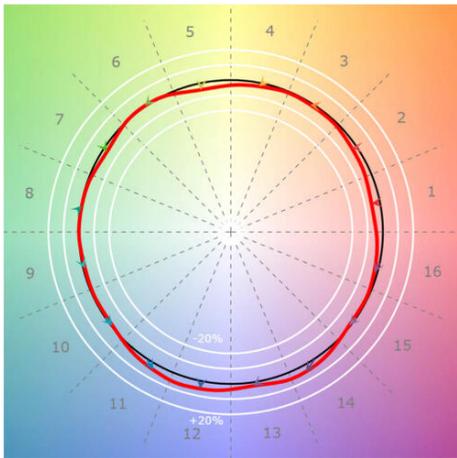
| | |
|-----------------|--------|
| CRI(Ra) | 94 |
| CRI(R9) | 58 |
| TM30(Rf) | 93 |
| TM30(Rg) | 99 |
| Duv | 0.0004 |

CCT 3000K



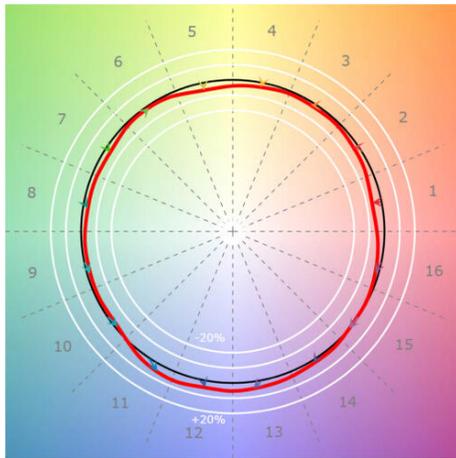
| | |
|-----------------|---------|
| CRI(Ra) | 94 |
| CRI(R9) | 75 |
| TM30(Rf) | 93 |
| TM30(Rg) | 102 |
| Duv | -0.0001 |

CCT 3500K



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

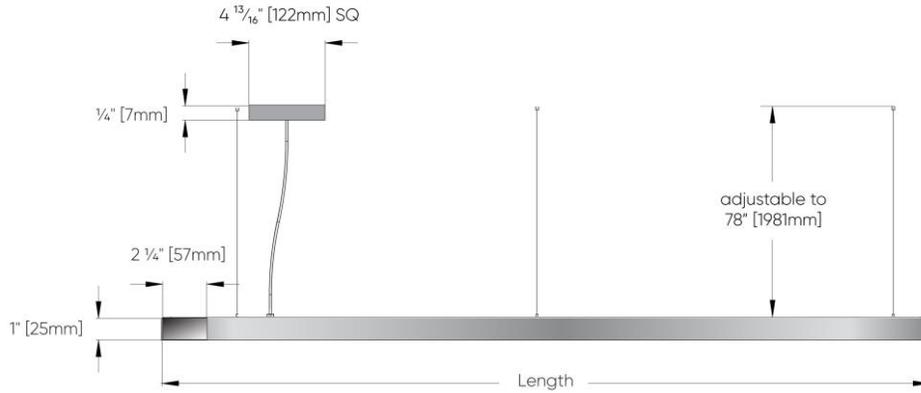
CCT 4000K



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

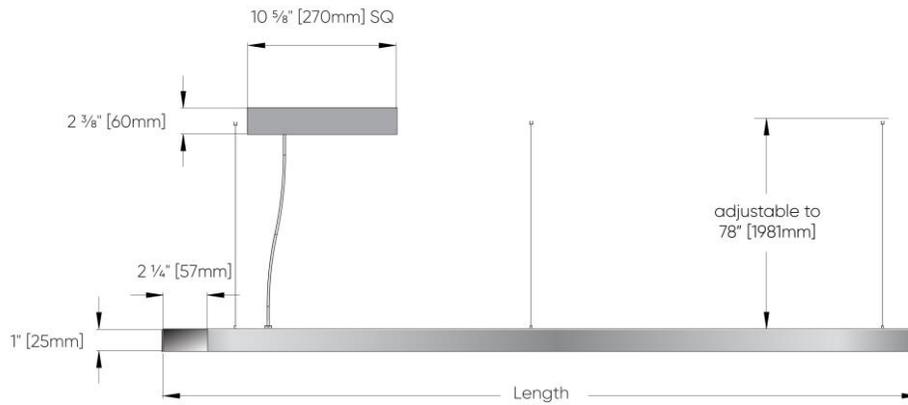
9 DIMENSIONAL DIAGRAMS

S1
Vertical - Remote Driver



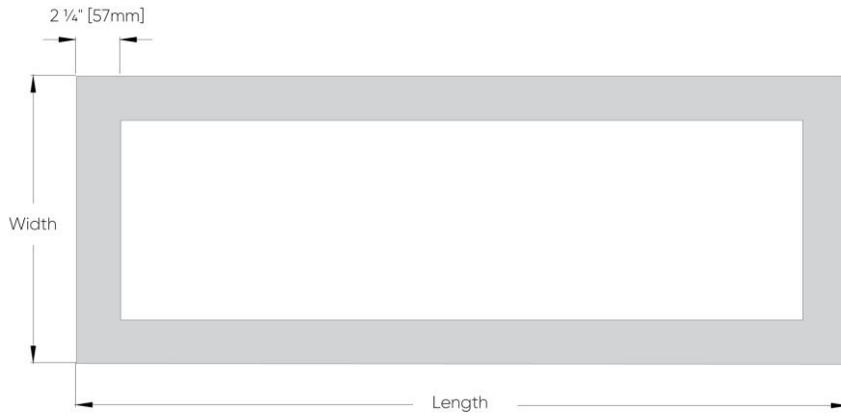
Note: The diffuser protrudes by $\frac{3}{16}$ " [5mm]

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 3/16" [5mm]