MICRO QUAD DE™ - SUSPENDED

Project Name:

Fixture Type:

Fixture Code:

Quantities:

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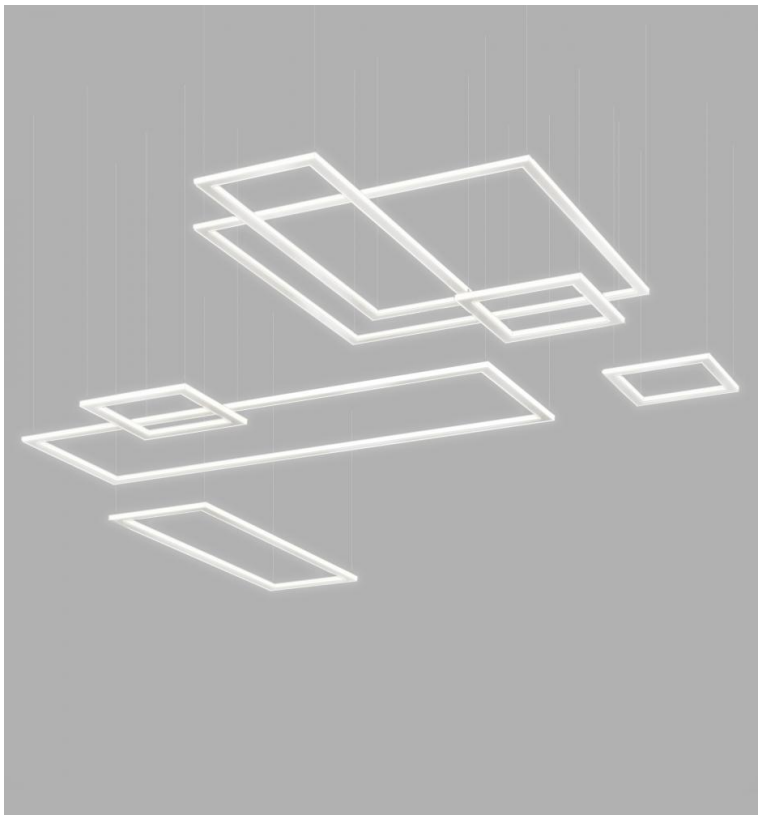

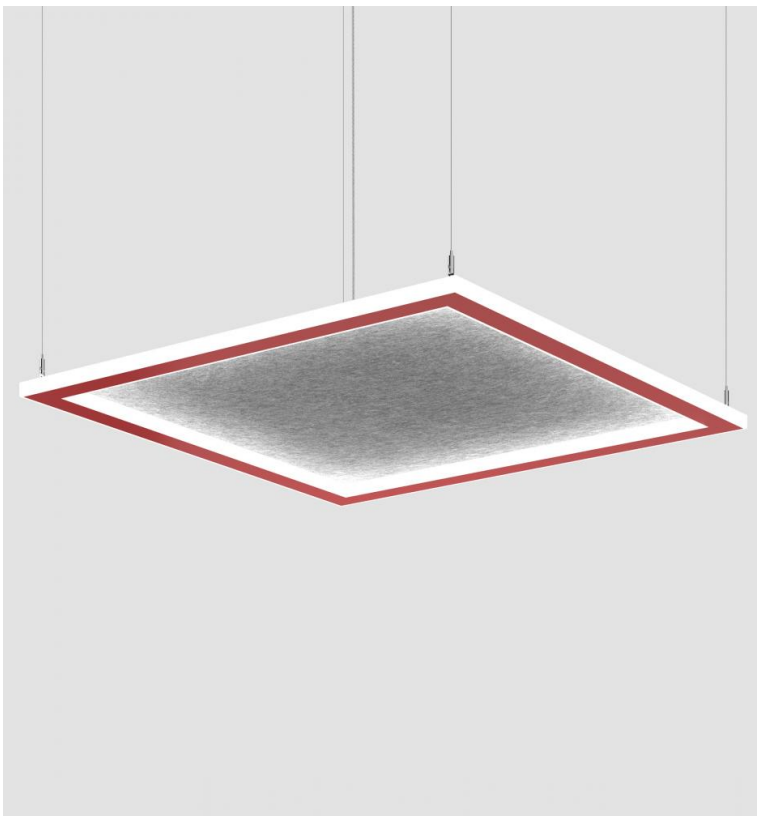

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The straight lines and right angles of the rectangle add a balanced and grounded feel to a space. With a super-slim 1" profile and several quadrilaterals ranging from 2' to 7' squared, **MICRO QUAD DE** is ideal for creating and complementing grid 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.

GENERAL SPECIFICATION

Body
Aluminum.

Finish
Powder coated.

Suspension
Stainless steel cables.

Power cable
Silver braided.

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.

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.

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

Mechanical
Luminaires attached directly to the J box (by others - North America only).

Diffusers
Frosted acrylic. Lens protrudes 4.8mm/0.19".

Reported L70 @25°C (77°F)
> 60,000 hrs.

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

Sensors
Consult factory regarding sensor compatibility.

Acoustic Panels NRC Rating
0.80

Acoustic Panels Fire Rating
ASTM E84-2018 Class A.

Acoustic Panels Material
100% recycled polyester fiber (PET).

Acoustic Panels Thickness
12mm (0.5").

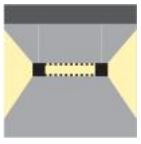
CRI
Fixture supplied at 80 CRI, 90 CRI available upon request.

Approvals
Damp Rated.

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

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

OPTICS & FEATURES


Suspended Inside/Outside

Acoustic

General Diffuse

Declare

PoE

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HOW TO ORDER

A. 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.

B. 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

C. 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.

D. 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.

E. 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

F. DIMMING (REMOTE ONLY)

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

D4 & D5 not available with 982450 or 982460.
D4 & D5, combined with 982430 & 982440 are available with S1 suspension only.
DA45 must be used with EV only.

G. 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
FA53 Red Metallic - Textured

H. LUMEN & WATTAGE REDUCTION

PR0 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

PR0 is not available with 982410. Custom reduction percentages available upon request.

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I. 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.

J. OPTIONAL LOW VOLTAGE

EV Low Voltage

To be used with DA45 only.

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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

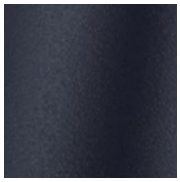
FINISH

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

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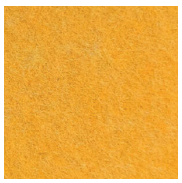
ACOUSTIC PANEL COLOR

Not required


Citrus

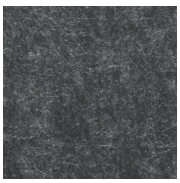
White

Red Coffee

Light Gray

Apple Green

Blue


Sesame Gray

Black

Navy Peony

Pure Red

Cloudburst

Douglas Fir

Oak

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For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages.

Other finishes available. Contact factory.

APPROVALS

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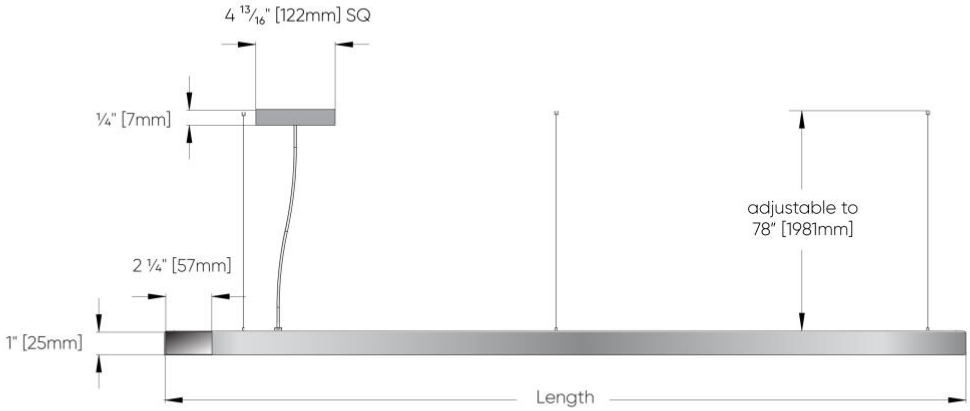
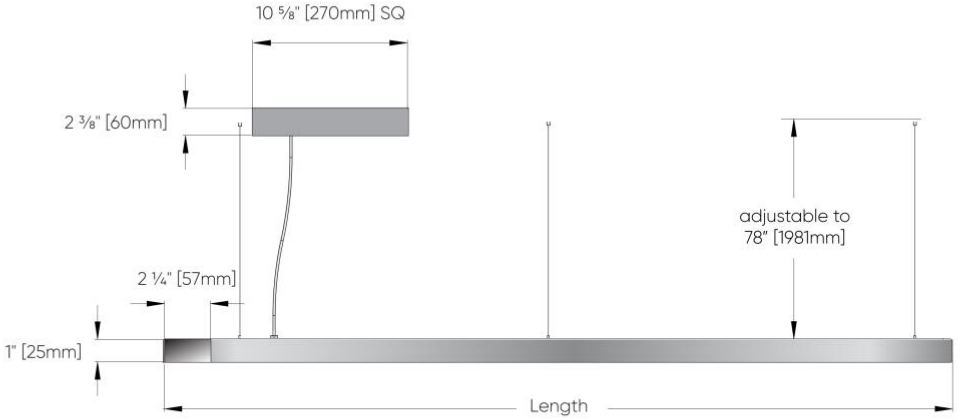
DIMENSIONAL DIAGRAMS

S1
Vertical - Remote Driver



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

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Note: The diffuser protrudes by $^{3}/_{16}$" [5mm]

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