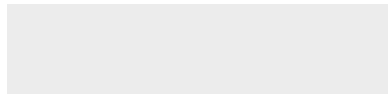




MICRO QUAD II™

FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

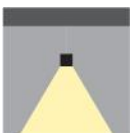


QUANTITIES

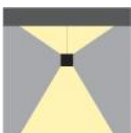
1 DESCRIPTION

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



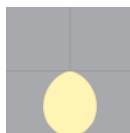
Suspended
Direct



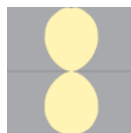
Suspended
Direct/Indirect



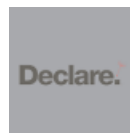
Acoustic



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.

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

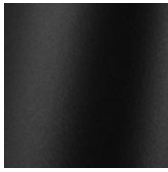
Durable and easy to maintain. Dust regularly and clean marks with mild detergent, rinse, and blot.

5 DESIGN OPTIONS

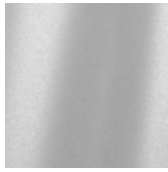
FINISH



White



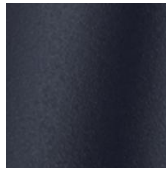
Black
Metallic
Textured



Silver
Metallic
Textured



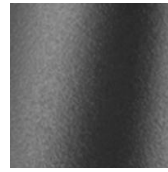
Gold Metallic
- Textured



Midnight
Blue Metallic
- Textured



Copper
Metallic



Charcoal
Metallic -
Textured

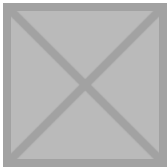


Bronze
Metallic -
Textured



Champagne
Metallic

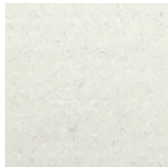
ACOUSTIC PANEL COLOR



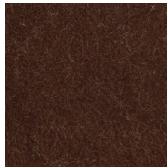
Not required



Citrus



White



Red Coffee



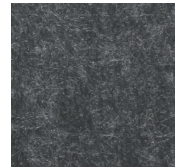
Light Gray



Apple Green



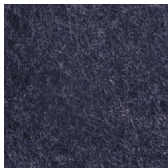
Blue



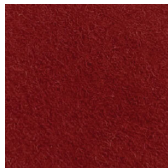
Sesame
Gray



Black



Navy Peony



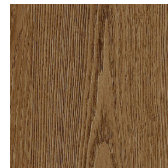
Pure Red



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

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

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

3. CCT/COLOR (DIRECT)

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

4. CCT/COLOR (INDIRECT)

N27 2700K (min 80 CRI) NRD Red	N30 3000K (min 80 CRI) NGN Green	N35 3500K (min 80 CRI) NBL Blue	N40 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		

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.

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.

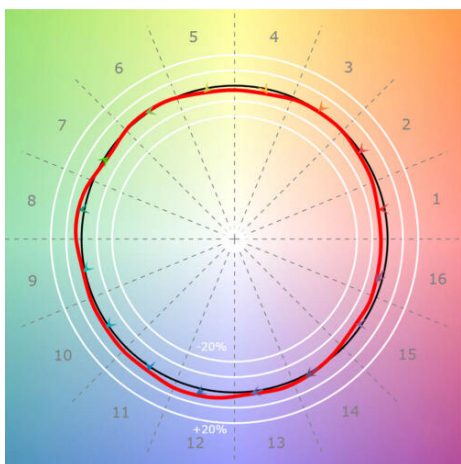
Code	983810	983820	983830	983840	983850	983860
Length	24"	36"	48"	60"	71"	83"
Power (LED)	13W	20W	27W	33W	40W	47W
Light Direction	Direct	Direct	Direct	Direct	Direct	Direct
Delivered lms	1650	2474	3300	4124	4948	5774
(Length)						
LPW	125	124	124	124	124	124
Code	983910	983920	983930	983940	983950	983960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

WIDTH

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

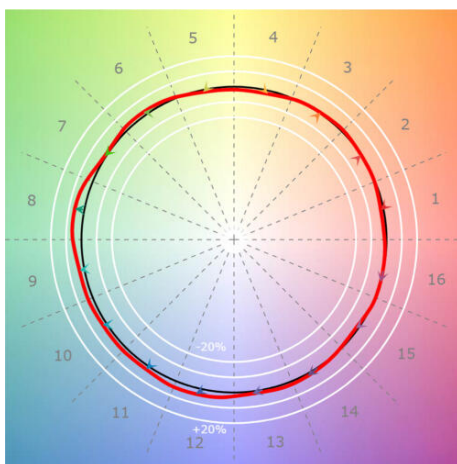
8 TM-30 DATA

CCT 2700K



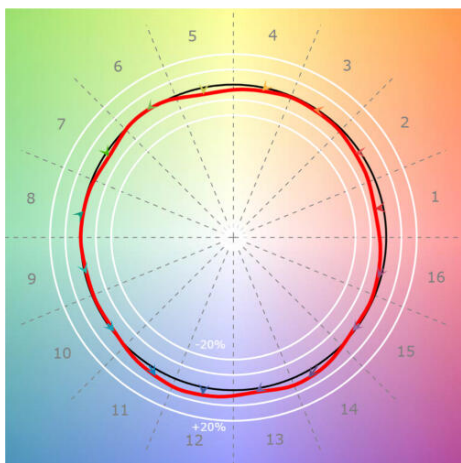
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



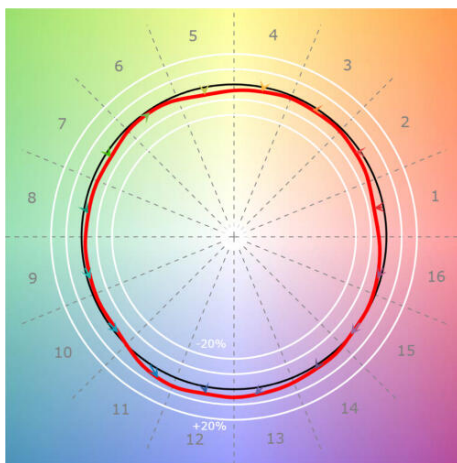
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



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

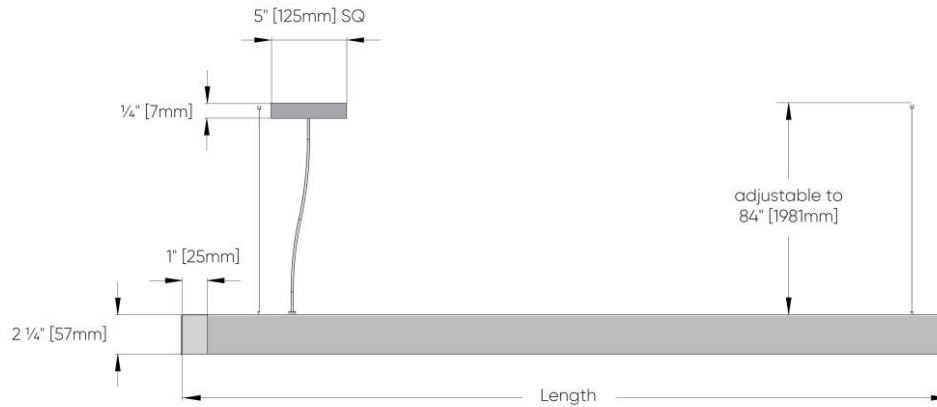
CCT 4000K



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

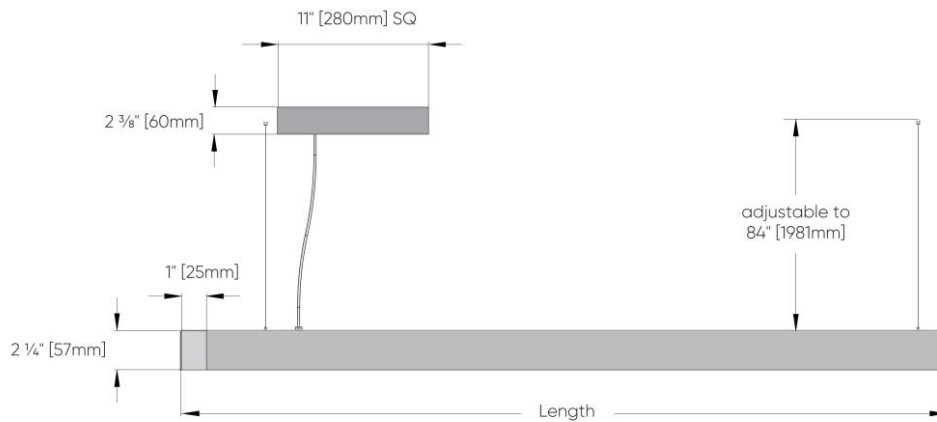
9 DIMENSIONAL DIAGRAMS

S1
Vertical - Remote Driver



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

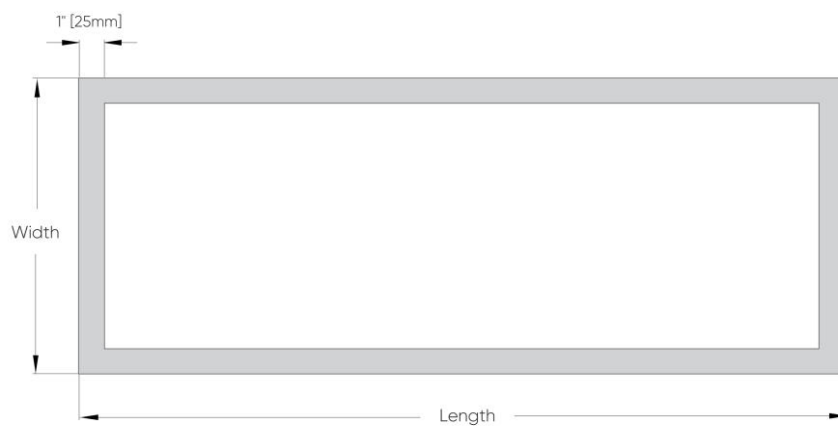
S3
Vertical - Integral Driver



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]