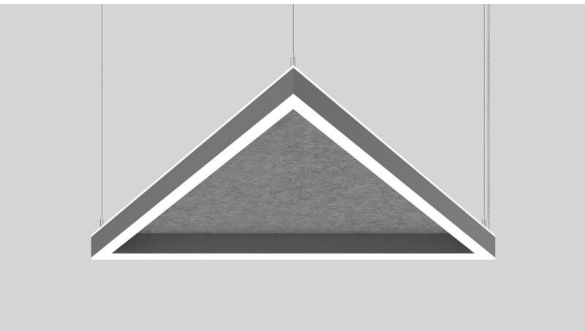
MICRO TRIANGLE II™

FULL SPECIFICATION SHEET



FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

The triangle shape is a powerful way to create an edgy and energetic aesthetic. With a super-slim 1" profile and 5 sizes ranging from 2' to 6', **MICRO TRIANGLE II** is ideal for offsetting symmetrical layouts. The light emission is direct only or direct/indirect and can be coordinated with MICRO TRIANGLE SE which emits light from the inner side of the frame. For sound comfort, **MICRO TRIANGLE 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.

2 OPTICS & FEATURES


Suspended Direct


Suspended Direct/Indirect


Acoustic


Direct


Direct/Indirect



Declare



PoE

3 APPROVALS



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4 GENERAL SPECIFICATION

BODY
Aluminum, Equilateral Triangle

FINISH
Powder coated.

SUSPENSION
Steel cables.

POWER CABLE
Silver braided.

REMOTE EMERGENCY SYSTEM(E2)
Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The remote system includes the inverter module, NiCad batteries and a remote wall/ceiling LED charge indicator and test switch. Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied). Refer to the Emergency option notes below for wattage, configuration and regional details.

REMOTE MOUNTING OF DRIVERS
Wire size 18 AWG - max distance (from fixture to drivers) 40' (12.2m), wire size 16 AWG - max distance 60' (18.3m), wire size 14 AWG - max distance 90' (27.4m). Drivers must be accessible after installation. For longer remote distances, consult factory.

DRIVERS
Remote HPF electronic drivers for 120-277V (EU-240V). The driver is integral to the fixture canopy or remote mount depending on which options are selected.

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

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")

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

DELIVERED LUMENS
Delivered lumens & LPW based on 4000K (min 80 CRI).

SENSORS
Consult factory regarding sensor compatibility.

LENS
Frosted acrylic.

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

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.

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SUSTAINABILITY

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

5 DESIGN OPTIONS

FIXTURE FINISH

White


Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Wood grain - Light Cherry [1]


Wood grain - Dark Walnut [1]


Wood grain - White Oak [1]


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic

[1] Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

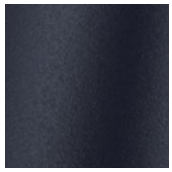
CANOPY FINISH

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 FINISH


Not required


Citrus

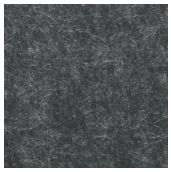
White


Red Coffee

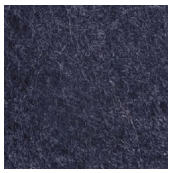

Light Gray


Apple Green


Blue


Sesame Gray


Black


Navy Peony


Pure Red


Cloudburst


Douglas Fir


Oak

Sizes above 48" include a visible seam.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

LUMINAIRE

MTTP1P02 2ft, Direct 2600 lms
MTTP1P03 3ft, Direct 3900 lms
MTTP1P04 4ft, Direct, 5100 lms
MTTP1P05 5ft, Direct, 6500 lms
MTTP1P06 6ft, Direct, 7800 lms
MTTP2P02 2ft, Direct/Indirect, 5200 lms
MTTP2P03 3ft, Direct/Indirect, 7900 lms
MTTP2P04 4ft, Direct/Indirect, 10400 lms
MTTP2P05 5ft, Direct/Indirect, 13100 lms
MTTP2P06 6ft, Direct/Indirect, 15700 lms

LUMENS (DIRECT)

LPF021 215 lm/ft [1]
LPF032 320 lm/ft [2]
LPF043 430 lm/ft [3]

[1] Based of 50% of total output. [2] Based on 75% of total output. [3] 100% of total output.

LUMENS (INDIRECT)

LPG000 Not required
LPG021 215 lm/ft [1]
LPG032 320 lm/ft [2]
LPG043 430 lm/ft [3]

[1] Based of 50% of total output. [2] Based on 75% of total output. [3] 100% of total output.

CRI

CR80 CRI 80+
CR90 CRI 90+

CCT (DIRECT)

CTA27 2700K
CTA30 3000K
CTA35 3500K
CTA40 4000K

CCT (INDIRECT)

CTB00 Not required
CTB27 2700K [1]
CTB30 3000K
CTB35 3500K
CTB40 4000K

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

VOLTAGE

V1 120/277V
V2 240V [1]
V3 347V [2]
V4 Low Voltage [3]

[1] Not available in North America. [2] Available with DA01 dimming only. [3] Available with DA45 dimming only.

DIMMING (REMOTE)

DA01 0-10V Dimming 1.0%
DA20 DALI Dimming 0.1% [1]
DA21 DALI Dimming 1.0% [1]
DA45 PoE [2]

[1] Not available with V3. [2] Available with V4 only.

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SUSPENSION

SS1 Vertical, Remote driver
SS2 Hub, Remote driver
SS3 Vertical, Driver Integral to Canopy
SS4 Hub, Driver Integral to Canopy
SS6 POS, Vertical, Remote driver

[1] Available up to 48" diameter max.
[2] MTTP2P05 available with DA01 dimming only. Not availalbe with MTTP2P06.
[3] Available in North America only. Max 60W, max 72" long.
MTTP1P05 and MTTP1P06 available with DA01 dimming only.
Not available with MTTP2P05 and MTTP2P06.

FIXTURE FINISH

FA01 White
FA02 Black Metallic - Textured
FA20 Silver Metallic - Textured
FA25 Gold Metallic - Textured
FA27 Wood grain - Light Cherry [1]
FA28 Wood grain - Dark Walnut [1]
FA30 Wood grain - White Oak [1]
FA44 Midnight Blue Metallic - Textured
FA45 Copper Metallic
FA46 Charcoal Metallic - Textured
FA47 Bronze Metallic - Textured
FA52 Champagne Metallic

[1] Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

CANOPY FINISH

CF01 White
CF02 Black Metallic - Textured
CF20 Silver Metallic - Textured
CF25 Gold Metallic - Textured
CF44 Midnight Blue Metallic - Textured
CF45 Copper Metallic
CF46 Charcoal Metallic - Textured
CF47 Bronze Metallic - Textured
CF52 Champagne Metallic
CF53 Red Metallic - Textured

ACOUSTIC PANEL FINISH

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

Sizes above 48" include a visible seam.For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages. Other finishes available. Contact factory.

EMERGENCY

E0 Not required
E2 Emergency system - Remote [1]

[1] For North America, the minimum emergency system wattage is 7.5W. Refer to the fixture's lumens per watt to estimate emergency light output. The emergency system typically powers only a portion of the fixture, depending on the fixture configuration and number of drivers. Consult factory for emergency system configuration and illuminated section details.
For Europe, the emergency system wattage and configuration may vary. Consult factory for details.

CIRCUITS

CS1 Single Circuit
CS2 Dual circuit

7 TECHNICAL DATA

LUMINAIRE

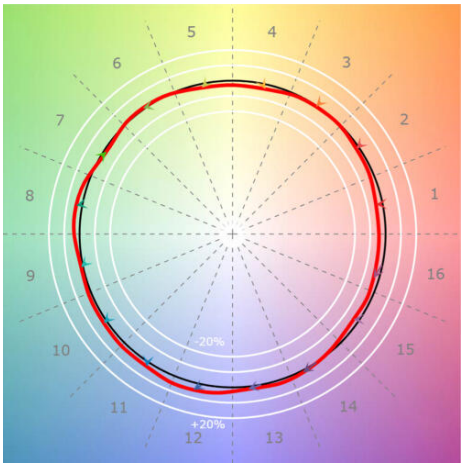
Code	MTTP1P02	MTTP1P03	MTTP1P04	MTTP1P05	MTTP1P06	MTTP2P02
Length	24"	36"	48"	60"	72"	24"
Light Direction	Direct	Direct	Direct	Direct	Direct	Direct/Indirect
Wattage	20W	30W	40W	50W	60W	40W
Delivered lms	2600	3900	5100	6500	7800	5200
LPW	129	129	129	129	129	131

Code	MTTP2P03	MTTP2P04	MTTP2P05	MTTP2P06
Length	36"	48"	60"	72"
Light Direction	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect
Wattage	60W	80W	100W	120W
Delivered lms	7900	10400	13100	15700
LPW	131	131	131	131

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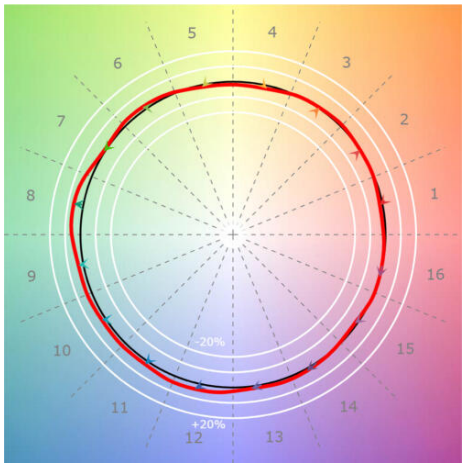
8 TM-30 DATA

CCT 2700K



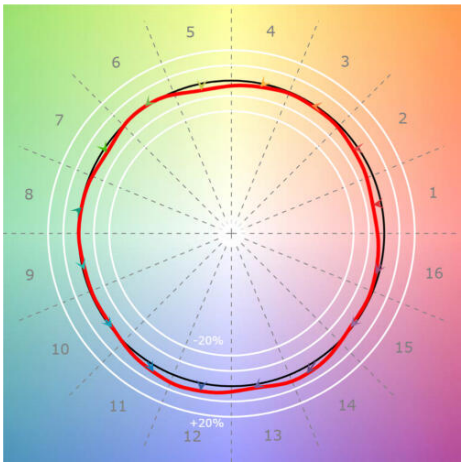
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



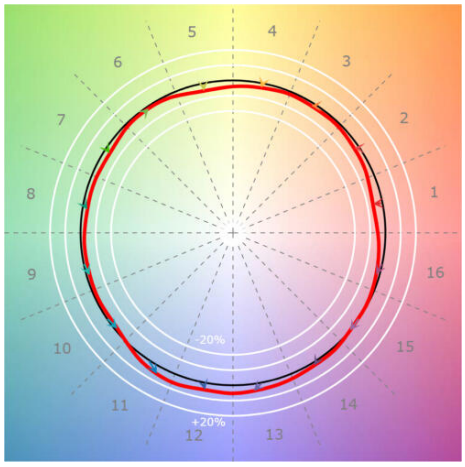
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



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

CCT 4000K

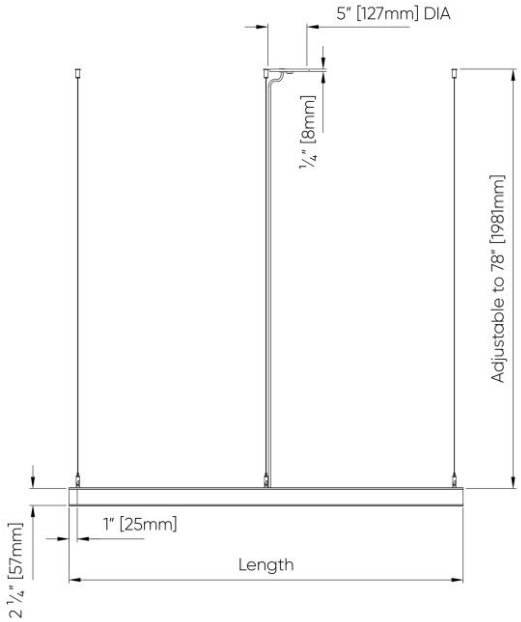


CRI(Ra)	92
CRI(R9)	50
TM30(Rf)	89
TM30(Rg)	97
Duv	0.0011

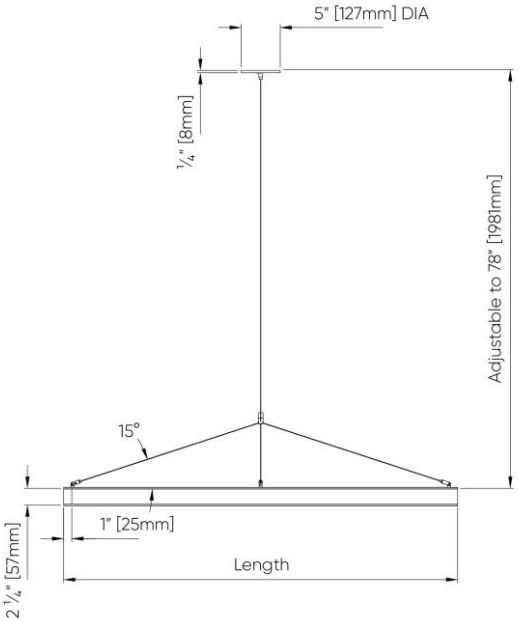
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9 DIMENSIONAL DIAGRAMS

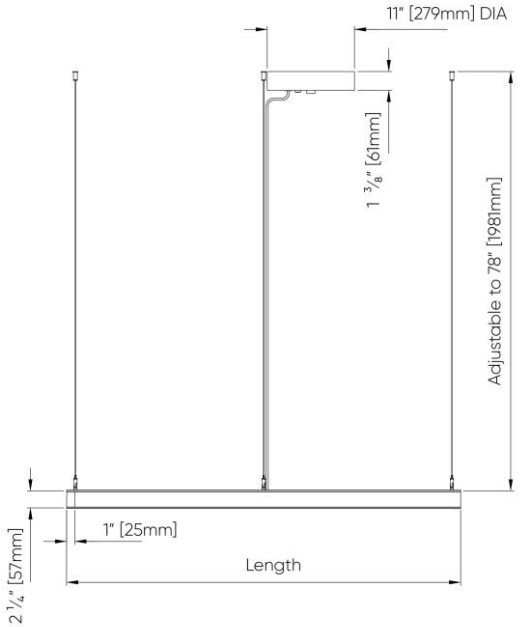
SS1
Vertical - Remote Driver



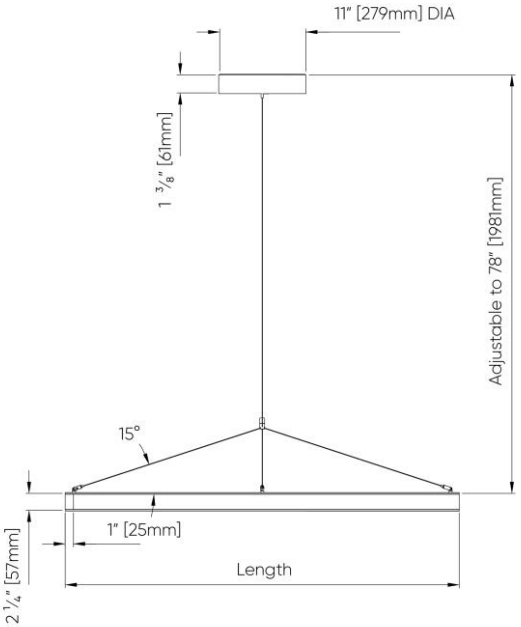
SS2
Hub - Remote Driver



SS3
Vertical - Integral Driver



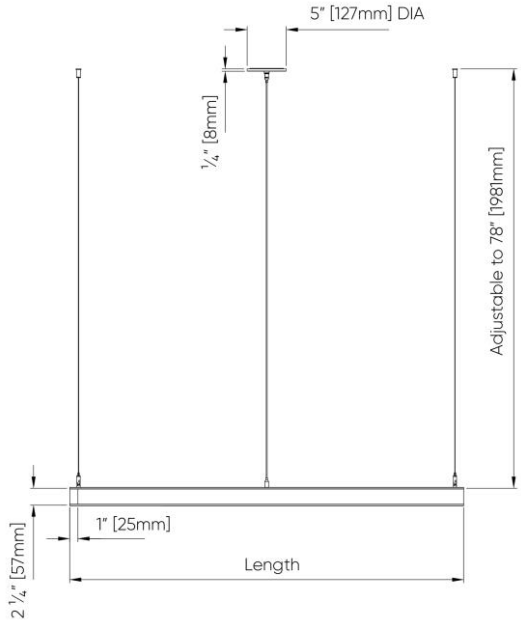
SS4
Hub - Integral Driver



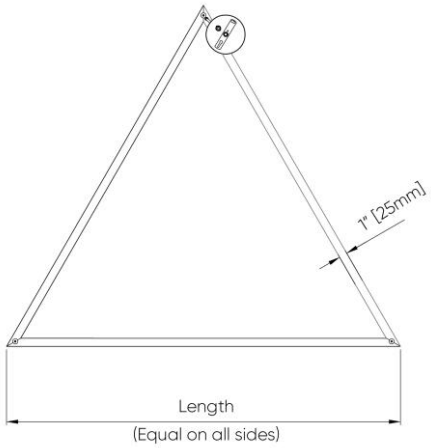
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SS6

Vertical - Remote Driver



Power Over Suspention



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