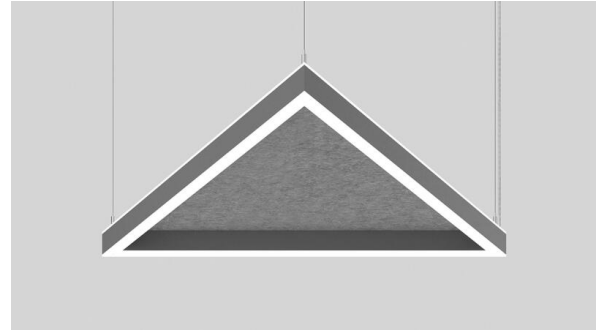




# MICRO TRIANGLE II™

## 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



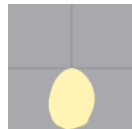
Suspended  
Direct



Suspended  
Direct/Indirect



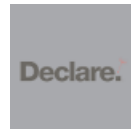
Acoustic



Direct



Direct/Indirect



Declare



PoE

### 3 APPROVALS



DAMP  
LOCATION



IP20

**4 GENERAL SPECIFICATION**

**BODY**

Aluminum, Equilateral Triangle

**SUSPENSION**

Steel cables.

**REMOTE EMERGENCY SYSTEM**

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 (NA only) Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied).

**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.

**ACOUSTIC PANELS NRC RATING**

0.80

**ACOUSTIC PANELS MATERIAL**

100% recycled polyester fiber (PET).

**POE**

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

**SENSORS**

Consult factory regarding sensor compatibility.

**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.

**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.

**MECHANICAL**

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

**ACOUSTIC PANELS FIRE RATING**

ASTM E84-2018 Class A.

**ACOUSTIC PANELS THICKNESS**

12mm (0.5")

**DELIVERED LUMENS**

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

**LENS**

Frosted acrylic.

**APPROVALS**

Damp Rated.

**ACOUSTIC PANEL MAINTENANCE**

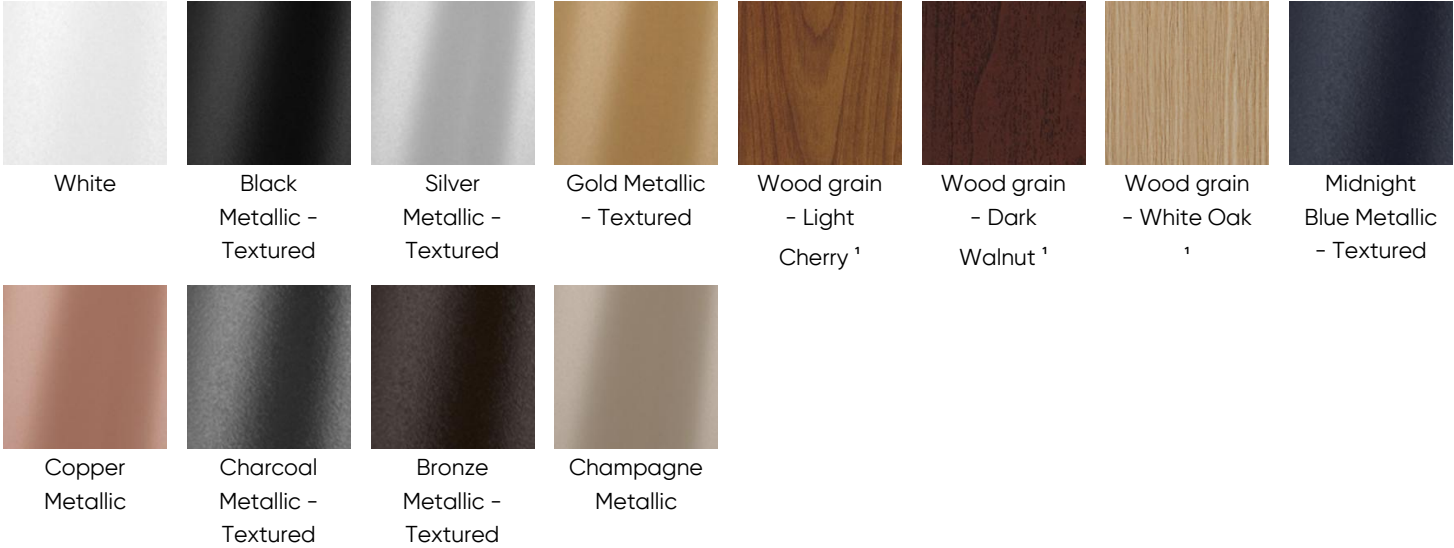
Durable and easy to maintain. Dust regularly and clean marks with mild detergent, rinse, and blot.

**SUSTAINABILITY**

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

**5 DESIGN OPTIONS**

**FIXTURE FINISH**



<sup>1</sup> Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

**CANOPY FINISH**



**ACOUSTIC PANEL FINISH**



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**

**1. LUMINAIRE**

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

**2. LUMENS (DIRECT)**

<b>LPF021</b> 215 lm/ft <sup>1</sup>	<b>LPF032</b> 320 lm/ft <sup>2</sup>	<b>LPF043</b> 430 lm/ft <sup>3</sup>
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<sup>1</sup> Based of 50% of total output. <sup>2</sup> Based on 75% of total output. <sup>3</sup> 100% of total output.

**3. LUMENS (INDIRECT)**

<b>LPG000</b> Not required	<b>LPG021</b> 215 lm/ft <sup>1</sup>	<b>LPG032</b> 320 lm/ft <sup>2</sup>	<b>LPG043</b> 430 lm/ft <sup>3</sup>
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<sup>1</sup> Based of 50% of total output. <sup>2</sup> Based on 75% of total output. <sup>3</sup> 100% of total output.

**4. CRI**

<b>CR80</b> CRI 80+	<b>CR90</b> CRI 90+
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## 5. CCT (DIRECT)

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

## 6. CCT (INDIRECT)

**CTB00** Not required                      **CTB27** 2700K <sup>1</sup>                      **CTB30** 3000K                      **CTB35** 3500K  
**CTB40** 4000K

<sup>1</sup> Longer than normal lead times may apply, consult factory.

## 7. VOLTAGE

**V1** 120/277V                      **V2** 240V <sup>1</sup>                      **V3** 347V <sup>2</sup>                      **V4** Low Voltage <sup>3</sup>

<sup>1</sup> Not available in North America. <sup>2</sup> Available with DA01 dimming only. <sup>3</sup> Available with DA45 dimming only.

## 8. DIMMING (REMOTE)

**DA01** 0-10V Dimming 1.0%                      **DA20** DALI Dimming 0.1% <sup>1</sup>                      **DA21** DALI Dimming 1.0% <sup>1</sup>                      **DA45** PoE <sup>2</sup>

<sup>1</sup> Not available with V3. <sup>2</sup> Available with V4 only.

## 9. 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

<sup>1</sup> Available up to 48" diameter max.

<sup>2</sup> MTTP2P05 available with DA01 dimming only. Not available with MTTP2P06.

<sup>3</sup> Available in North America only. Max 60W, max 72" long.

MTTP1P05 and MTTP1P06 available with DA01 dimming only.

Not available with MTTP2P05 and MTTP2P06.

## 10. FIXTURE FINISH

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

<sup>1</sup> Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

### 11. CANOPY FINISH

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

### 12. ACOUSTIC PANEL FINISH

<b>AP00</b> Not required	<b>AP02</b> Citrus	<b>AP04</b> White	<b>AP08</b> Red Coffee
<b>AP11</b> Light Gray	<b>AP13</b> Apple Green	<b>AP22</b> Blue	<b>AP26</b> Sesame Gray
<b>AP27</b> Black	<b>AP47</b> Navy Peony	<b>AP60</b> Pure Red	<b>AP73</b> Cloudburst
<b>AP89</b> Douglas Fir	<b>APW01</b> 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.

### 13. EMERGENCY

<b>E0</b> Not required	<b>E2</b> Emergency system - Remote
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### 14. CIRCUITS

<b>CS1</b> Single Circuit	<b>CS2</b> Dual circuit
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## 7 TECHNICAL DATA

### LUMINAIRE

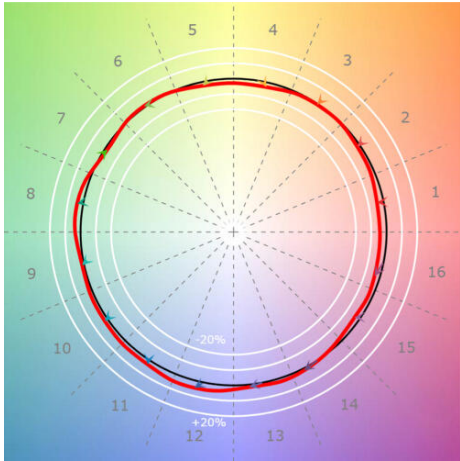
Code	<b>MTTP1P02</b>	<b>MTTP1P03</b>	<b>MTTP1P04</b>	<b>MTTP1P05</b>	<b>MTTP1P06</b>	<b>MTTP2P02</b>
<b>Length</b>	24"	36"	48"	60"	72"	24"
<b>Light Direction</b>	Direct	Direct	Direct	Direct	Direct	Direct/Indirect
<b>Wattage</b>	20W	30W	40W	50W	60W	40W
<b>Delivered lms</b>	2600	3900	5100	6500	7800	5200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

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

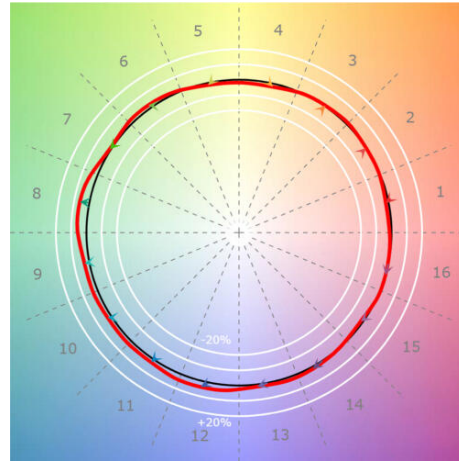
**8** TM-30 DATA

**CCT 2700K**



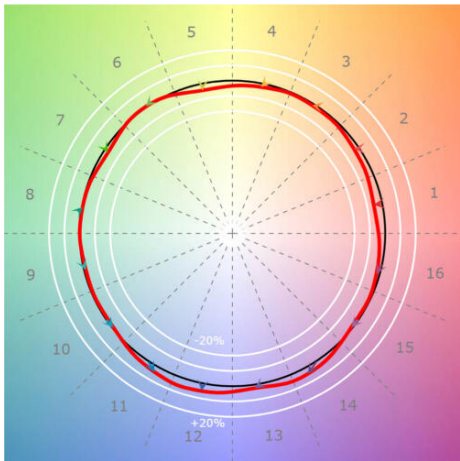
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	99
<b>Duv</b>	0.0004

**CCT 3000K**



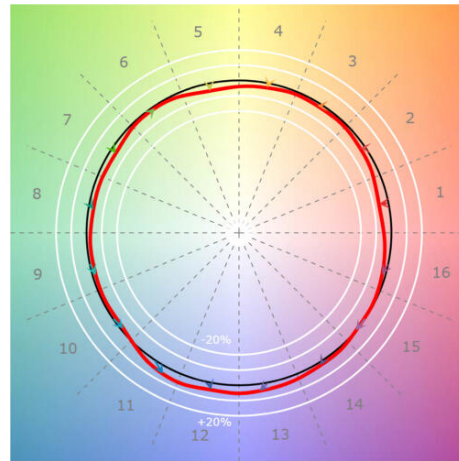
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	75
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	102
<b>Duv</b>	-0.0001

**CCT 3500K**



<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0009

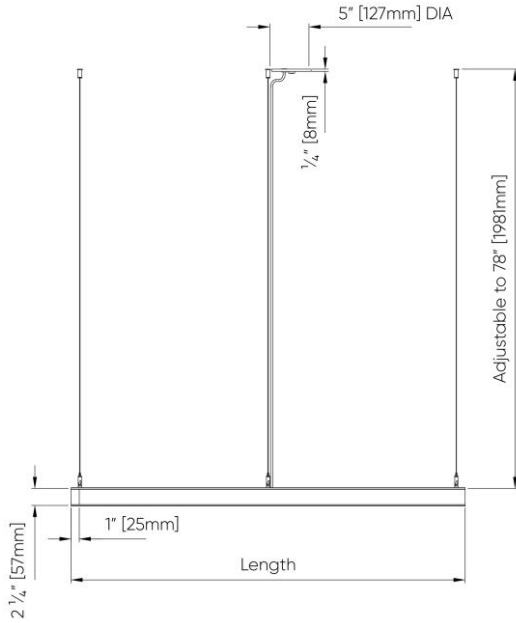
**CCT 4000K**



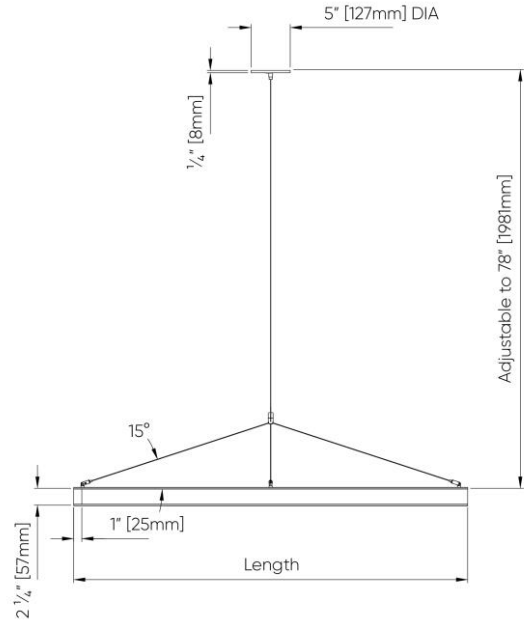
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	50
<b>TM30(Rf)</b>	89
<b>TM30(Rg)</b>	97
<b>Duv</b>	0.0011

**9** DIMENSIONAL DIAGRAMS

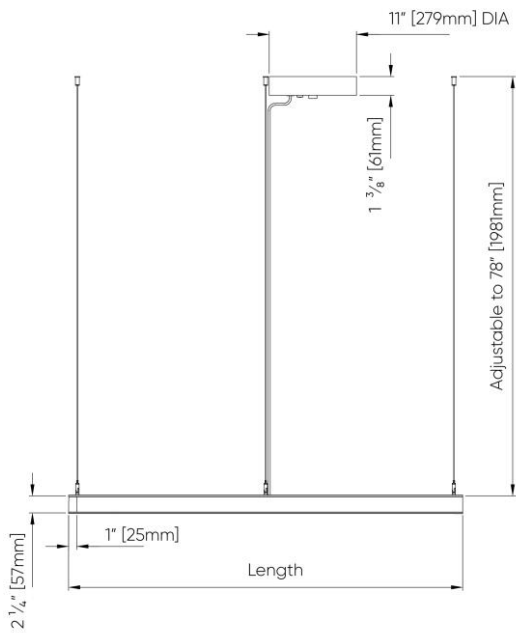
**SS1**  
Vertical - Remote Driver



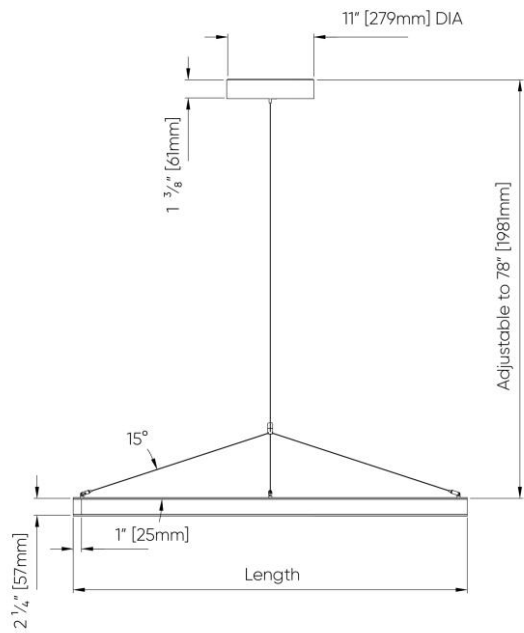
**SS2**  
Hub - Remote Driver



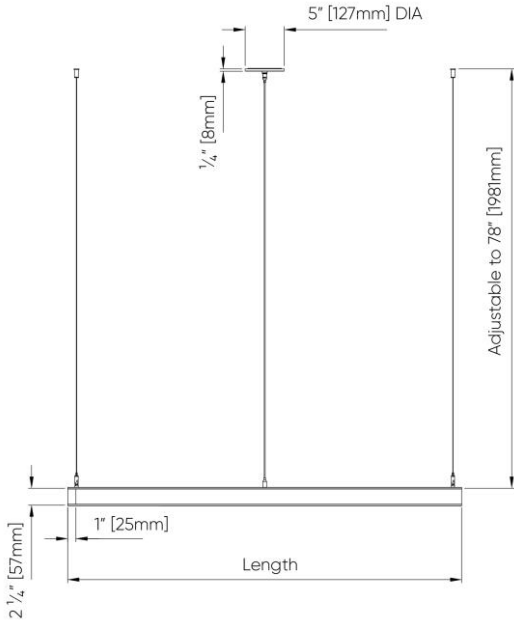
**SS3**  
Vertical - Integral Driver



**SS4**  
Hub - Integral Driver



**SS6**  
Vertical - Remote Driver



**Power Over Suspension**

