

# MATREX RD DUAL™ - SUSPENDED



Project Name:	Fixture Type:
Fixture Code:	Quantities:

## A. LUMINAIRE

<b>MRDP1P01</b> Double Down, LEDs / Multi-Array Optics, 20100 lms	<b>MRDP2P01</b> Direct/Indirect, LEDs / Multi-Array Optics, 20100 lms	<b>MRDP3P01</b> Double Up, LEDs / Multi-Array Optics, 20100 lms	<b>MRDP1P02</b> Double Down, COB / Reflector, 10050 lms
<b>MRDP2P02</b> Direct/Indirect, COB / Reflector, 10050 lms	<b>MRDP3P02</b> Double Up, COB / Reflector, 10050 lms		

All data shown at max output and nominal values.

## B. LUMENS (UPPER MODULE)

<b>LMA0250</b> 2500	<b>LMA0500</b> 5025	<b>LMA0750</b> 7500 <sup>1</sup>	<b>LMA1000</b> 10050 <sup>1</sup>
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<sup>1</sup> Not available with COB / Reflector.  
\* Max lumen values shown, refer to IES files for the different snoot and beam options.

## C. LUMENS (LOWER MODULE)

<b>LMB0250</b> 2500	<b>LMB0500</b> 5025	<b>LMB0750</b> 7500 <sup>1</sup>	<b>LMB1000</b> 10050 <sup>1</sup>
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<sup>1</sup> Not available with COB / Reflector.  
\* Max lumen values shown, refer to IES files for the different snoot and beam options.

## D. CRI

<b>CR80</b> CRI 80+	<b>CR90</b> CRI 90+ <sup>1</sup>
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<sup>1</sup> Not available with COB / Reflector.

## E. CCT

<b>CTA27</b> 2700K <sup>1</sup>	<b>CTA30</b> 3000K	<b>CTA35</b> 3500K	<b>CTA40</b> 4000K
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<sup>1</sup> 2700K is only available with CRI 80+ and LEDs / Multi-Array Optics.

## F. BEAM ANGLE (UPPER MODULE)

<b>BA15</b> 15° <sup>1</sup>	<b>BA30</b> 30° <sup>1</sup>	<b>BA50</b> 50°	<b>BA70</b> 70° <sup>1</sup>
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<sup>1</sup> 15°, 30°, and 70° are not available with COB / Reflector.

## G. BEAM ANGLE (LOWER MODULE)

<b>BB15</b> 15° <sup>1</sup>	<b>BB30</b> 30° <sup>1</sup>	<b>BB50</b> 50°	<b>BB70</b> 70° <sup>1</sup>
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<sup>1</sup> 15°, 30°, and 70° are not available with COB / Reflector.

## H. VOLTAGE

<b>V1</b> 120/277V	<b>V2</b> 240V <sup>1</sup>	<b>V3</b> 347V <sup>2</sup>
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<sup>1</sup> Not available in North America.  
<sup>2</sup> Only available with DA01 dimming.

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## I. DIMMING

<b>DA01</b> 0-10V Dimming 1.0%	<b>DA02</b> 0-10V Dimming 0.1% <sup>1</sup>	<b>DA20</b> DALI Dimming 0.1% <sup>1</sup>	<b>DA21</b> DALI Dimming 1.0% <sup>1</sup>
<b>DA30</b> DSL/switchDim <sup>1 2</sup>	<b>DA40</b> DMX Dimming <sup>1 3</sup>		

<sup>1</sup> Not available with 347V.  
<sup>2</sup> Not available in North America.  
<sup>3</sup> Only available with CN4 canopy.

## J. FIXTURE FINISH

<b>FA01</b> White	<b>FA02</b> Black Metallic - Textured	<b>FA20</b> Silver Metallic - Textured	<b>FA25</b> Gold Metallic - Textured
<b>FA44</b> Midnight Blue Metallic - Textured	<b>FA46</b> Charcoal Metallic - Textured	<b>FA47</b> Bronze Metallic - Textured	<b>FA53</b> Red Metallic - Textured

## K. CANOPY

<b>CN1</b> Canopy A <sup>1</sup>	<b>CN2</b> Canopy B <sup>1</sup>	<b>CN3</b> Canopy C <sup>1 2</sup>	<b>CN4</b> Canopy D <sup>1 3</sup>
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<sup>1</sup> Fits over a standard j-box (provided by others)  
<sup>2</sup> For use with V2 (240V) only.  
<sup>3</sup> To be ordered with E1 (Emergency Integral) or DA40 (DMX Dimming)

## L. 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>CF46</b> Charcoal Metallic - Textured	<b>CF47</b> Bronze Metallic - Textured	<b>CF53</b> Red Metallic - Textured

## M. SNOOTS AND LOUVER (UPPER MODULE)

<b>NT1</b> Standard Snoot - Black <sup>1</sup>	<b>NT2</b> Standard Snoot - White <sup>1</sup>	<b>NT3</b> Long Snoot - Black <sup>1 2</sup>	<b>NT4</b> Long Snoot - White <sup>1 2</sup>
<b>NT5</b> Half Snoot - Black <sup>1 2</sup>	<b>NT6</b> Half Snoot - White <sup>1 2</sup>	<b>NT9</b> Hex Louver - Black <sup>2 3</sup>	

For precise beam angle and lumen output, please refer to the IES files. Note that using snoots and louvers may decrease overall efficacy.  
For COB/Reflector, the bezel finish matches the snoot finish.  
<sup>1</sup> A snoot must be picked at time of order, if you are not ordering a louver.  
<sup>2</sup> Not available with COB / Reflector.  
<sup>3</sup> Not available with BA70 beam angle. Available with Double Down version only.

## N. SNOOTS AND LOUVER (LOWER MODULE)

<b>NU1</b> Standard Snoot - Black <sup>1</sup>	<b>NU2</b> Standard Snoot - White <sup>1</sup>	<b>NU3</b> Long Snoot - Black <sup>1 2</sup>	<b>NU4</b> Long Snoot - White <sup>1 2</sup>
<b>NU5</b> Half Snoot - Black <sup>1 2</sup>	<b>NU6</b> Half Snoot - White <sup>1 2</sup>	<b>NU9</b> Hex Louver - Black <sup>2 3</sup>	

For precise beam angle and lumen output, please refer to the IES files. Note that using snoots may decrease overall efficacy.  
For COB/Reflector, the bezel finish matches the snoot finish.  
<sup>1</sup> A snoot must be picked at time of order, if you are not ordering a louver.  
<sup>2</sup> Not available with COB / Reflector.  
<sup>3</sup> Not available with BB70 beam angle.

## O. EMERGENCY

<b>E0</b> Emergency system not required	<b>E1</b> Emergency system - Integral <sup>1 2</sup>
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<sup>1</sup> Integral emergency in the lower module only, drivers are in the canopy. Not available with 347V. Two power cables will be supplied.  
<sup>2</sup> CN4 canopy only used when ordering emergency or DMX. Two power cables supplied.

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## P. SEPARATE SWITCHING

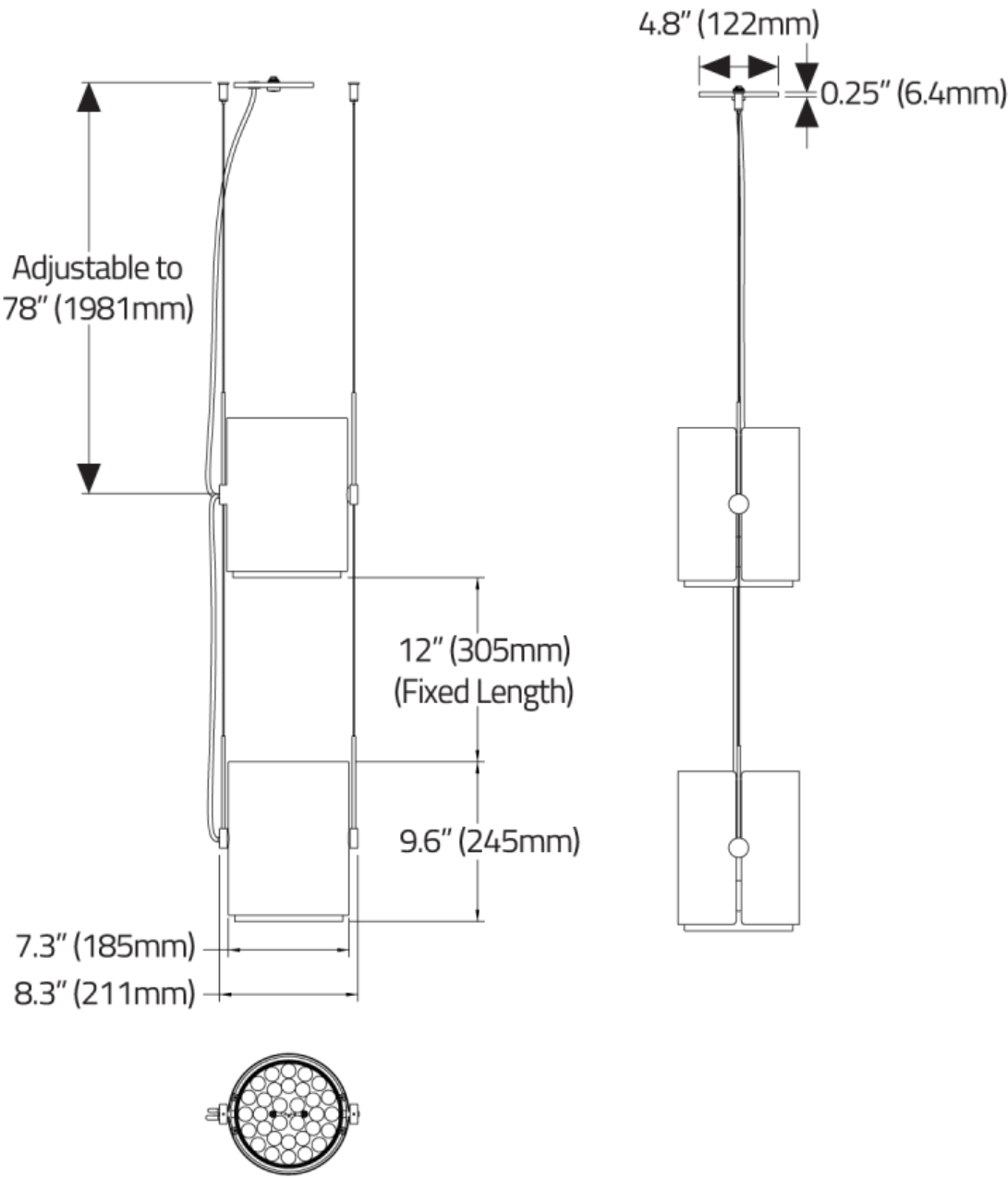
<b>CS1</b> Single circuit	<b>CS2</b> Separate switching <sup>1</sup>
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<sup>1</sup> Two power cables will be supplied.

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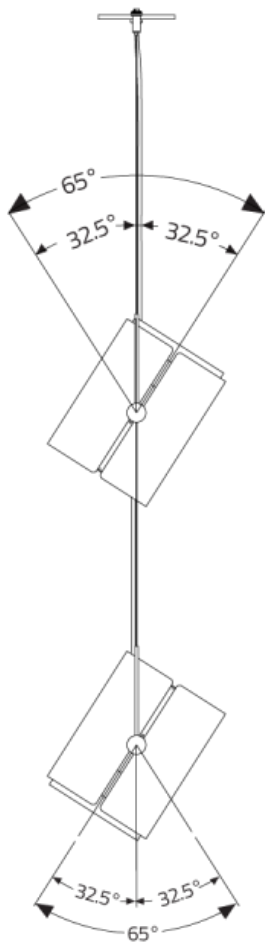
## DIMENSIONAL DIAGRAMS

### FIXTURE PROFILE

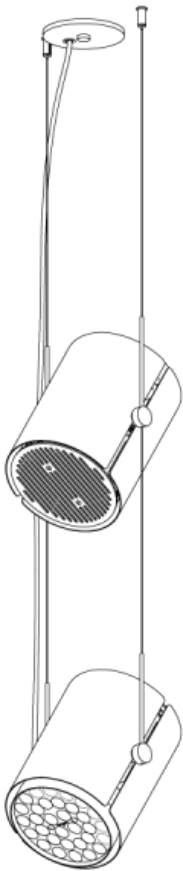


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DIRECT/INDIRECT



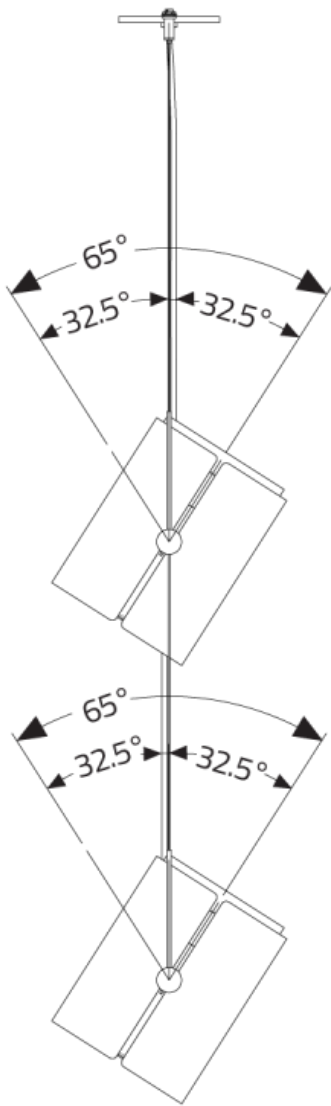
ISOMETRIC BOTTOM VIEW  
(STRAIGHT)



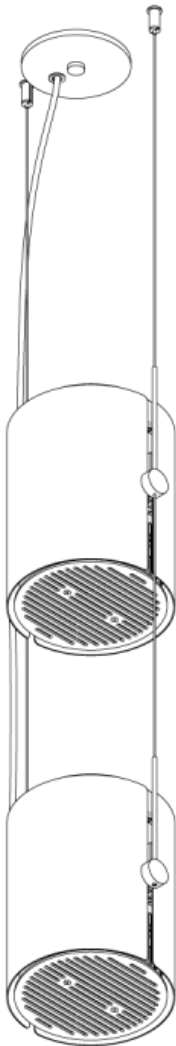
ISOMETRIC VIEW  
(ANGLED)

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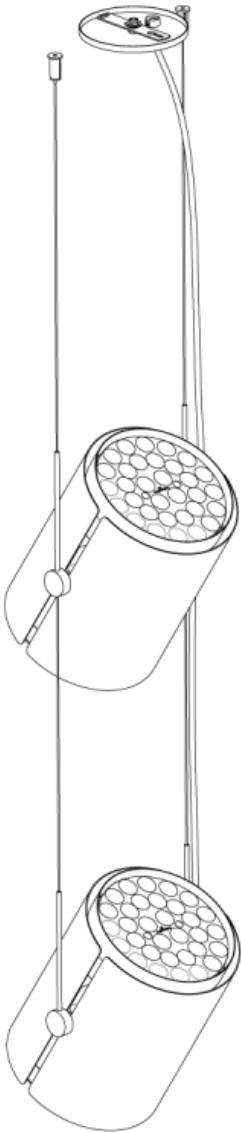
DOUBLE UP



ISOMETRIC BOTTOM VIEW  
(STRAIGHT)

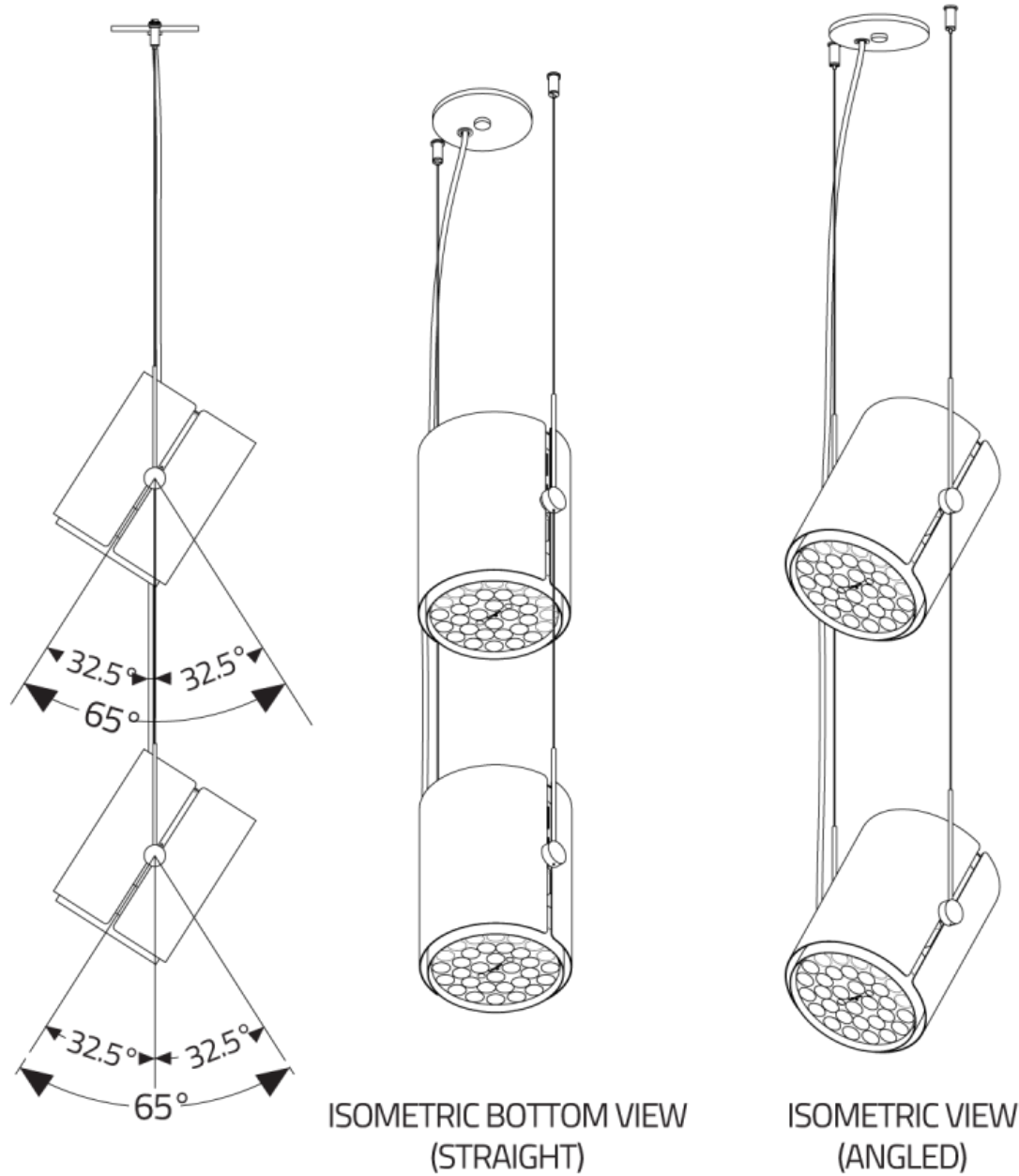


ISOMETRIC VIEW  
(ANGLED)



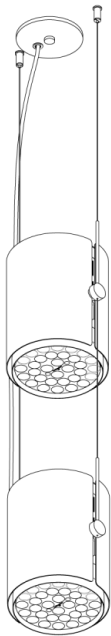
MATREX RD DUAL™ - SUSPENDED

DOUBLE DOWN

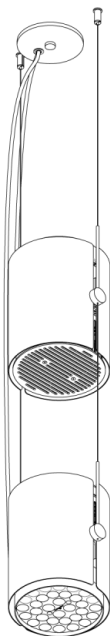


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SEPARATE SWITCHING (CS1, CS2)



SINGLE SWITCHING



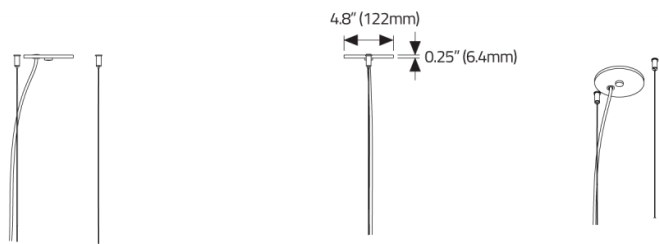
SEPARATE SWITCHING  
(Two power cables supplied)



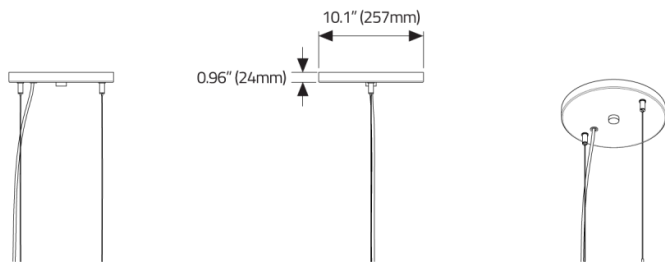
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## CANOPIES

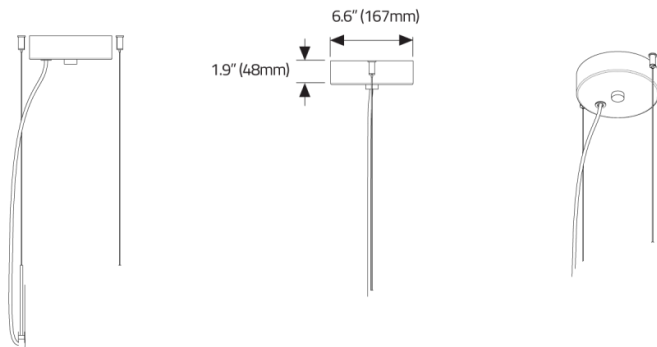
CANOPY A



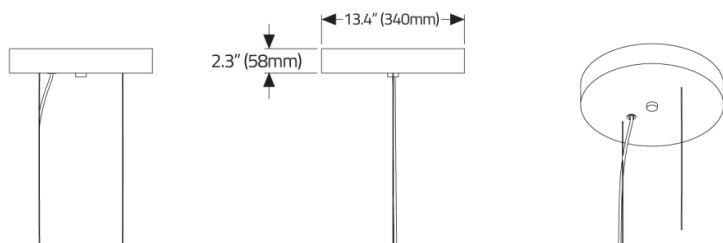
CANOPY B



CANOPY C

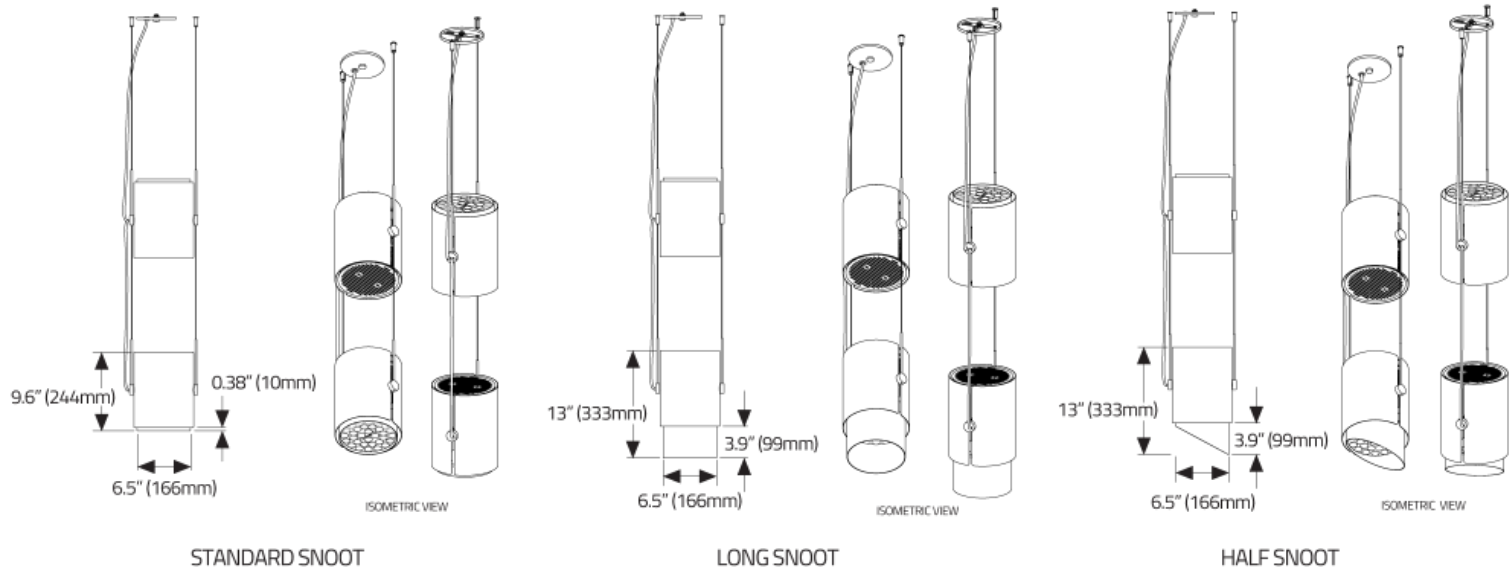


CANOPY D



# MATREX RD DUAL™ - SUSPENDED

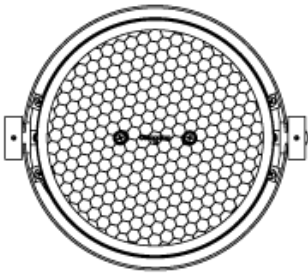
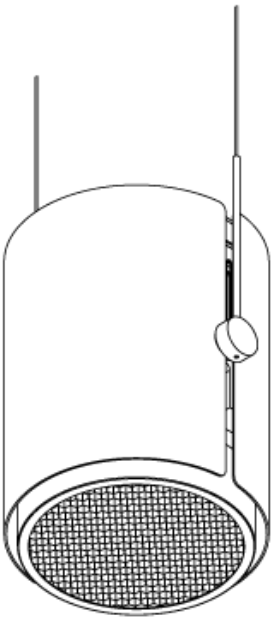
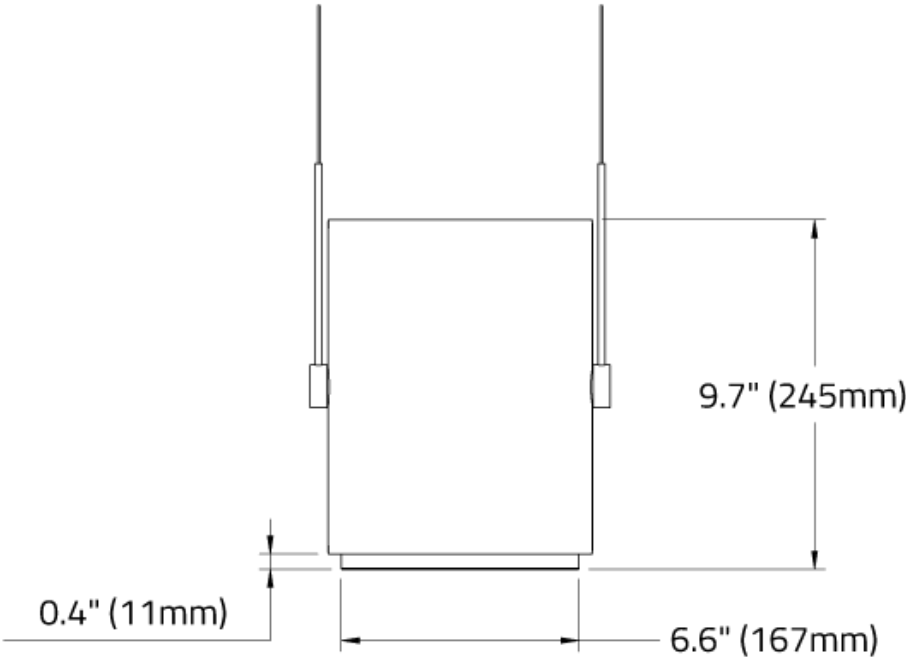
## SNOOTS



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LOUVRE

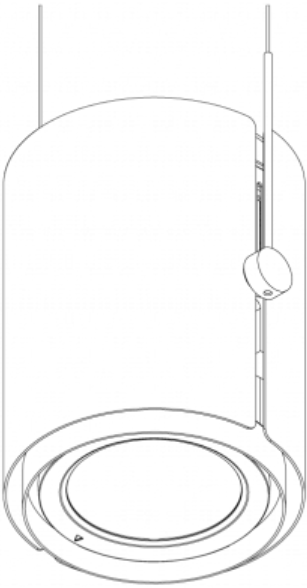
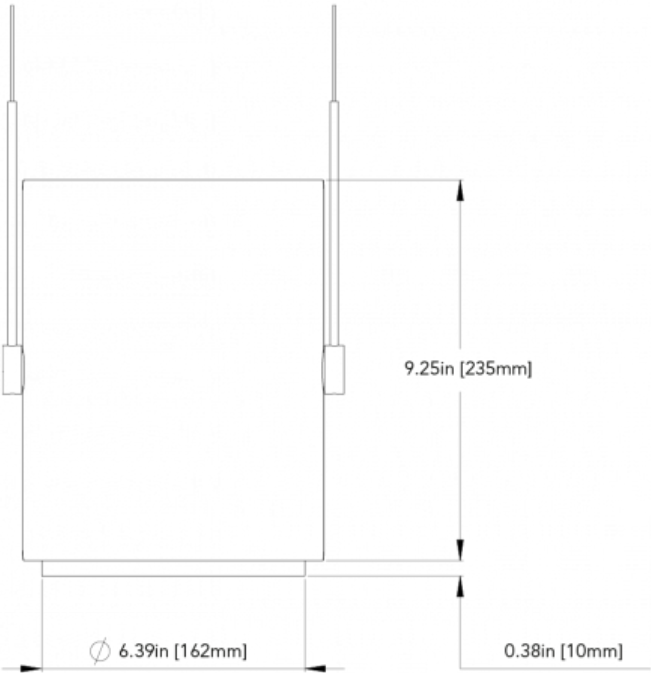
HEX CELL LOUVRE



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Matrex Round PD - COB

Matrex RD PD - COB



Isometric View

