MATREX RD DUAL TWIST™ - SURFACE

Project Name: **Fixture Type:**

Fixture Code: **Quantities:**

A. LUMINAIRE

MRDT1P01 Double Down, LEDs / Multi-Array Optics, 20100 lms | **MRDT2P01** Direct/Indirect, LEDs / Multi-Array Optics, 20100 lms | **MRDT1P02** Double Down, COB / Reflector, 10050 lms | **MRDT2P02** Direct/Indirect, COB / Reflector, 10050 lms

All data shown at max output and nominal values.
For MRDT2P01 and MRDT2P02 (Direct/Indirect) the upper module will be direct and the lower module will be indirect.

B. LUMENS (UPPER MODULE)

LMA0250 2500 | **LMA0500** 5025 | **LMA0750** 7500 [1] | **LMA1000** 10050 [1]

For MRDT2P01 and MRDT2P02 (Direct/Indirect) the upper module will be direct and the lower module will be indirect.
[1] Not available with COB / Reflector.
* Max lumen values shown, refer to IES files for the different snoot and beam options.

C. LUMENS (LOWER MODULE)

LMB0250 2500 | **LMB0500** 5025 | **LMB0750** 7500 [1] | **LMB1000** 10050 [1]

For MRDT2P01 and MRDT2P02 (Direct/Indirect) the upper module will be direct and the lower module will be indirect.
[1] Not available with COB / Reflector.
* Max lumen values shown, refer to IES files for the different snoot and beam options.

D. CRI

CR80 CRI 80+ | **CR90** CRI 90+ [1]

[1] Not available with COB / Reflector.

E. CCT

CTA27 2700K [1] | **CTA30** 3000K | **CTA35** 3500K | **CTA40** 4000K

[1] 2700K is only available with CRI 80+

F. BEAM ANGLE (UPPER MODULE)

BA15 15° [1] | **BA30** 30° [1] | **BA50** 50° | **BA70** 70° [1]

[1] 15°, 30°, and 70° are not available with COB / Reflector.

G. BEAM ANGLE (LOWER MODULE)

BB15 15° [1] | **BB30** 30° [1] | **BB50** 50° | **BB70** 70° [1]

[1] 15°, 30°, and 70° are not available with COB / Reflector.

H. VOLTAGE

V1 120/277V | **V2** 240V [1] | **V3** 347V [2]

[1] Not available in North America
[2] Only available with DA01 dimming

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I. DIMMING

DA01 0-10V Dimming 1.0%
DA02 0-10V Dimming 0.1% [1]
DA20 DALI Dimming 0.1% [1]
DA21 DALI Dimming 1.0% [1]
DA30 DSI/switchDim [1] [2]

[1] Not available with V3.
[2] Not available in North America.

J. FIXTURE FINISH

FA01 White
FA02 Black Metallic - Textured
FA20 Silver Metallic - Textured
FA44 Midnight Blue Metallic - Textured
FA46 Charcoal Metallic - Textured
FA47 Bronze Metallic - Textured
FA53 Red Metallic - Textured

K. SNOOTS AND LOUVER (UPPER MODULE)

NT1 Standard Snoot - Black [1]
NT2 Standard Snoot - White [1]
NT3 Long Snoot - Black [1] [2]
NT4 Long Snoot - White [1] [2]
NT9 Hex Louver - Black [2] [3]

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.
[1] A snoot must be picked at time of order, if you are not ordering a louver.
[2] Not available with COB / Reflector.
[3] Not available with BA70 beam angle. Available with Double Down version only.

L. SNOOTS AND LOUVER (LOWER MODULE)

NU1 Standard Snoot - Black [1]
NU2 Standard Snoot - White [1]
NU3 Long Snoot - Black [1] [2]
NU4 Long Snoot - White [1] [2]
NU9 Hex Louver - Black [2] [3]

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.
[1] A snoot must be picked at time of order, if you are not ordering a louver.
[2] Not available with BB70 beam angle. Available with Double Down version only.

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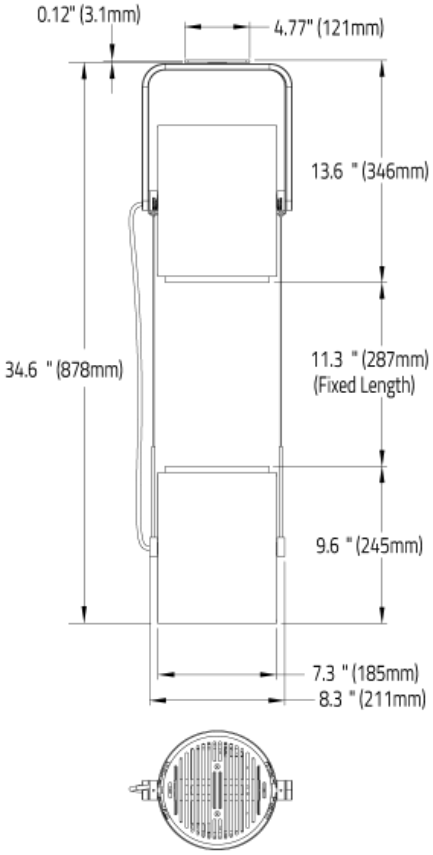
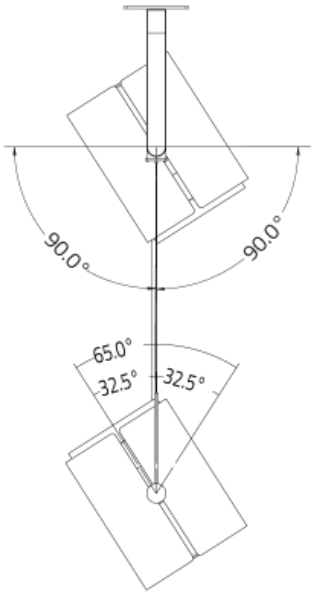
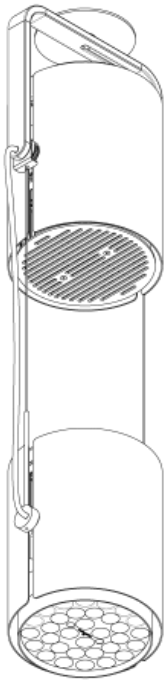
DIMENSIONAL DIAGRAMS

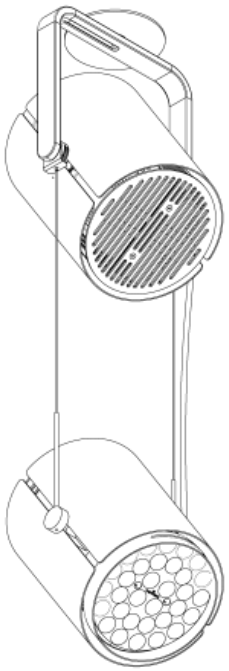
Direct/Indirect







ISOMETRIC BOTTOM VIEW
STRAIGHT



ISOMETRIC VIEW
ANGLED

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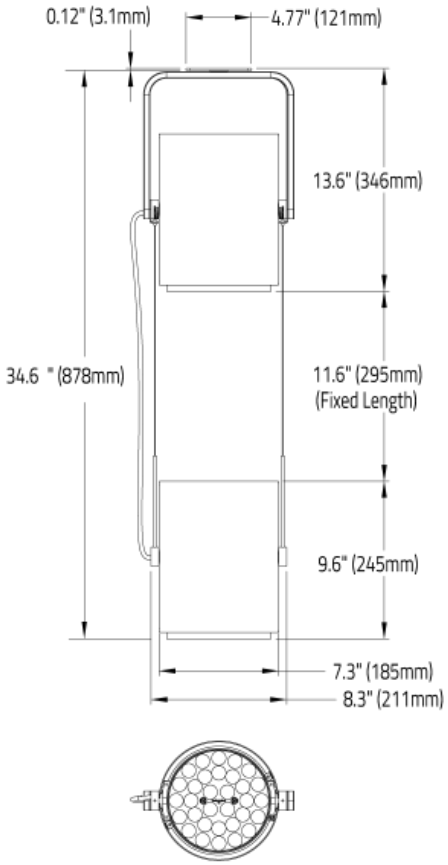
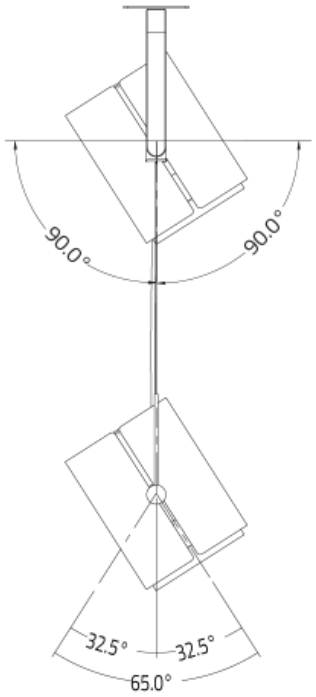
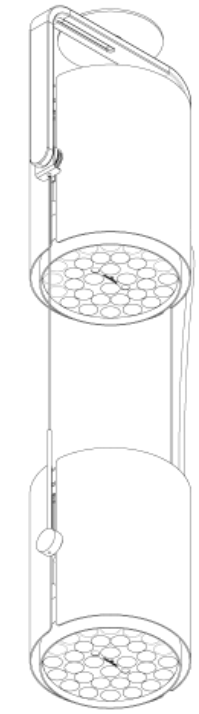
MATREX RD DUAL TWIST™ - SURFACE

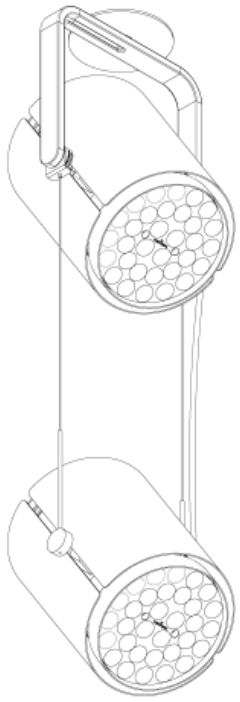
Double Down







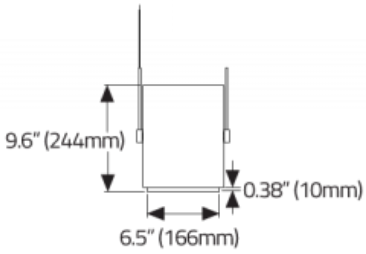
ISOMETRIC BOTTOM VIEW
STRAIGHT



ISOMETRIC VIEW
ANGLED

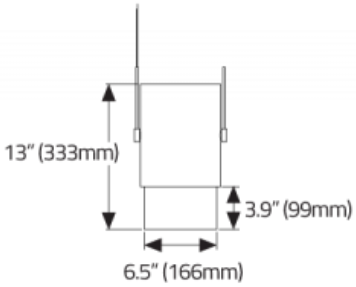
Snoots

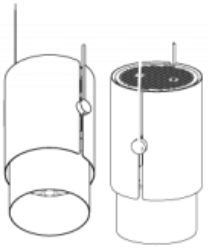
STANDARD SNOOT



ISOMETRIC VIEW

LONG SNOOT





ISOMETRIC VIEW

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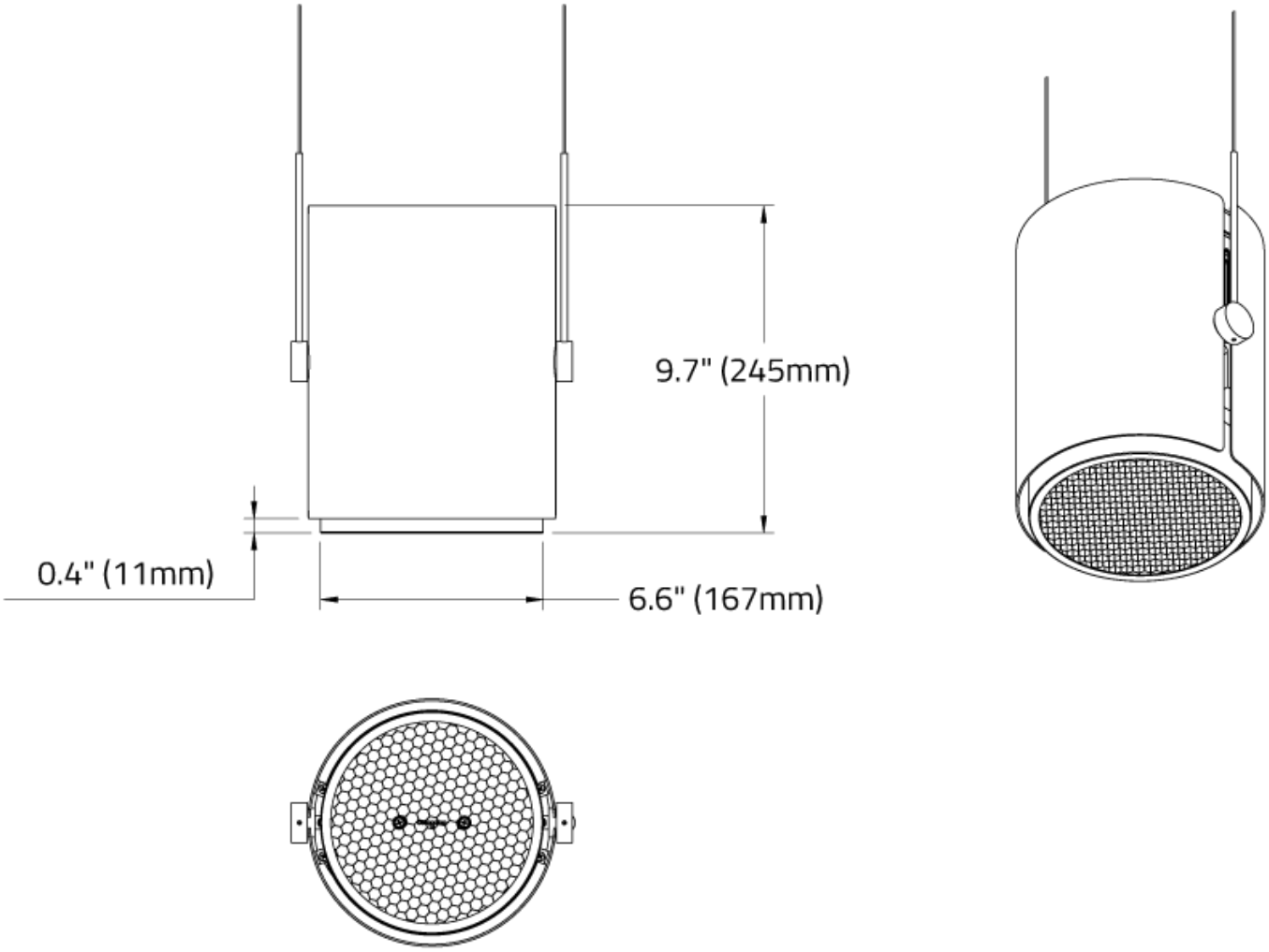
MATREX RD DUAL TWIST™ - SURFACE

LOUVRE

HEX CELL LOUVRE



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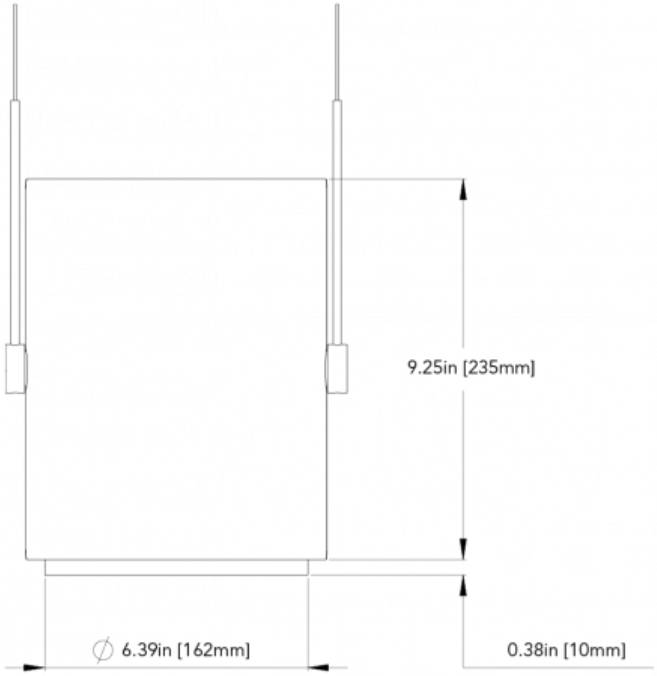
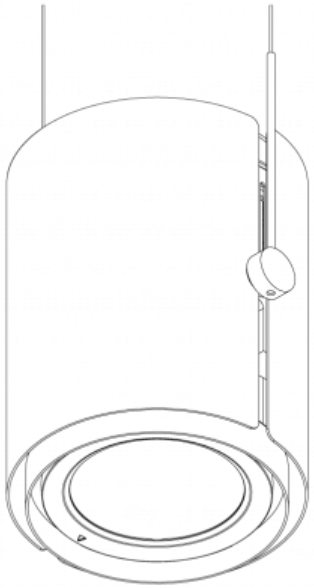
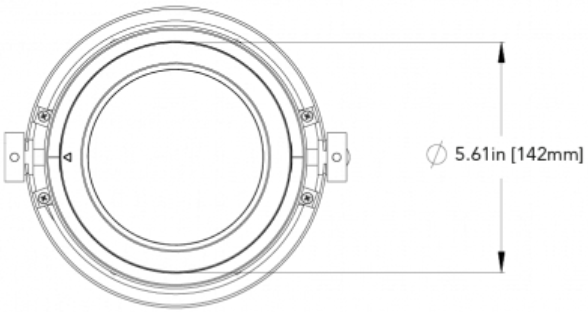
Matrex Round PD - COB

Matrex RD PD - COB





Isometric View



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