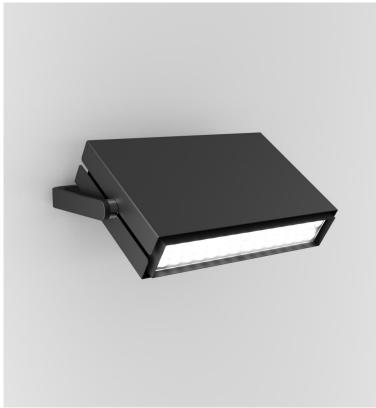
Project Name: Fixture Type:

Fixture Code: Quantities:











MATREX is a family of spotlights packed with power for projecting light at great distances. With best-in-class thermal management and hidden heat sinks, MATREX's form factor is significantly smaller than traditional spotlights. Multiple mounting systems are available, providing a variety of functions that work in a range of applications, especially those with multiple ceiling heights.

GENERAL SPECIFICATION

Body and trim

Steel and aluminum.

Drivers

HPF, electronic, 120-277V, 347V (EU-240V). The driver is integral to the fixture housing.

Remote emergency system (North America only)

Emergency option provides a 1.5 hour 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 4.5m/15'). Test switch fits a single gang box (not supplied).

Reported L70 @25°C (77°F)

> 60,000 hrs.

Sensors

Consult factory regarding sensor compatibility.

Designed by

Serge Cornelissen.

Finish

Powder coated as specified. Custom paint finishes available to special order.

Delivered lumens

Delivered lumens & Ipw based on 4000K, CRI 80+.

Mechanical

Luminaires mount to a junction box or switch box (by others - North America only), depending on canopy selection.

Estimated L70 @25°C (77°F)

> 171,000 hrs.

Approvals

Damp Rated.

Design

US Pat. No. D917,765.

OPTICS & FEATURES















HOW TO ORDER

A. LUMINAIRE

MATF1P01 Direct, 9200 lms

All data shown at max output and nominal values.

B. LUMENS

LMA0230 2300 **LMA0460** 4600 **LMA0690** 6900 **LMA0920** 9200

C. CRI

CR80 CRI 80+ **CR90** CRI 90+

D. CCT

CTA27 2700K 1 CTA30 3000K CTA35 3500K CTA40 4000K

E. BEAM ANGLE

BA15 15° **BA30** 30° **BA50** 50° **BA70** 70°

BA80 50°x80° ¹

F. VOLTAGE

G. 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}

H. FIXTURE FINISH

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

I. SNOOTS AND LOUVERS

NT1 Standard Snoot - Black 1 NT2 Standard Snoot - White 1 NT3 Long Snoot - Black 1 NT4 Long Snoot - White 1

NT7 Hex Louver - Black ² NT8 Ladder Louver - Black ³

For precise beam angle and lumen output, please refer to the IES files. Note that using snoots and louvers may decrease overall efficacy.

³ Available with BA80 beam angle and 2300 lumens.



^{*} Max lumen values shown, refer to IES files for the different snoot and beam options.

¹ 2700K is only available with CRI 80+

¹ For use with NT8 Ladder Louver only.

¹ Not available in North America.

² Only available with DA01 dimming.

Not available with V3.
Not available in North America.

¹ A snoot must be picked at time of order, if you are not ordering a louver.

² Not available with BA70 beam angle.

J. EMERGENCY

EO Emergency system not required

E2 Emergency system - Remote ¹

¹ Not available with V3. Integral not available.

TECHNICAL DATA

LUMINAIRE

All data shown at max output and nominal values.

Code MATF1P01 **Light Direction** Direct Wattage 82 **Delivered Ims** 9200 LPW 130

FINISH - FIXTURE



APPROVALS











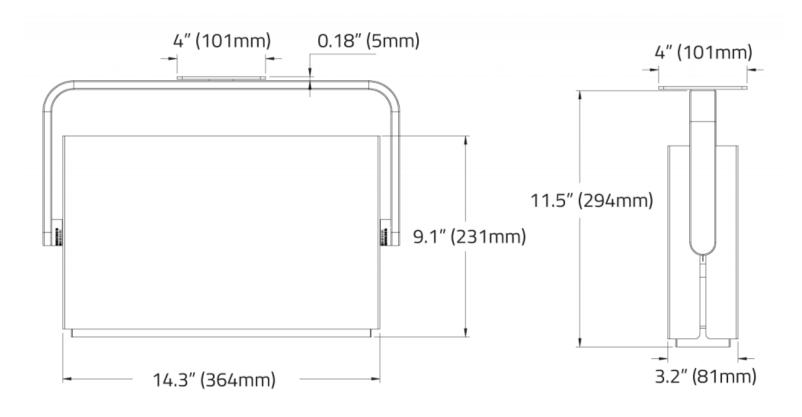


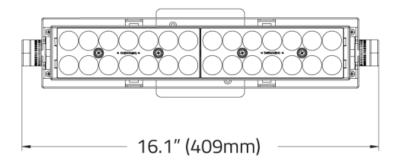
PERFORMANCE DATA

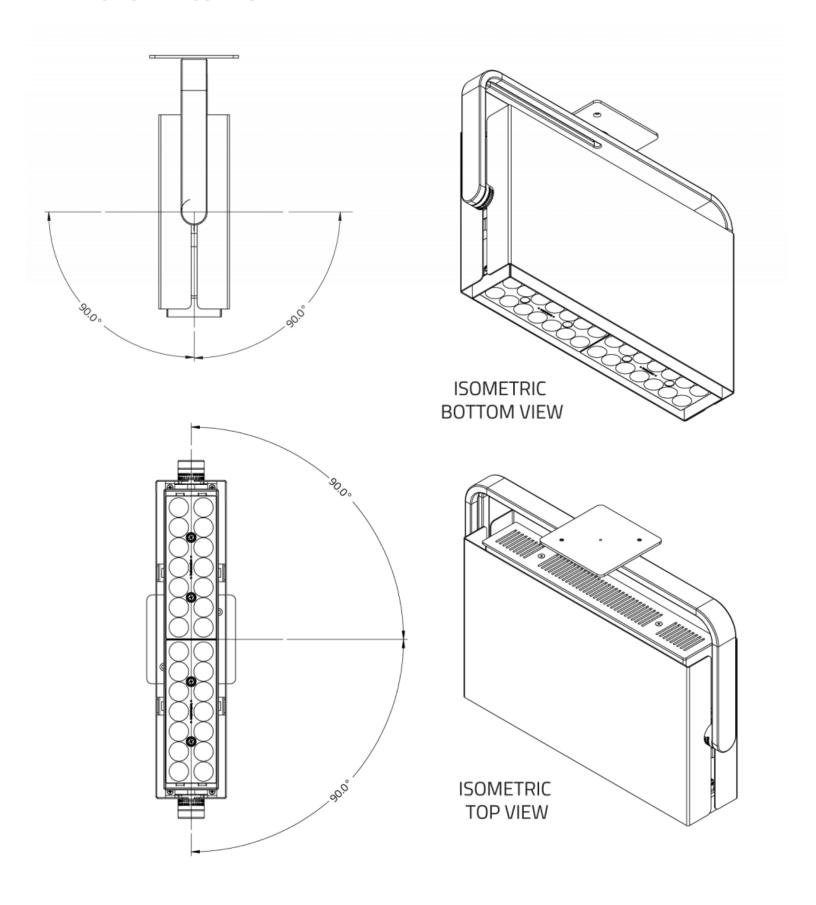
DIRECT 15° BEAM ANGLE	WATTS	LUMENS	LPW
	16	2300	138
	36	4500	127
	57	6800	118
	82	9000	110
DIRECT 30° BEAM ANGLE	WATTS	LUMENS	LPW
	16	2300	140
	36	4600	130
	57	6900	120
	82	9200	112
DIRECT 50° BEAM ANGLE	WATTS	LUMENS	LPW
	16	2200	133
	36	4400	123
	57	6500	114
	82	8700	107

DIRECT 70° BEAM ANGLE	WATTS	LUMENS	LPW
	16	2200	134
	36	4400	123
	57	6600	115
	82	8800	107

DIMENSIONAL DIAGRAMS

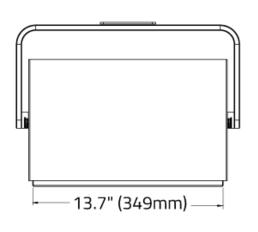


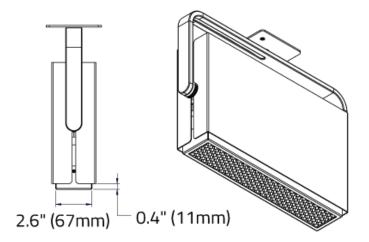


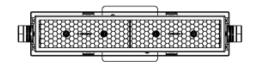


LOUVRES

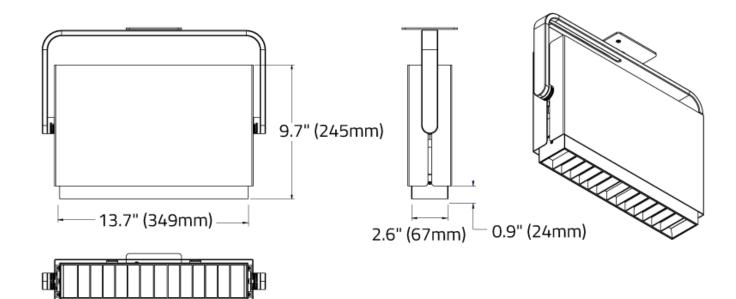
HEX CELL LOUVRE





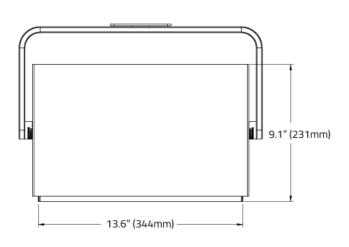


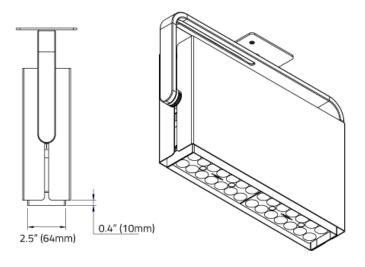
LADDER LOUVRE



SNOOTS

STANDARD SNOOT





LONG SNOOT

