

FUSION

Adjustable Downlight



FUSION DOWNLIGHT

provides a flexible, low glare option for highlighting pathways, artwork, walls and other surfaces within commercial, hospitality and retail environments. 20 degree aiming angle allows for easy in field adjustment to any lighting design. It is easy to install and blends into existing ceiling architecture seamlessly.



FEATURES

- Fixture can tilt $\pm 20^\circ$ to easily highlight horizontal and vertical surfaces
- Low glare fixtures delivers lighting precisely where intended

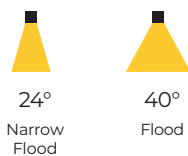
GOOD TO KNOW

- Available in 5 light and 10 light self-flange configuration
- Produces a round beam pattern from a linear fixture
- Small light apertures deliver "quiet ceiling" lighting designs with minimal glare
- Mix and match with other FUSION light fixtures for even more design options

SPECIFICATIONS

OPTICAL

- Beam Angle



- Fixture / Reflector Finish



- Color Temperature



90 CRI standard

MECHANICAL

- Self-Flanged, die cast fixture body
- End mounted mouse trap style springs
- Install in ceilings between $\frac{1}{2}$ " and 1" thick
- LED module can tilt $\pm 20^\circ$
- Available in matte black, matte white or custom finish

HOUSING

- New construction steel frame supplied with universal bar hangers
- Butterfly brackets are available in options
- Bar hangers are adjustable from 13-1/4" to 24-1/2"
- Fixture and driver are serviceable from below the ceiling

ELECTRICAL

- Universal 120V-277V, 50/60Hz, 0-10V or 120V, 60Hz Triac/ELV dimming driver available DALI, 347V
- Drivers connect to LED modules using quick connect cable

THERMAL

- Die cast aluminum heat sink
- Ambient fixture operating range: -20°C to 40°C (-4°F to 104°F)

COMPLIANCE

- ETL listed for Damp locations

WARRANTY

- 5 Year limited parts warranty



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PRODUCT CODE

Build Your Specification - A complete luminaire includes Product Codes for a Fixture and Housing, ordered separately

Fixture

FUS							
SERIES	SIZE / SHAPE	NOM. LUMEN OUTPUT	BEAM ANGLE	CRI / CCT	FLANGE TYPE	FIXTURE FINISH	REFLECTOR FINISH
FUS FUSION	A5 Adjustable, 5 light	2L 215 lumens per light	NF Narrow Flood (24°)	927 90 / 2700K	SF Self Flanged	BL Matte Black	BL Matte Black
	A10 Adjustable, 10 light		FL Flood (40°)	930 90 / 3000K			
				935 90 / 3500K		WH Matte White	SP Specular
				940 90 / 4000K			

Housing

FUS						
SERIES	SIZE / SHAPE	FLANGE TYPE	NOM. LUMEN OUTPUT	TYPE	DIMMING DRIVER / VOLTAGE	OPTIONS
FUS FUSION	A5 Adjustable, 5 light	SF Self Flanged	2L 215 lumens per light	NC New Construction Non-IC	PD120V Phase Dimming Triac & ELV (120V only)	EM Emergency battery backup, above ceiling access or remote installation required
	A10 Adjustable, 10 light			RM Remodel Non-IC	010UNV 0-10V Dimming Universal 120V-277V,	
				IC/AT New Construction Insulated Ceiling/ Airtight	DALIUNV¹ DALI Dimming Universal 120V-277V	BB Butterfly Brackets Kit
				REM Remote or to power multiple fixtures per driver consult factory	* 347V (available in 0-10V only)	

*Consult factory for specific control requirements

ACCESSOIRES OPTIONS

ACC	BB
	BB Butterfly Brackets Kit

¹ Only for new construction Non-IC or Remodel Non-IC

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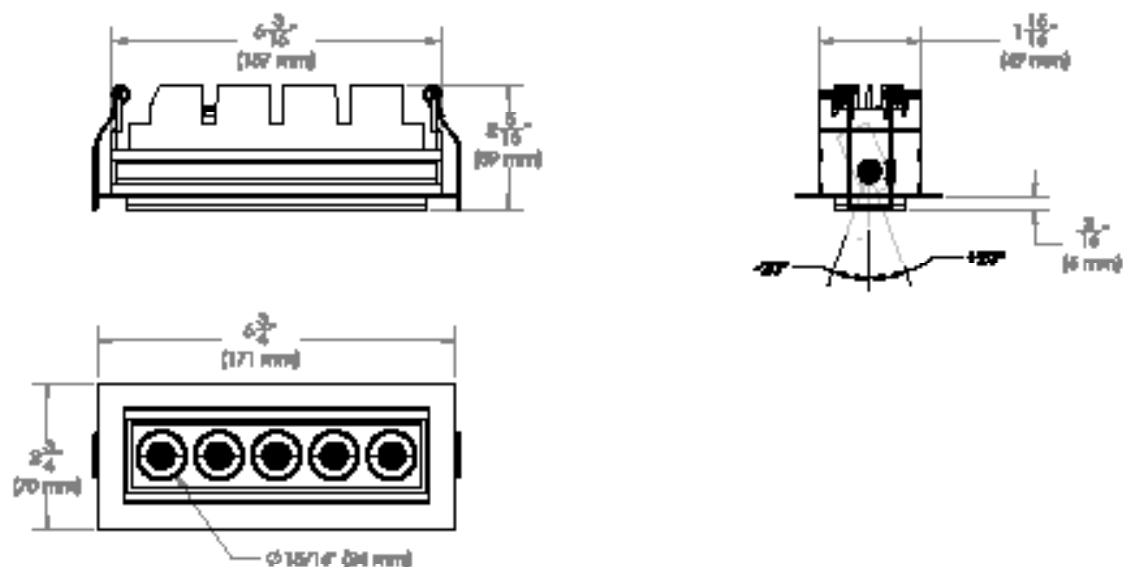
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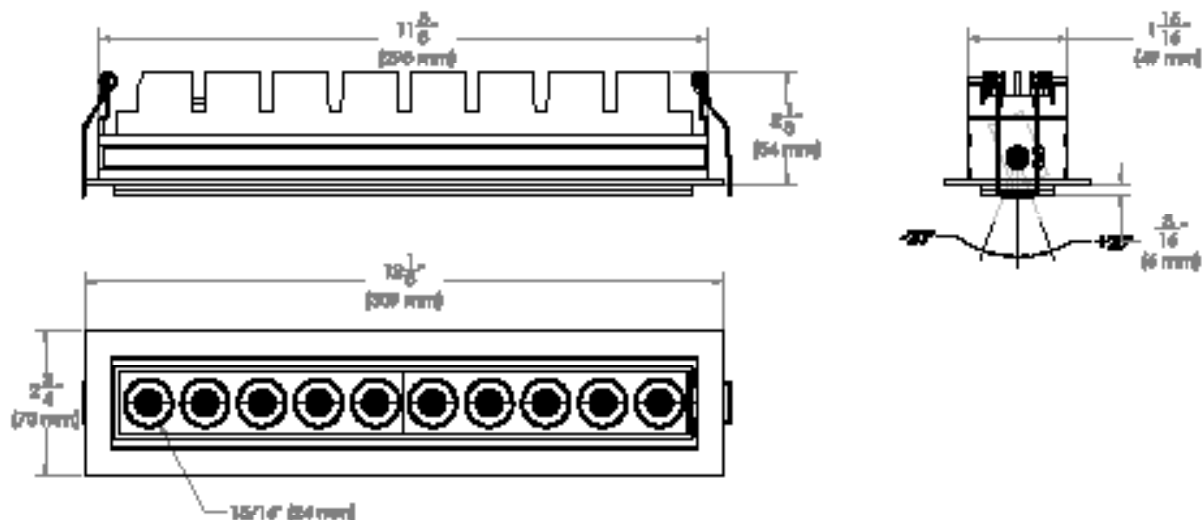
DIMESNIONS

Fixture

Adjustable 5 Light



Adjustable 10 Light



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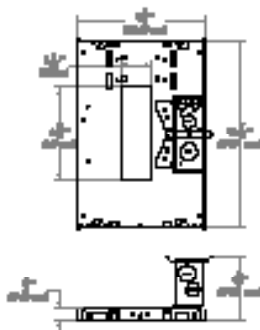
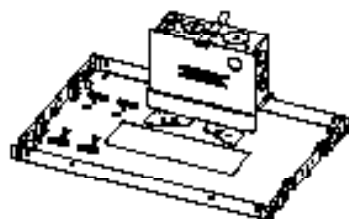


DIMENSIONS

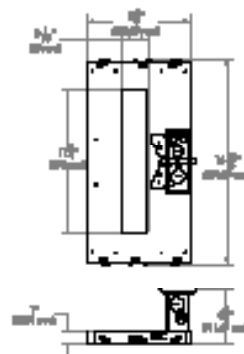
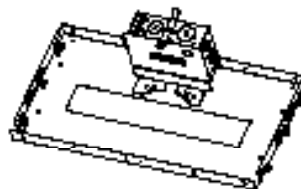
Housing

* Butterfly brackets ordered separately

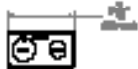
Adjustable 5 Light



Adjustable 10 Light



Remodel Driver Housing



Fixture	Ceiling Cutout
5 Light Self Flanged	6-5/16" x 2-1/16" (160 x 53mm)
10 Light Self Flanged	11-3/4" x 2-1/16" (298 x 53mm)

FIXTURE FINISH



Matte Black



Matte White

REFLECTOR FINISH



Black



Specular

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PHOTOMETRIC PERFORMANCE

Technical Information Table

Fixture	Input Voltage	Input Current	Input Power	THD	Power Factor	Output Voltage
A5L = Adjustable 5 Light	120 / 277	700mA	11W	<20%	>0.9	17.5V (16-19V)
A10L = Adjustable 10 Light	120 / 277	700mA	22W	<20%	>0.9	35V (33-37V)

Nominal Performance

Fixture	Beam Angle	4000K	
		Lumens	LPW
A5L = Adjustable 5 Light	Narrow Flood (24°)	910	83
	Flood (40°)	845	77
A10L = Adjustable 10 Light	Narrow Flood (24°)	1791	81
	Flood (40°)	1700	77

Multiplier Tables

CCT	Conversion Factor
2700K	0.89
3000K	0.93
3500K	0.96
4000K	1.00

Reflector Finish	Conversion Factor
Specular (SP)	1
Black (BL)	0.8