

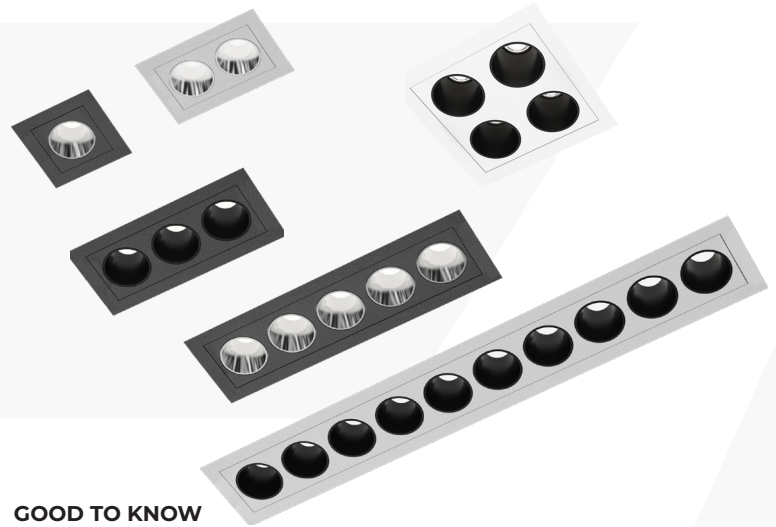
FUSION

Fixed Downlight



FUSION FIXED DOWNLIGHT

provides a low glare option for highlighting hallways, desks and other horizontal surfaces within commercial, hospitality and retail environments. It is easy to install and blends into existing ceiling architecture seamlessly.



FEATURES

- Flangeless fixture installation provides a modern minimalist design concept
- Mix and match with other FUSION light fixtures for even more design options
- Wet location listing are available in 3 light, 5 light and 10 light fixture sizes
- Light cell can be either round or square

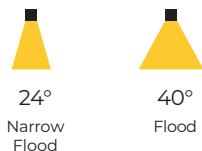
GOOD TO KNOW

- Flangeless installation available in 5 light and 10 light sizes
- Produces a round beam pattern from a linear form factor fixture
- Small light apertures deliver "quiet ceiling" lighting designs with minimal glare.

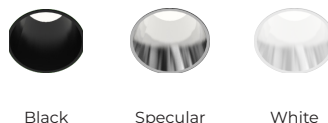
SPECIFICATIONS

OPTICAL

- Beam Angle



- Fixture / Reflector Finish



- Color Temperature



MECHANICAL

- Die cast fixture body
- End mounted mouse trap style springs
- Available in self-flanged or flangeless trim versions
- Install in ceilings between ½" and 1"
- 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
- Optional wet location

WARRANTY

- 5 Year limited parts warranty



FUSION

Fixed Downlight



PRODUCT CODE

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

Fixture

FUS								
SERIES	SIZE / SHAPE	NOM. LUMEN OUTPUT	BEAM ANGLE	CRI / CCT	FLANGE TYPE	FIXTURE FINISH	REFLECTOR FINISH	OPTIONS
FUS FUSION	F1 ¹ Fixed 1 light	2L 215 lumens per light	Regular	927 90 / 2700K	SF Self Flanged	BL Matte Black	BL Matte Black	WET ³ IP65 Wet location Lens
	F2 Fixed 2 light		NF Narrow Flood (24°)	930 90 / 3000K	NF ⁴ No Flange	WH Matte White	SP Specular	
	F3 Fixed 3 light		FL Flood (40°)	935 90 / 3500K		WH White		
	F4 ² Fixed 4 light		Wet ³	940 90 / 4000K				
	F5 ² Fixed 5 light						NF Narrow Flood (35°)	
	F10 ² Fixed 10 light						FL Flood (45°)	

¹ Consult factory for dimming option ² JAB Title 24 Compliant Lamp ³ Available in self-flanged for 2, 3, 5, 10 light only

⁴ Available in 5 and 10 light only ⁵ only for new construction Non-IC or Remodel Non-IC

FUSION

Fixed Downlight



PRODUCT CODE

Housing

FUS						
SERIES	SIZE / SHAPE	FLANGE TYPE	NOM. LUMEN OUTPUT	TYPE	DIMMING DRIVER / VOLTAGE	OPTIONS
FUS FUSION	F1 Fixed 1 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
	F2 Fixed 2 light	NF ⁴ No Flange		IC/AT New Construction Insulated Ceiling/ Airtight	010UNV 0-10V Dimming Universal 120V-277V,	
	F3 Fixed 3 light			RM Remodel Non-IC	DALIUNV ⁵ DALI Dimming Universal 120V-277V	BB Butterfly Brackets Kit
	F4 ² Fixed 4 light				* 347V (available in 0-10V only)	
	F5 ² Fixed 5 light					
	F10 ² Fixed 10 light			REM Remote or to power multiple fixtures per driver consult factory		

*Consult factory for specific control requirements

ACCESSOIRES OPTIONS

ACC	BB
	BB Butterfly Brackets Kit

1 Consult factory for dimming option **2** JAB Title 24 Compliant Lamp **3** Available in self-flanged for 2, 3, 5, 10 light only

4 Available in 5 and 10 light only **5** only for new construction Non-IC or Remodel Non-IC

FUSION

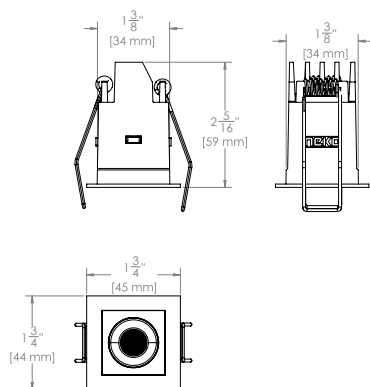
Fixed Downlight



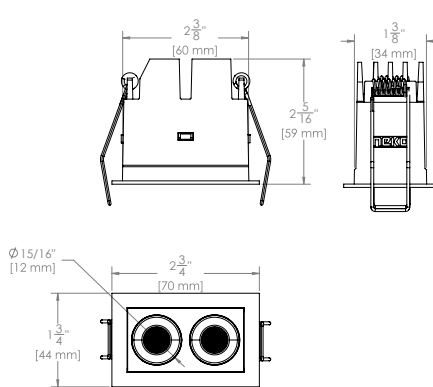
DIMENSIONS

Fixture

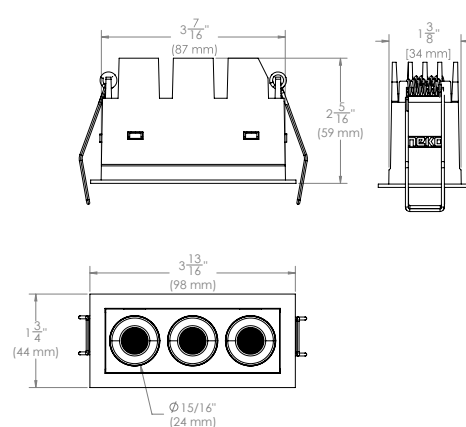
Fixed 1 Light



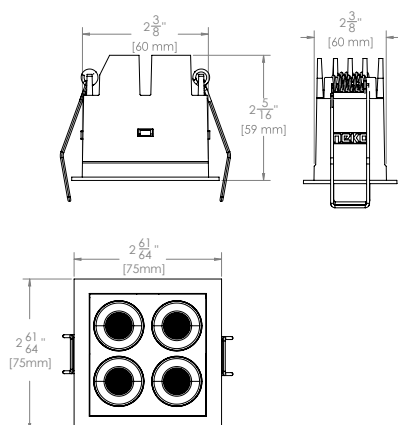
Fixed 2 Light



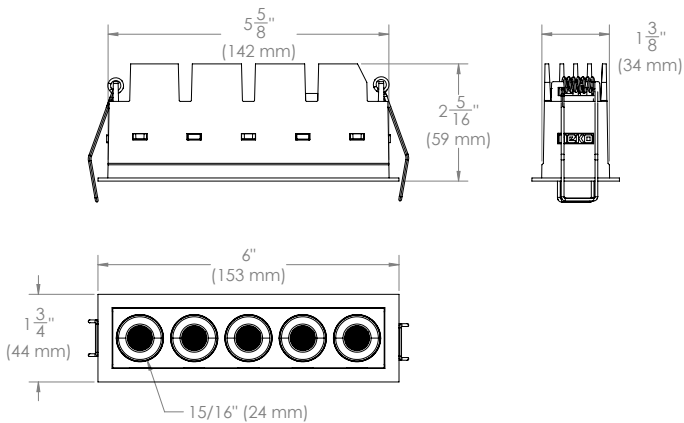
Fixed 3 Light



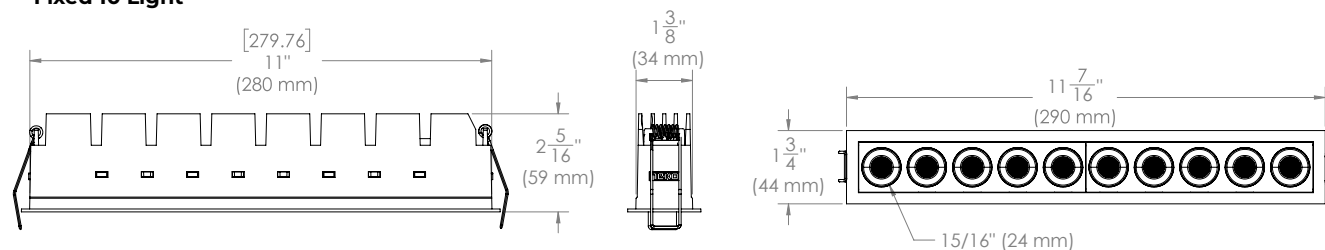
Fixed 4 Light



Fixed 5 Light



Fixed 10 Light



FUSION

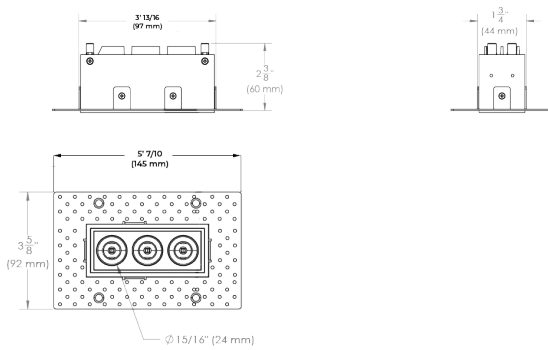
Fixed Downlight

VEROZZA
A NEKO LIGHTING GLOBAL PARTNER

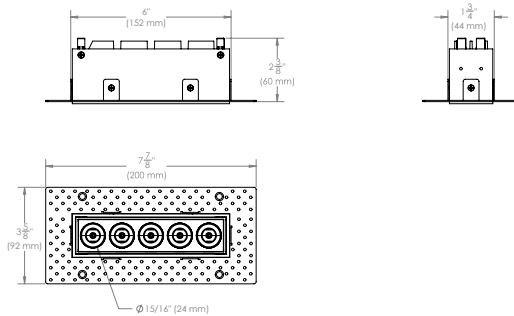
DIMENSIONS

Fixture

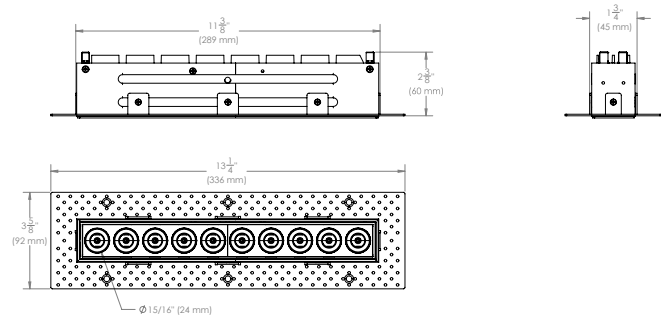
Fixed 3 Light Flangeless



Fixed 5 Light Flangeless



Fixed 10 Light Flangeless



FUSION

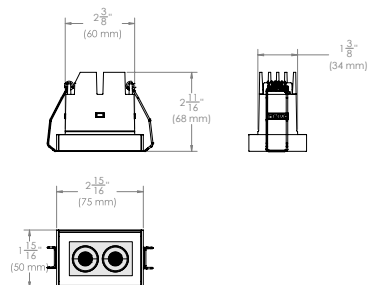
Fixed Downlight



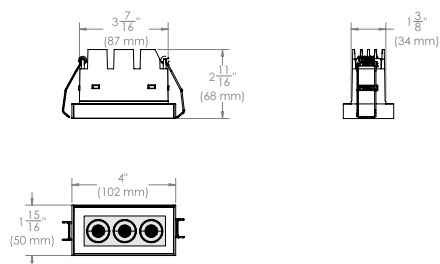
DIMESNIONS

Fixture

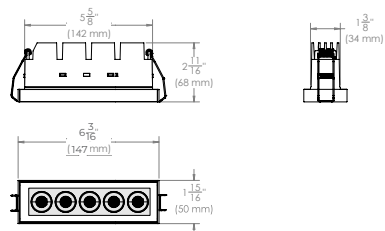
Fixed 2 Light Wet Location



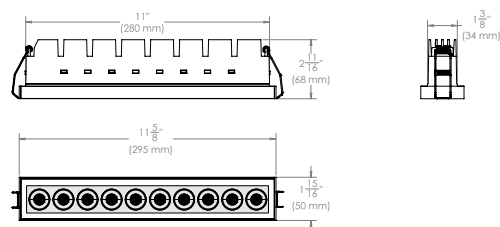
Fixed 3 Light Wet Location



Fixed 5 Light Wet Location



Fixed 10 Light Wet Location



FUSION

Fixed Downlight

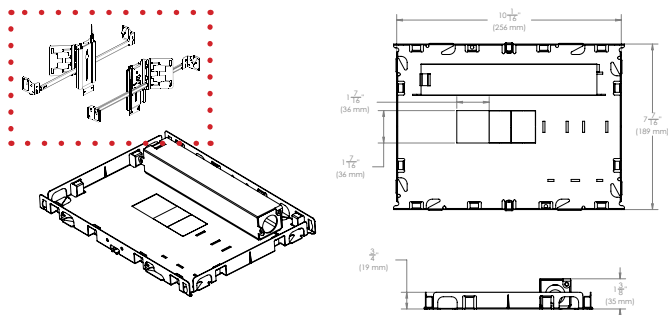
VEROZZA
A NEKO LIGHTING GLOBAL PARTNER

DIMENSIONS

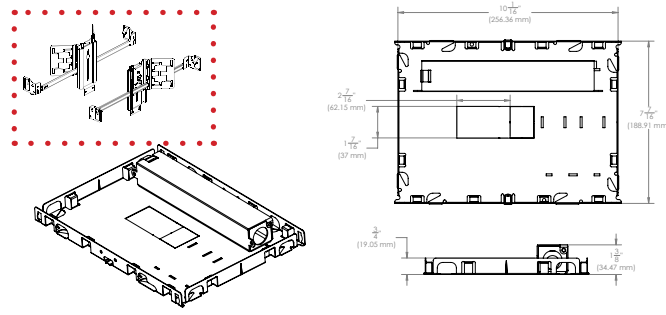
Housing

* Butterfly brackets ordered separately

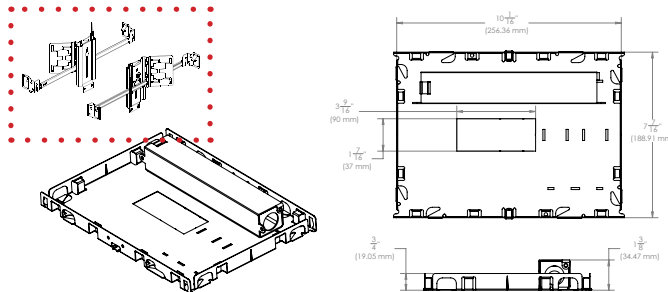
1 Light Self Flanged



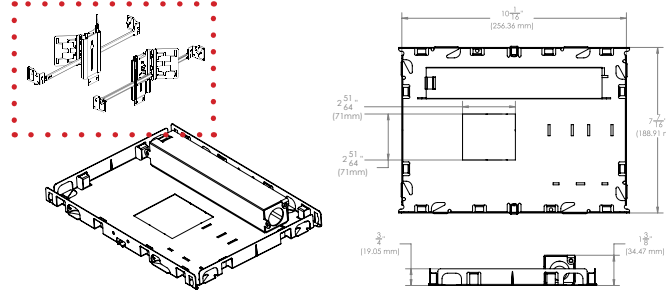
2 Light Self Flanged



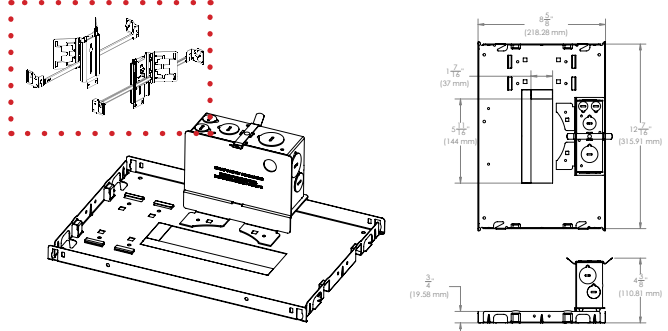
3 Light Self Flanged



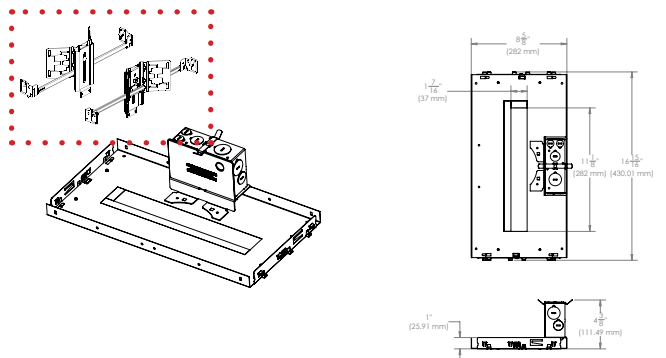
4 Light Self Flanged



5 Light Self Flanged



10 Light Self Flanged



FUSION

Fixed Downlight

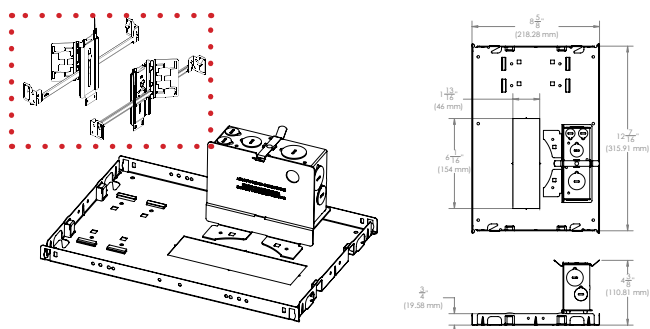


DIMESNIONS

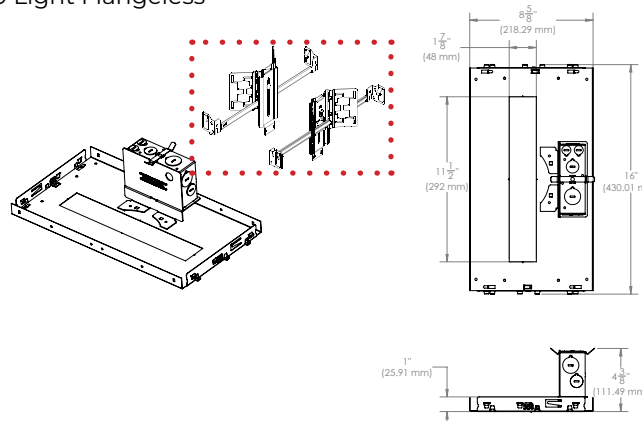
Housing

* Butterfly brackets ordered separately

5 Light Flangeless

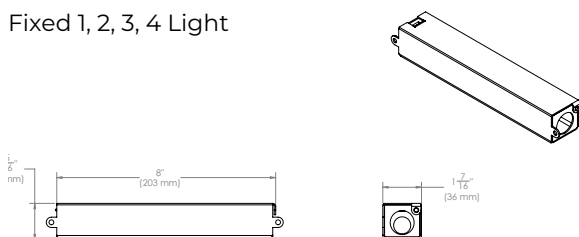


10 Light Flangeless

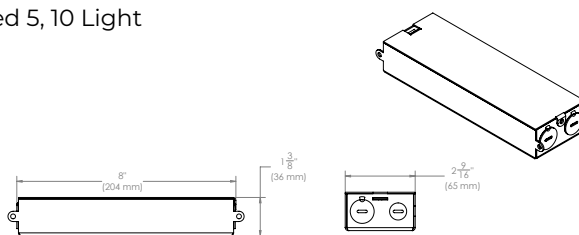


Remodel Driver Housing

Fixed 1, 2, 3, 4 Light

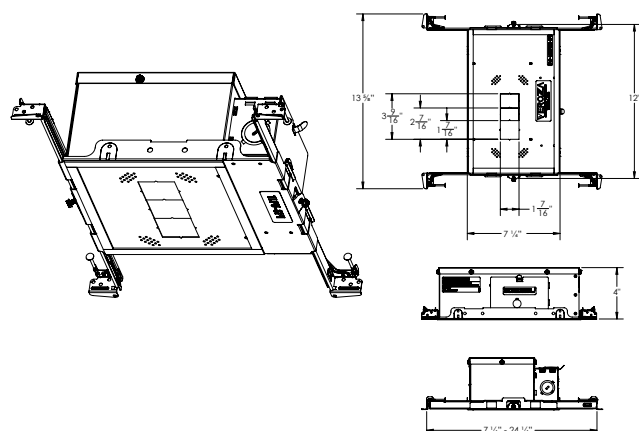


Fixed 5, 10 Light

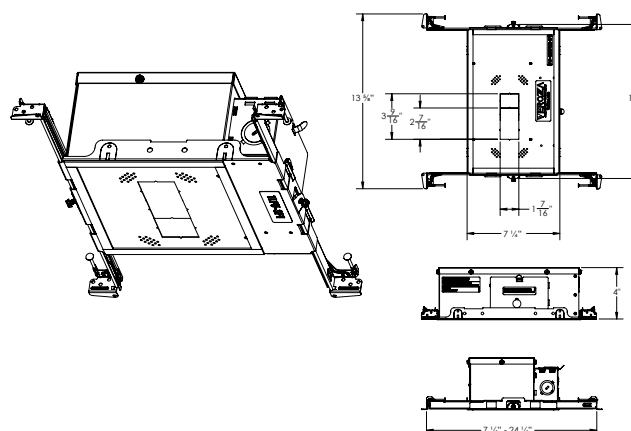


IC/AT Insulated Ceiling Airtight New Construction

1 Light Self Flanged



2 Light Self Flanged



FUSION

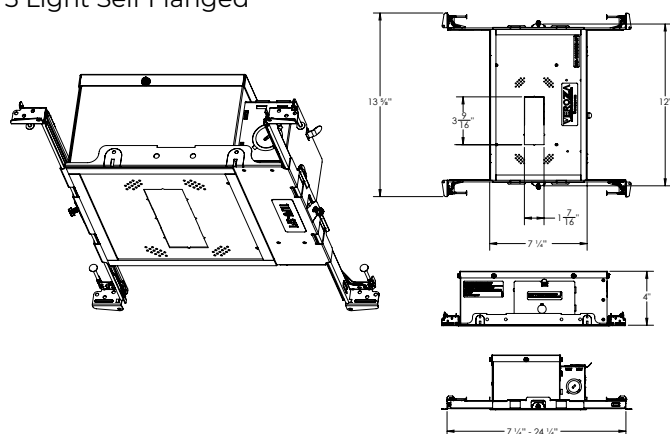
Fixed Downlight



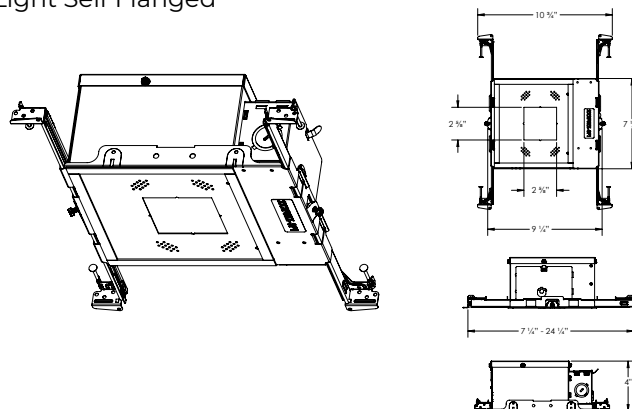
DIMENSIONS

Housing

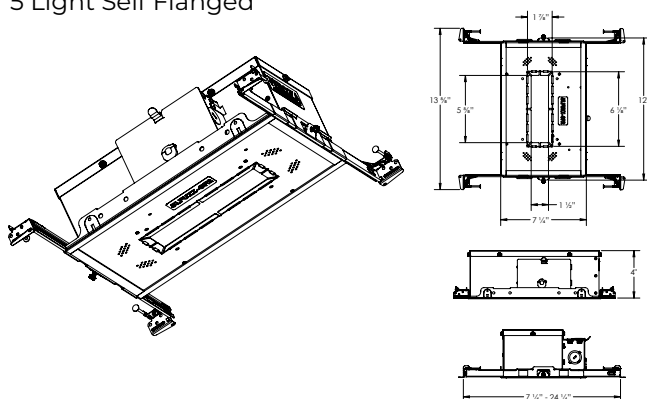
3 Light Self Flanged



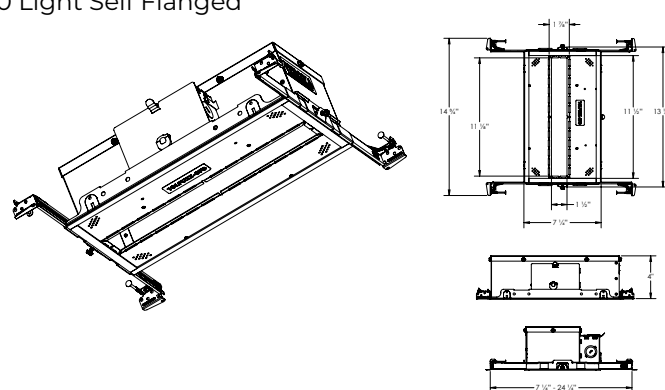
4 Light Self Flanged



5 Light Self Flanged



10 Light Self Flanged

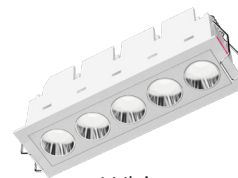


Fixture	Ceiling Cutout
1 Light Self Flanged	1-7/16" x 1-7/16" (37 x 37mm)
2 Light Self Flanged	2-7/16" x 1-7/16" (62 x 37mm)
3 Light Self Flanged	3-9/16" x 1-7/16" (90 x 37mm)
4 Light Self Flanged	2-14/25" x 2 14/25" (65mm x 65mm)
5 Light Self Flanged	5-11/16" x 1-7/16" (144 x 37mm)
10 Light Self Flanged	11-1/8" x 1-7/16" (282 x 37mm)
5 Light Flangeless	6-1/16" x 1-13/16" (154 x 46mm)
10 Light Flangeless	11-1/2" x 1-7/8" (292 x 47mm)

FIXTURE FINISH



Black



White

REFLECTOR FINISH



Black



Specular



White

FUSION

Fixed Downlight



PHOTOMETRIC PERFORMANCE

Technical Information Table

Fixture	Input Voltage	Input Current	Input Power	THD	Power Factor	Output Voltage
F1 / FS1 = Fixed 1 light	120 / 277	700mA	3W	<20%	>0.9	3.5V (3-5V)
F2 / FS2 = Fixed 2 light	120 / 277	700mA	4W	<20%	>0.9	7.0V (5-9V)
F3 / FS3 = Fixed 3 light	120 / 277	700mA	6W	<20%	>0.9	10.5V (9-12V)
F4 / FS4 = Fixed 4 light	120 / 277	700mA	8W	<20%	>0.9	14V (12-16V)
F5 / FS5 = Fixed 5 light	120 / 277	700mA	11W	<20%	>0.9	17.5V (16-19V)
F10 / FS10 = Fixed 10 light	120 / 277	700mA	22W	<20%	>0.9	35V (33-37V)

Delivered Lumens

Fixture	Beam Angle	4000K	
		Lumens	LPW
F1 / FS1 = Fixed 1 light	Narrow Flood (24°)	200	67
	Flood (40°)	185	62
F2 / FS2 = Fixed 2 light	Narrow Flood (24°)	364	91
	Flood (40°)	337	84
F3 / FS3 = Fixed 3 light	Narrow Flood (24°)	545	91
	Flood (40°)	508	85
F4 / FS4 = Fixed 4 light	Narrow Flood (24°)	792	99
	Flood (40°)	813	102
F5 / FS5 = Fixed 5 light	Narrow Flood (24°)	910	83
	Flood (40°)	845	77
F10 / FS10 = Fixed 10 light	Narrow Flood (24°)	1791	81
	Flood (40°)	1700	77

Multiplier Tables

CCT	Conversion Factor
2700K	0.82
3000K	0.92
3500K	0.96
4000K	1.00

Reflector Finish	Conversion Factor
Specular (SP)	1
White (WH)	0.98
Black (BL)	0.8