

FUSION

Combo FIXED & SPOT downlight



FUSION COMBO

provides an adjustable, flexible lighting option for hospitality, retail and commercial applications. The incredibly small FIXED lighting heads are highly efficient in their standard downlight orientation. The SPOT light head can be extended, rotated and aimed to provide light exactly where needed.



FEATURES

- Flangeless fixtures blend into ceiling, provide light without glare
- Flangeless fixtures can be easily serviced from below the ceiling
- Each spotlight can be rotated 355° and tilted up to 90°

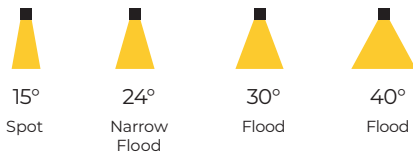
GOOD TO KNOW

- Provide general and highlighting from one location
- Each spotlight can be hot aimed independently for maximum design flexibility
- Mix and match with other FUSION modules for endless unique designs

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" thick
- ½" cylindrical spotlights rotate up to 355° and tilt up to 90°
- LED module is spring loaded for easy installation in flangeless trim
- Available in matte black or matte white 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 FIXED / SPOT	CRI / CCT	FLANGE TYPE	FIXTURE FINISH	REFLECTOR FINISH
FUS FUSION	C4 3 Fixed, 1 Spot light	2L 190 lumens per light	NF / SP Narrow Flood (24°) / Spot (15°)	927 90 / 2700K	SF Self Flanged	BL Matte Black	BL Matte Black
	C8 6 Fixed, 2 Spot light		NF / FL Narrow Flood (24°) / Flood (30°)	930 90 / 3000K	NF No Flange		
			FL / SP Flood (40°) / Spot (15°)	935 90 / 3500K		WH Matte White	SP Specular
			FL / FL Flood (40°) / Flood (30°)	940 90 / 4000K			

Housing

FUS						
SERIES	SIZE / SHAPE	FLANGE TYPE	NOM. LUMEN OUTPUT	TYPE	DIMMING DRIVER / VOLTAGE	OPTIONS
FUS FUSION	C4 3 Fixed, 1 Spot light	SF Self Flanged	2L 190 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
	C8 6 Fixed, 2 Spot light	NF Flangeless		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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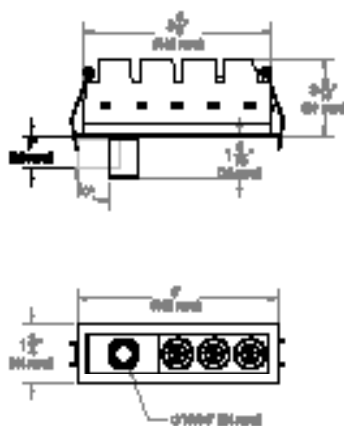
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VEROZZA
A NEKO LIGHTING GLOBAL PARTNER

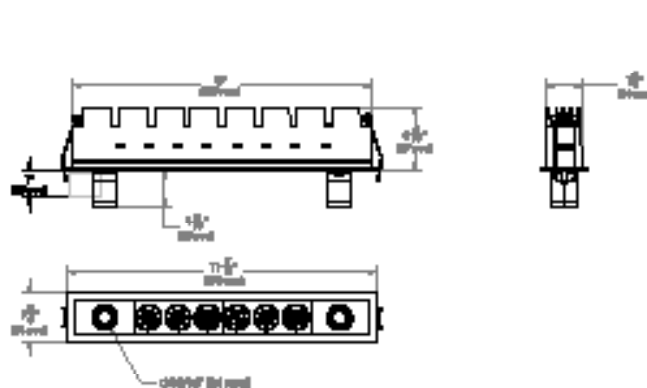
DIMESNIONS

Fixture

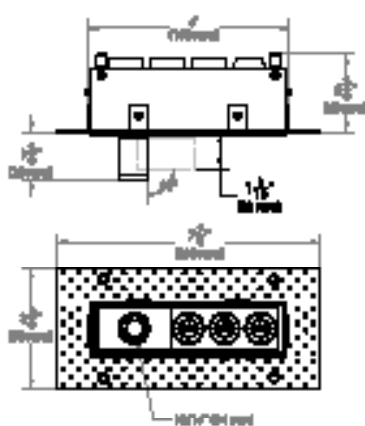
C4L Self Flanged



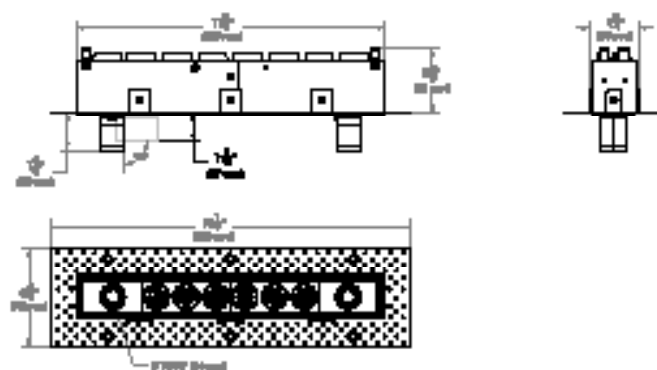
C4L Self Flanged



C4L Flangeless



C4L Flangeless



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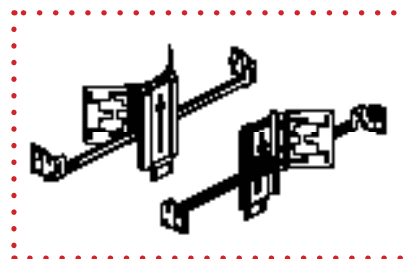
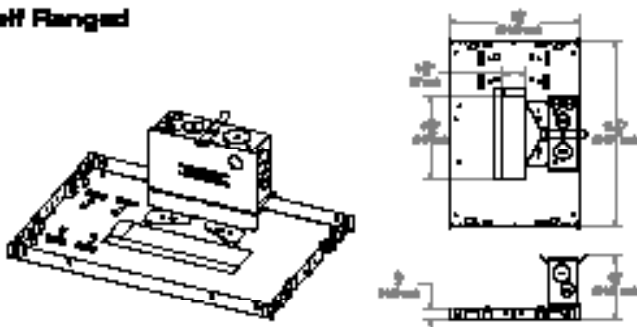
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DIMENSIONS

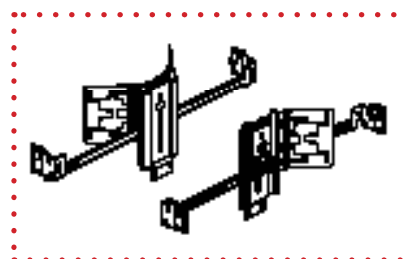
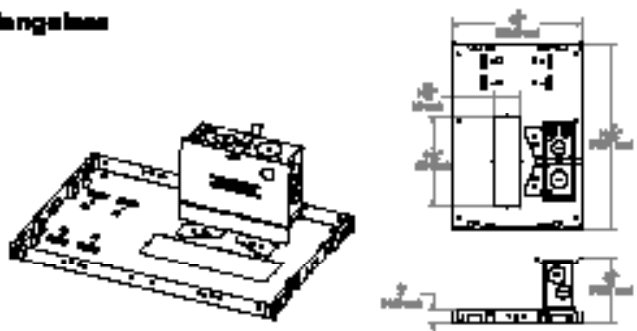
Housing

* Butterfly brackets ordered separately

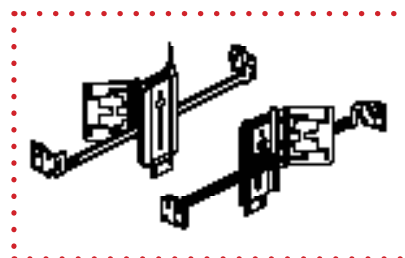
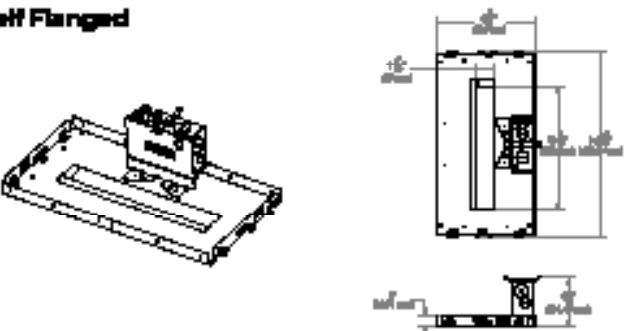
C4 Self Flanged



C4 Flangeless



C8 Self Flanged



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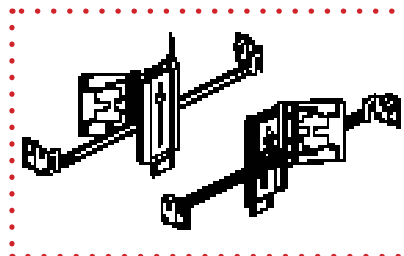
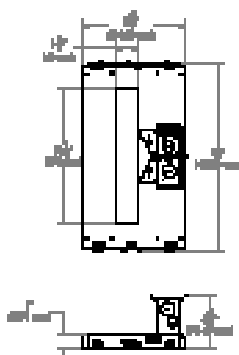


DIMENSIONS

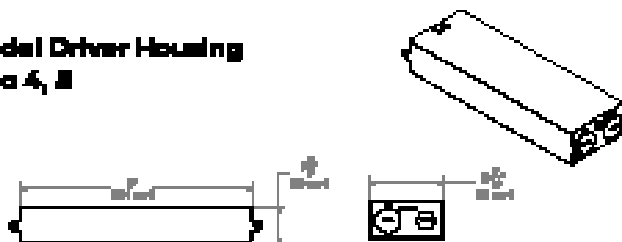
Housing

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Flangeless



Remodel Driver Housing Combo 4, 8



Fixture	Ceiling Cutout
C4L Self Flanged	5-11/16" x 1-7/16" (144 x 37mm)
C8L Self Flanged	11-1/8" x 1-7/16" (282 x 37mm)
C4L Flangeless	6-1/16" x 1-13/16" (154 x 46mm)
C8L Flangeless	11-1/2" x 1-7/8" (292 x 48mm)

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
C4 = 3 Fixed, 1 Spot light	120 / 277	700mA	8W	<20%	>0.9	14V (12-16V)
C8 = 6 Fixed, 2 Spot light	120 / 277	700mA	16W	<20%	>0.9	28V (26-30V)

Nominal Performance

Fixture	Beam Angle	4000K	
		Lumens	LPW
C4 = 3 Fixed, 1 Spot light	NF/SP = Narrow Flood (24°) / Spot (15°)	622	78
	NF/FL = Narrow Flood (24°) / Flood (30°)	628	79
	FL/SP = Flood (40°) / Spot (15°)	608	76
	FL/FL = Flood (40°) / Flood (30°)	603	75
C8 = 6 Fixed, 2 Spot light	NF/SP = Narrow Flood (24°) / Spot (15°)	1245	78
	NF/FL = Narrow Flood (24°) / Flood (30°)	1256	79
	FL/SP = Flood (40°) / Spot (15°)	1216	76
	FL/FL = Flood (40°) / Flood (30°)	1206	75

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