

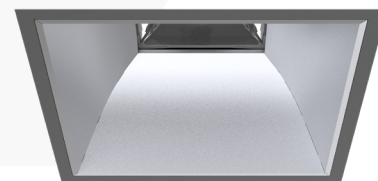
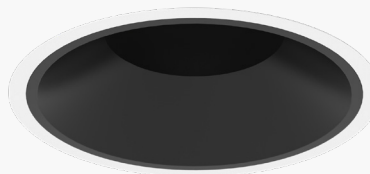
TAKEO 8"

Architectural Downlight



TAKEO ARCHITECTURAL DOWNLIGHTS

are part of a family of high performance luminaires that mixes a small, low profile, aesthetically pleasing form factor with high performance optical control and color quality. The shallow fixture height and narrow-flanged trim blends quietly into most ceiling spaces, while the field interchangeable optics and magnetically attached reflectors allow for easy change or updates. The TAKEO fixture family will work in your most demanding commercial, residential and hospitality area



FEATURES

- Minimal 5/16" trim flange blends into ceilings
- Swing out brackets provide easy, secure installation
- Driver mounted separately from fixture maximize thermal performance and lifetime

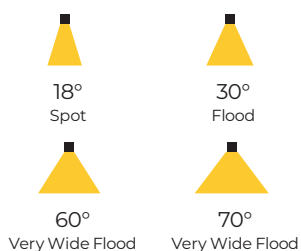
GOOD TO KNOW

- Also available in 4" and 6" round and square form factors
- New Construction IC or Non IC and remodel with the same LED module
- Combination of recessed optics from a shallow housing provides low glare rating, UGR<19

SPECIFICATIONS

OPTICAL

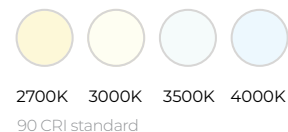
- Beam Angle



- Fixture / Reflector Finish



- Color Temperature



MECHANICAL

- Two-piece construction; LED Module & Housing
- Round or Square fixture bodies
- Available with a self-flanged trim
- Trims install with swing out arms and set screws
- Install in ceilings between 1/4" and 1-3/8" thick
- Available in textured matte white or matte black

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
- Install on ceilings with a thickness of 1 mm to 30 mm

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

TAK						
SERIES	SIZE / SHAPE	NOM. LUMEN OUTPUT	BEAM ANGLE	CRI / CCT	FIXTURE FINISH	REFLECTOR FINISH
TAK TAKEO	8R 8" Round	35L 3500 lumens	<u>8R - 8" Round</u>	827 80 / 2700K	BL Matte Black	BL Matte Black
	8S 8" Square	48L 4800 lumens	SP Spot (18°)	830 80 / 3000K	WH Matte White	SS Semi-Specular
			FL Flood (30°)	835 80 / 3500K		
			VF Very Wide Flood (60°)	840 80 / 4000K		
			<u>8S - 8" Square</u>	927 90 / 2700K	CF¹ Custom Finish	WH White Matte
			VF Very Wide Flood (70°)	930 90 / 3000K		
				935 90 / 3500K		
				940 90 / 4000K		

1 Specify RAL # **2** Only for new construction Non-IC or Remodel Non-IC **3** Available in Round Only

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Housing

TAK					
SERIES	SIZE / SHAPE	NOM. LUMEN OUTPUT	TYPE	DIMMING DRIVER / VOLTAGE	OPTIONS
TAK TAKEO	8R 8" Round	35L 3500 lumens	NC New Construction Non-IC	PD120V Phase Dimming Triac & ELV (120V only)	EM Emergency battery backup, above ceiling access or remote installation required
	8S 8" Square	48L 4800 lumens	RM Remodel Non-IC	010UNV 0-10V Dimming Universal 120V-277V,	
		61L³ 6100 lumens	IC/AT New Construction Insulated Ceiling/ Airtight	DALIUNV² 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 Specify RAL # ² Only for new construction Non-IC or Remodel Non-IC ³ Available in Round Only

TAKEO 8"

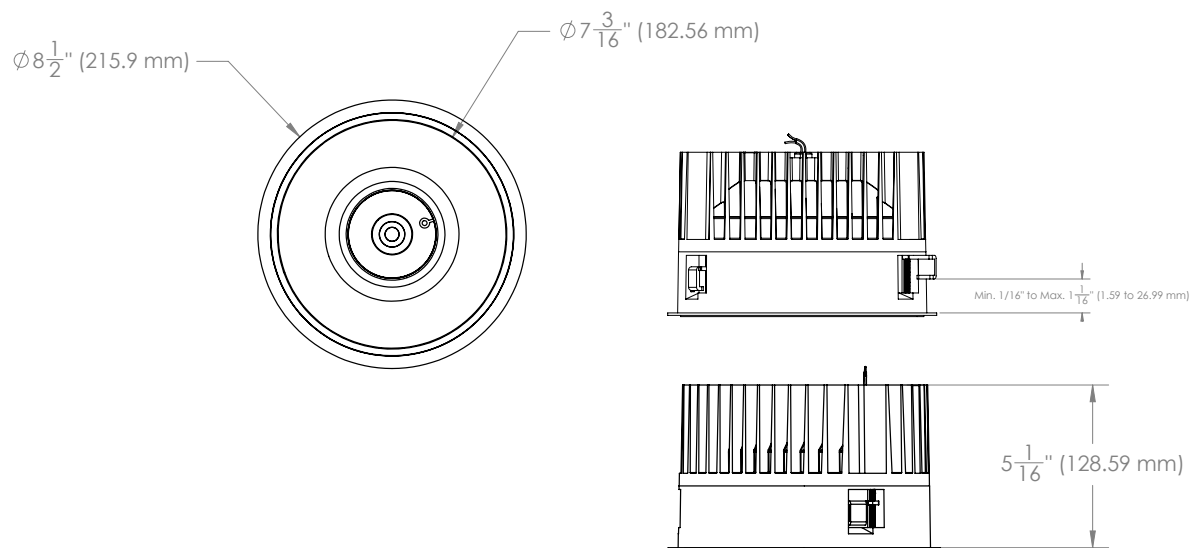
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VEROZZA
A NEKO LIGHTING GLOBAL PARTNER

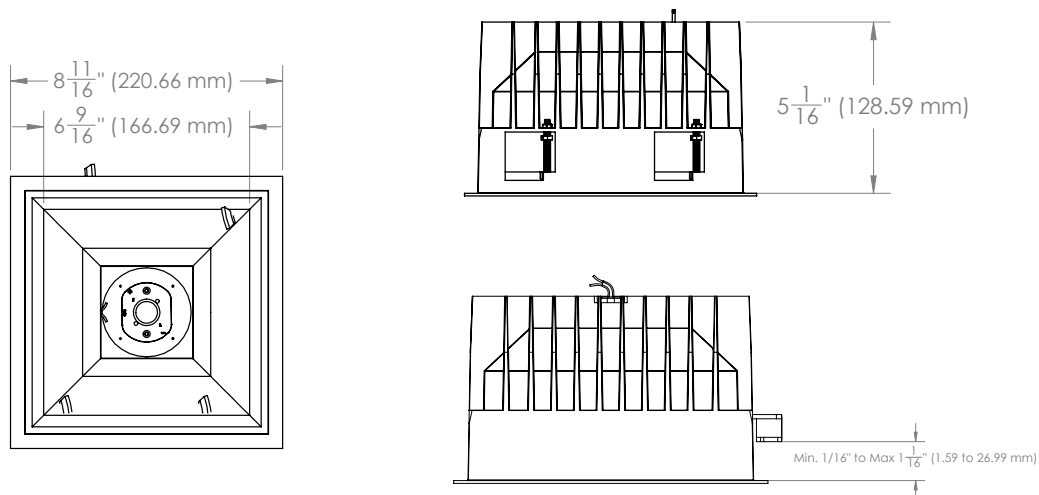
DIMESNIIONS

Fixture

Takeo 8" Round



Takeo 8" Square



TAKEO 8"

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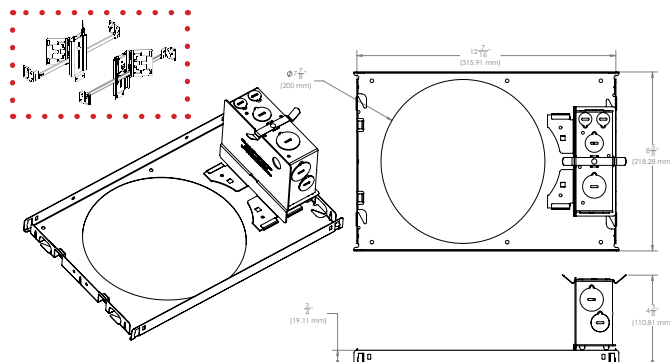


DIMENSIONS

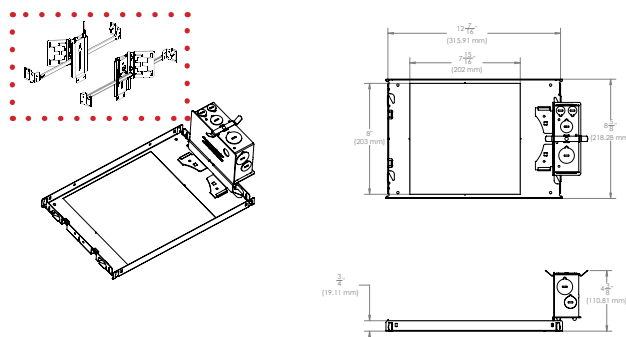
Housing

* Butterfly brackets ordered separately

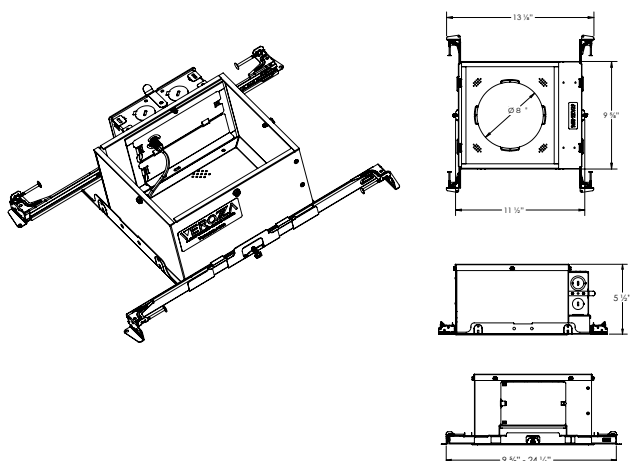
Non-IC New Construction | Round



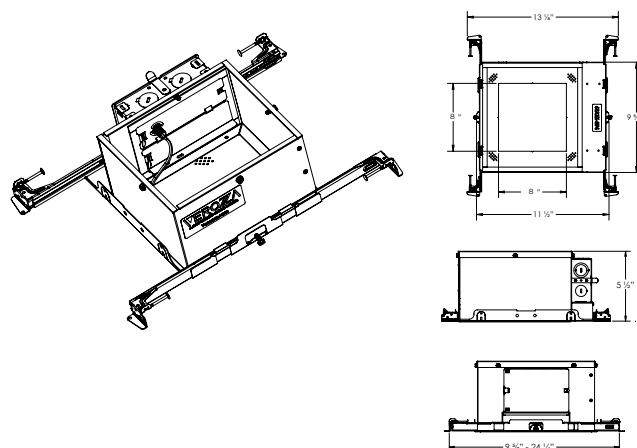
Non-IC New Construction | Square



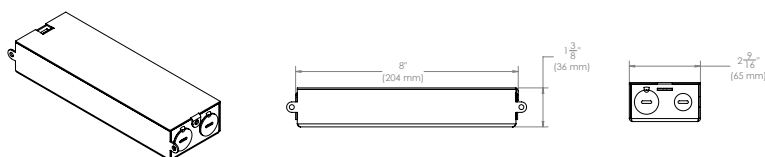
IC/AT Insulated Ceiling Airtight New Construction | Round



IC/AT Insulated Ceiling Airtight New Construction | Square



Remodel Driver Housing



Fixture	Ceiling Cutout
Takeo 8R, 8" Round	Ø 8" (200mm)
Takeo 8S, 8" Square	8" x 8" (200 x 200mm)

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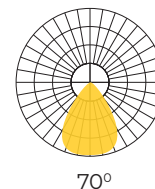
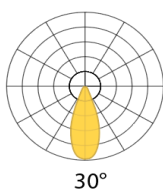
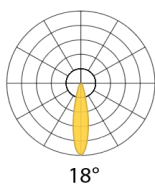
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PHOTOMETRIC PERFORMANCE

Technical Information Table

Fixture	Input Voltage	Input Current	Input Power	THD	Power Factor	Output Voltage
TAK-8X-35L	120 / 277	700mA	25W	<20%	>0.9	36V (34-38V)
TAK-8X-48L	120 / 277	1050mA	38W	<20%	>0.9	36V (34-38V)
TAK-8X-61L	120 / 277	1400mA	52W	<20%	>0.9	36V (34-38V)



Delivered Lumens

Fixture	Beam Angle	80CRI, 4000K	
		Lumens	LPW
Takeo 8" Round 35L, Semi-Specular Reflector	SP = Spot (18°)	3260	133
	FL = Flood (30°)	3547	146
	VF = Very Wide Flood (60°)	2913	119
Takeo 8" Square 35L, Semi-Specular Reflector	VF = Very Wide Flood (70°)	2522	100
Takeo 8" Round 48L, Semi-Specular Reflector	SP = Spot (18°)	4433	117
	FL = Flood (30°)	4816	126
	VF = Very Wide Flood (60°)	4023	106
Takeo 8" Square 48L, Semi-Specular Reflector	VF = Very Wide Flood (70°)	3440	92
Takeo 8" Round 61L, Semi-Specular Reflector	SP = Spot (18°)	5743	112
	FL = Flood (30°)	6141	120
	VF = Very Wide Flood (60°)	5159	100
Takeo 8" Square 61L, Semi-Specular Reflector	VF = Very Wide Flood (70°)	4488	86

Multiplier Tables

CRI	Conversion Factor
80	1.00
90	0.85

CCT	Conversion Factor
2700K	0.88
3000K	0.93
3500K	0.96
4000K	1.00

Reflector Finish	Conversion Factor
Semi-Specular (SS)	0.97
Matte White (WH)	1.00
Matte Black (BL)	0.88