Go2 LCX 2″ Square Downlight

BINA COMPANY

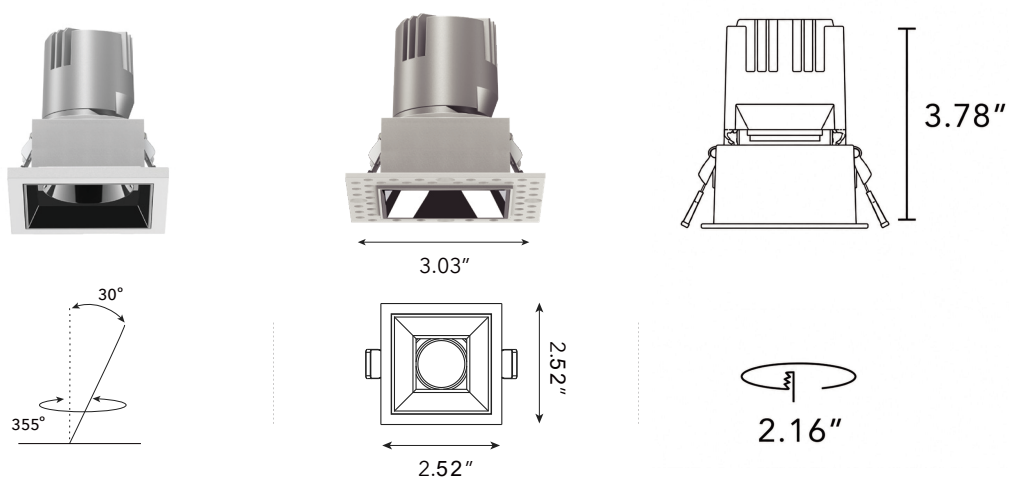
Project:	Type:	Qty:



FEATURES

- Modular design, field replaceable LED module, trim, beam lens, and accessories
- Interchangeable secondary reflector options for glare control and maximum visual comfort.
- Quiet ceiling achieved through deep regress.
- Precise light control, 15°/24°/38°/55° TIR lens beam options.
- Offered standard with flicker free dimming to 1% and premium, fade-to-off dimming (.1%), option available.

DIMENSIONS





Input Voltage	120-277V AC
Wattage	8W
Delivered Lumens	LO : 680 lm | HO : 840 lm
LED	<3-Step MacAdam Ellipse (2-Step Available)
CCT	27K, 30K, 35K, 40K, WD, TW
CRI	> 90Ra
Beam Angle	TIR Lens 15°/24°/38°/55°
Adjustability	Max Tilt Angle 30° / Horizontal Rotation Angle 355°
UGR	<19
Dimming	Tri-mode Dimming /Triac / 0-10V (100%-1%)
Lamp Life	50,000 Hr
Environment	IP44
Operating Temp	-4° F to 104° F

Order Code

ORDER CODE EXAMPLE: GO2LX-2-ST-F-LO-40K-38D-BK-W-SF-D10-NC

SERIES	SIZE	TRIM		WATTAGE	CCT	BEAM ANGLE	FINISH	
							Reflector	Trim
Go2LX	2 2" Square Downlight	ST Square Trimmed SL Square Trimless	F Fixed A Adjustable	LO Standard Output chip 8W max. input / 64 lm /W HO Standard Output chip 8W max. input / 101 lm /W *Both packages are rated at 8W. HO uses a higher-efficacy LED.	27K 2700K 30K 3000K 35K 3500K 40K 4000K TW Tunable White 2700K-6500K WD Warm Dim 3000K-1800K	10D 10 Degree 15D 15 Degree 24D 24 Degree 38D 38 Degree 55D 55 Degree	---- Leave blank for wall wash, pinhole or options. SP Specular WH White SB Specular Black SL Silver BK Black GD Gold GW Gold Wheat	W White B Black C Custom

OPTICAL ACCESSORIES	ENVIRONMENT	DIMMING	INSTALLATION TYPE	ADDITIONAL OPTIONS
SF Softening Lens HL Honeycomb Louver SO Solite Lens LS Linear Spread Lens	____ Leave blank if "dry o r damp location (IP44)"	ELV ELV/TRIAC Phase Cutting 3% D10 0-10V(100%-1%) DAL DALI-2 Dim to off 0.1%	NC New Construction RM Remodel AT/CP Airtight WC Wood Ceiling IC Insulation Contact	EM10 10 watts / 90 mins 2SD 2-sectional driver and wiring box LG Standard large driver box

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5 YEAR WARRANTY

Intertek

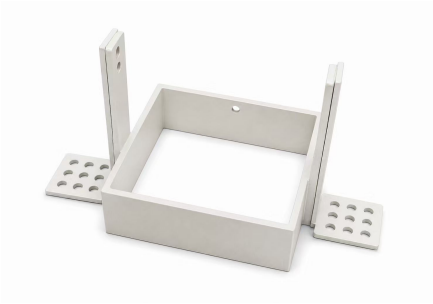
In an effort to offer the best product possible, we reserve the right to change product specifications or materials without notice.

Go2 FLEX 2" Square Downlight

BINA COMPANY

Project:	Type:	Qty:

WOOD CEILING ADAPTER



*For wood ceilings over 1" thick, specify ceiling thickness for proper spring clip selection. Ceilings over 2" require an extended collar.

PERFORMANCE

90CRI/8W/HO	2700K	3000K	3500K	4000K
15 Degree	511	538	565	593
24 Degree	593	624	655	688
38 Degree	593	624	655	688
55 Degree	698	735	772	810

Performance data shown is for the High Output (HO) package.

Preliminary, pre-launch test data. Delivered lumen values +/- 5%. Optical filters will reduce delivered lumen values.

OPTICAL LENS

Softening Lens



Honeycomb Louver



Linear Spread Lens



Solite lens

LIGHT LOSS FACTOR	
Honeycomb Louver	0.55
Solite Lens	0.70
Softening Lens	0.70
Linear Spread Lens	0.70

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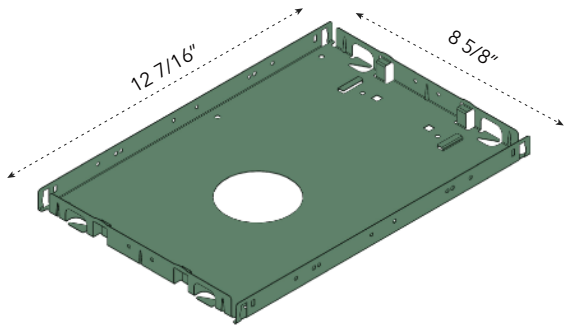
Go2 LUX 2″ Square Downlight

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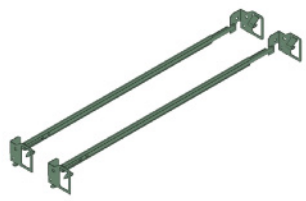
Project:	Type:	Qty:

MOUNTING OPTIONS

NC - New Construction Frame-In Tray



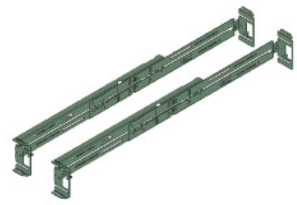




Standard bar hanger (included)

Mounting Length 14 3/4″ - 26″.

Extension kit can be ordered separately.

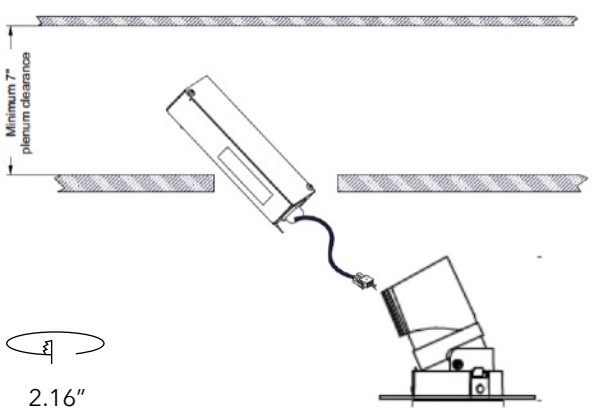


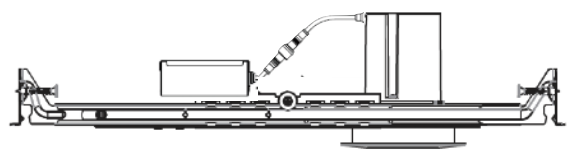
Commercial bar hanger #1487

Butterfly and Caterpillar brackets available



New Construction & Remodel Mounting





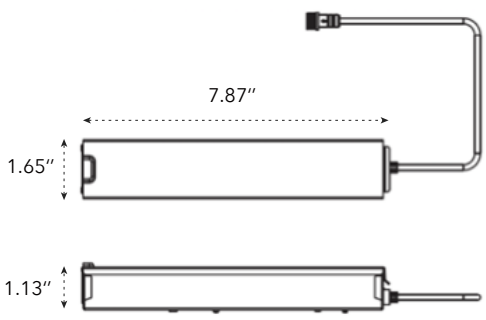
Note:

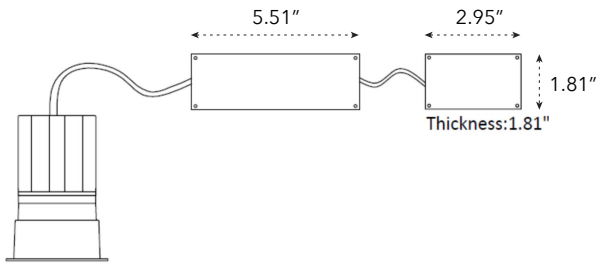
Small fixture housing and driver enclosure box assembly can be used for both new construction and remodel. For remodel application, no new construction tray is needed.

The ceiling cutout opening will be too small to fit your hand through it. So it is very important that the LED driver remains accessible by removing the lighting fixture, thus allowing you to inspect the connectors or LED driver at any time without physically damaging your ceiling or other building materials.

This mounting allows for installation from below the ceiling access and full serviceability of the LED driver and driver/junction box.

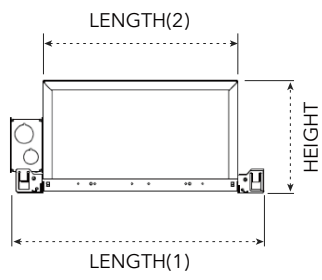
LED Driver Enclosure and Junction Box

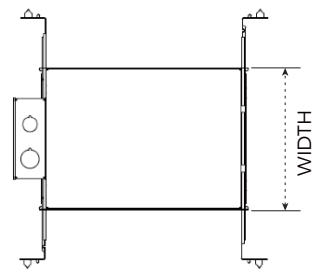




2-sectional driver and wiring box will ship when the AT/CP option is selected. Also can be used for plenum space issues.

Chicago Plenum / Airtight





Length	Width	Height
9 3/4″	8 1/2″	3 1/2″

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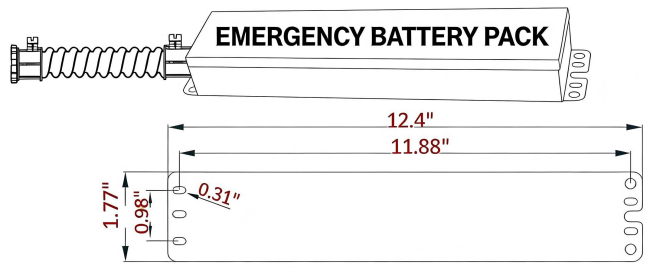
Project:	Type:	Qty:

EMERGENCY

PRIMARY SPECIFICATIONS

Output Power Max	Input Power	Input Current Max	Emergency Operating Time	Battery	Input Voltage	Output Voltage	Ambient Operating Temperature	UL Listed for US and Canada
10W	4W	100 mA	90 min.	Li-ion 18650 7.4V 2500mAh	120-277 VAC 50/60Hz	12-55 VDC	0 °C to 55 °C	UL and cUL (UL924) Emergency LED Driver

Dimensions / Weight			
Length	12.4″	Height	1.1″
Width	1.77″	Mounting Length	11.88″
Weight	2.47 lb		



REMOTE TEST SWITCH

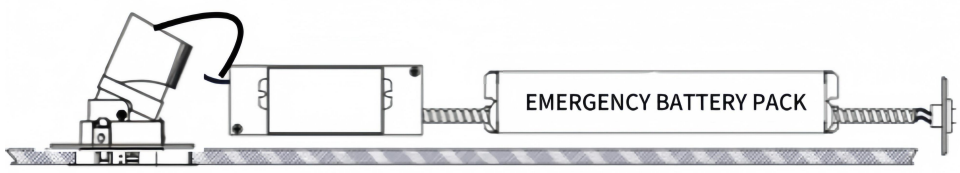
The remote test switch may be mounted adjacent to the LED fixture by others.

EMERGENCY BATTERY ACCESS

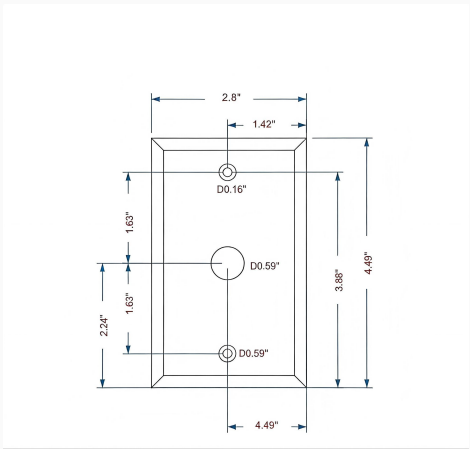
Above ceiling access is recommended for ease of service, but LED fixture sizes of 4″ and larger are capable of below ceiling access. IC/ICAT/CP box and iTS option require an access panel in the ceiling (or other form of access) adjacent to the installation location of the emergency battery.

REMOTE LOCATION

Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all local and national electric/building codes.

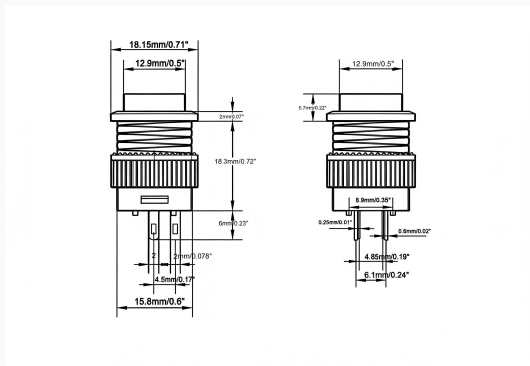


WALL PLATE ACCESSORIES





TEST SWITCH





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