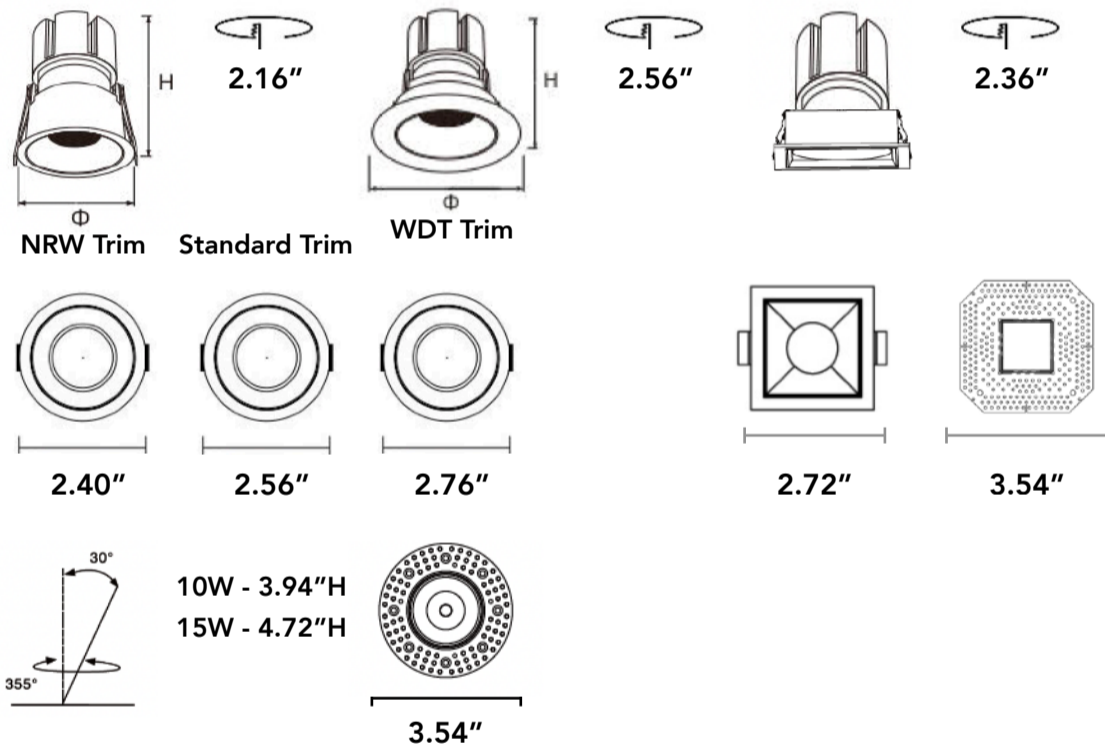# Go2

2" Downlight

BINA COMPANY

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°/36°/50° TIR lens and Reflector lens options in 20°/30°/40°/60°

Offered standard with flicker free dimming to .1%.

Type IC rated - approved for direct contact with insulation.

No IC housing needed.

SPECIFICATIONS

NRW Trim	Standard Trim	WDT Trim
2.16"	2.56"	2.36"

2.40"	2.56"	2.76"	2.72"	3.54"

30°
355°

10W - 3.94"H
15W - 4.72"H

3.54"

Input Voltage	100-277V AC
Wattage	10W-15W
Delivered Lumens	640Lm - 1200Lm
LED	<3-Step MacAdam Ellipse (2-Step Available)
CCT	27K, 30K, 35K, 40K(other CCTs available)
CRI	>90Ra
Adjustability	Max Tilt Angle 30° / Horizontal Rotation Angle 355°
Lamp Life	50,000Hr
Environment	IP20 & IP44
Heat Sink	Aluminum body with oxidized powder coating
Trim	Die-cast Aluminum
Operating Temp	-4° F - 104° F

Ordering Code:

Series	Size		Trim						Power		CCT		Optic			Finish			
													Reflector Lens	OR	TIR Lens	Reflector		Trim	
Go2	2	2.0"	RT	Round Trimmed	F	Fixed		Standard Trim	10W	800Lm	27K	2700K	R20	20 Degree	15D	15 Degree	WH White	W	White
			RL	Round Trimless	A	Adjustable	NR	Narrow Trim	15W	1200Lm	30K	3000K	R30	30 Degree	24D	24 Degree	BL Black	B	Black
			ST	Square Trimmed	W	Wall Wash	WD	Wide Trim			35K	3500K	R40	40 Degree	36D	36 Degree	SV Silver	RAL#	Custom
			SL	Square Trimless	S*	Shower Trim		*Leave blank for standard, trimless or square trim options*			40K	4000K	R60	60 Degree	50D	50 Degree	SP Specular		
						Non-conductive trim for shower											SB Specular Black		
													* choose between reflector lens or TIR lens. For 10 Degree Optic, inquire with factory.			SG Specular Gold		

Accessory Lens		Environment		Dimming		Installation Type		Emergency Backup	
SF	Soft Focus	IP20	Dry	ELV	Phase/Triac (3%)	NC	New Construction Tray	EM5	5W / 90 Min
SL	Solite Lens	IP44	Wet	D10	0-10V (.1%)	RM	Remodel (no NC Tray)	EM10	10W / 90 Min
HL	Hexcell Louver			DAL	DALI	AT/CP	Airtight/Chicago Plenum		
LS	Linear Spread					WC	Wood Ceiling		

info@binacompany.com l 305.735.3114 l www.binacompany.com

In an effort to offer the best product possible, we reserve the right to change, without notice, specification or material of the product.

Go2   2" Downlight

BINA COMPANY

Trim Options

2.40"	2.56"	2.76"	2.72"
Narrow Trim (NR)	Standard Trim	Wide Trim (WD)	Square Trim (ST)

Reflector Options

White	Black	Silver
Specular	Black Specular	Gold

Optical Lens

| Soft Focus | Honeycomb | Linear Spread | Solite |
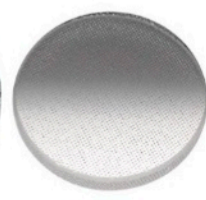
Go2

2" Downlight

BINA COMPANY

92 CRI / 2700K	15 Degree	24 Degree	36 Degree	50 Degree
10W	688Lm	764Lm	753Lm	731Lm
15W	1031Lm	1146Lm	1128Lm	1097Lm

92 CRI / 3000K	15 Degree	24 Degree	36 Degree	50 Degree
10W	715Lm	795Lm	782Lm	761Lm
15W	1072Lm	1192Lm	1173Lm	1141Lm

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

Go2 2" Downlight

BINACOMPANY

NC - New Construction Frame-In Tray

12 7/16"   8 5/8"

1.5"
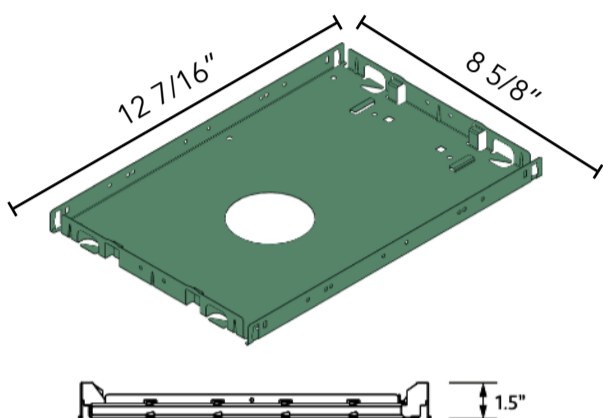
Standard bar hanger (included)
Mounting Length 14 3/4" - 26".
Extension kit can be ordered separately.

Commercial bar hanger #1487
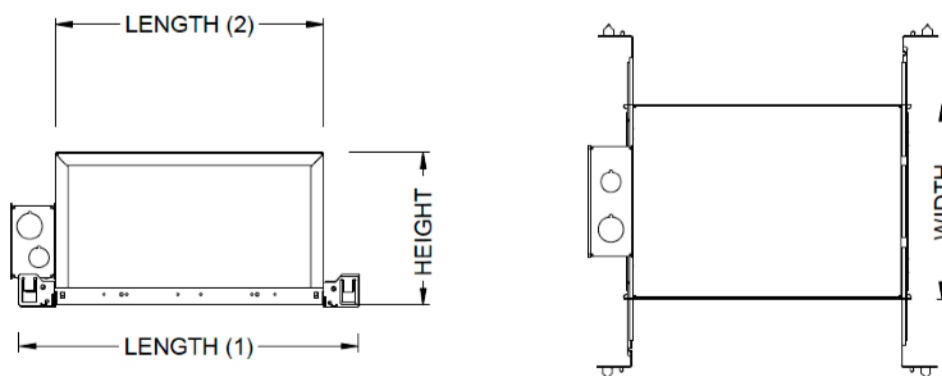Butterfly and Caterpillar brackets available

New Construction & Remodel Mounting

2.16"

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 celling 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

1.81"

8.89"   1.18"
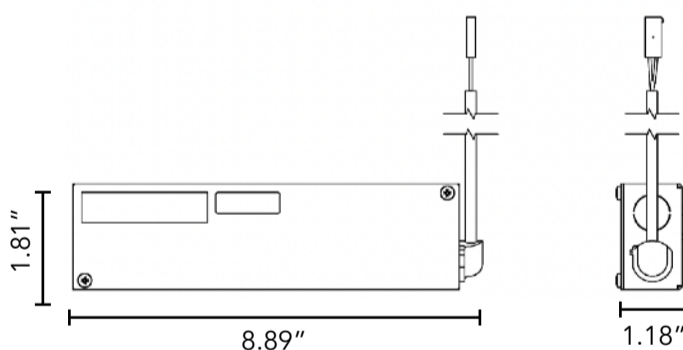
Chicago Plenum / Airtight

LENGTH (2)

HEIGHT

LENGTH (1)

WIDTH

Length	Width	Height
11 3/4"	8 1/2"	4 3/4"
		6 3/4"

Go2

2.5" Downlight
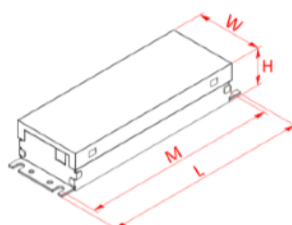
BINA COMPANY

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
4 W	4 W	60 mA	90 min.	LiFePO₄ 24 Hour recharge 7 to 10 year Life expectancy	120-277 Vac 50/60Hz	12-55 V¹	0 ˚C through 55 ˚C	UL and cUL (UL924) Emergency LED Driver

Dimensions / Weight

Length	5.3"	Height	1.0"
Width	1.7"	Mounting Length	5.4"
Weight	0.66 lb		

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
10 W	4 W	60 mA	90 min.	LiFePO₄ 24 Hour recharge 7 to 10 year Life expectancy	120-277 Vac 50/60Hz	15-55 V¹	0 ˚C through 55 ˚C	UL and cUL (UL924) Emergency LED Driver

Dimensions / Weight

Length	9.5"	Height	1.2"
Width	1.7"	Mounting Length	8.9"
Weight	2.09 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.
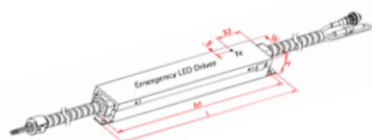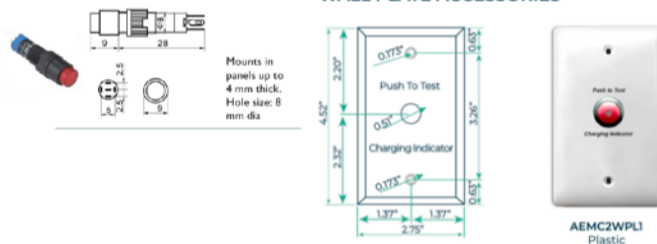
REMOTE LOCATION

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

Mounts in panels up to 4 mm thick. Hole size: 8 mm dia

Push To Test

Charging Indicator

AEMC2WPL1 Plastic

13"

EMERGENCY BATTERY PACK