

# TANGO X

## LED Commercial Downlight

### Recessed Downlight | 4" & 6" Round

The TANGO X is a round recessed commercial downlight with an aluminum housing, matte-finish reflector, and spring mechanisms for easy installation. It's ideal for both retrofits and new construction in education, office, or commercial environments (frame kit required). Available in 4" and 6", it features selectable lumens and five CCT switches, offering great flexibility on-site.

Applications: Art Galleries | Commercial Offices | Retail Stores | Hospitality

eralux<sup>®</sup>

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				



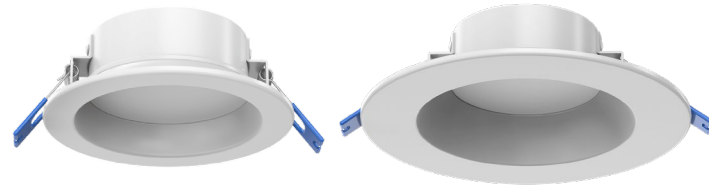
### DYNAMIC MENU

Order Information	<a href="#">Page 2</a>
Dimensions	<a href="#">Page 2</a>
Accessories	<a href="#">Page 4</a>
Photometric Data	<a href="#">Page 7</a>

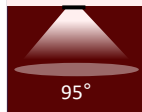
[Install Instruction link](#)

### SPECIFICATIONS

Input Voltage	120-227/347V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming <a href="#">Page 3</a>	0-10V dimming (down to 10%)
CRI	90 CRI
CCT	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid #ccc; border-radius: 50%; width: 25px; height: 25px; background-color: #fff9c4; display: flex; align-items: center; justify-content: center;">27K</div> <div style="border: 1px solid #ccc; border-radius: 50%; width: 25px; height: 25px; background-color: #fff176; display: flex; align-items: center; justify-content: center;">30K</div> <div style="border: 1px solid #ccc; border-radius: 50%; width: 25px; height: 25px; background-color: #fff9c4; display: flex; align-items: center; justify-content: center;">35K</div> <div style="border: 1px solid #ccc; border-radius: 50%; width: 25px; height: 25px; background-color: #bbdefb; display: flex; align-items: center; justify-content: center;">40K</div> <div style="border: 1px solid #ccc; border-radius: 50%; width: 25px; height: 25px; background-color: #bbdefb; display: flex; align-items: center; justify-content: center;">50K</div> </div>
Efficacy	~80 LPW for 4" and ~94 for 6"
Size (inch)	4"      6"
Power (W)	7/11/15      10/14/18
Ambient Temperature Range	-20°C to 40°C
Mounting Options	New construction   Retrofit
Reflector Finish	Matte white
Trim Finish	Matte white



Distribution



### PRODUCT FEATURES



### PRODUCT CERTIFICATIONS



### SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

### LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).



## ORDERING GUIDE

<b>AE-DL-TGX</b>	<b>-CA</b>		<b>-010</b>	<b>-9</b>	<b>2750</b>	<b>-WH</b>
<b>AE-DL-TGX</b> ERALUX Tango X recessed downlight	<b>-CA</b> 120-277/347V	<b>-4   -15W</b> 4"   7/11/15 W 595/940/1200 lm <b>-6   -18W</b> 6"   10/14/18 W 910/1390/1705 lm  @3500K	<b>-010</b> 0-10V	<b>-9</b> Premium 90 CRI	<b>2750</b> 27/30/35/40/50K Switchable	<b>-WH</b> Matte White

Fixture Family	Input Voltage	Size   Power	Dimming	CRI	CCT	Finish
----------------	---------------	--------------	---------	-----	-----	--------

## ORDERING GUIDE – FRAME KIT

<b>AE-DL-FRKT</b> ERALUX FRAME KITS Round Downlights	<b>-04</b> 4 Inches <b>-06</b> 6 Inches	<b>-UNV<sup>1</sup></b>

Fixture Family	Size	Type
----------------	------	------

1. Junction Box is not included. TANGO X comes with a junction box by default.

## ORDERING GUIDE – EMBB

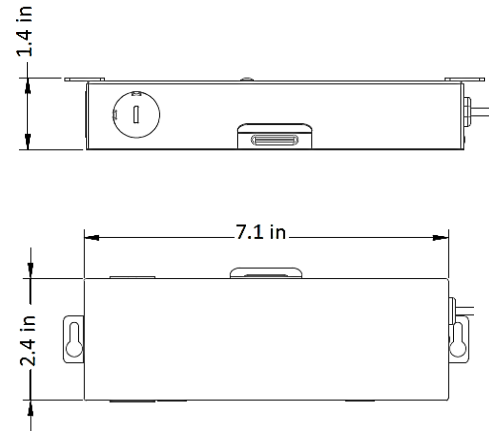
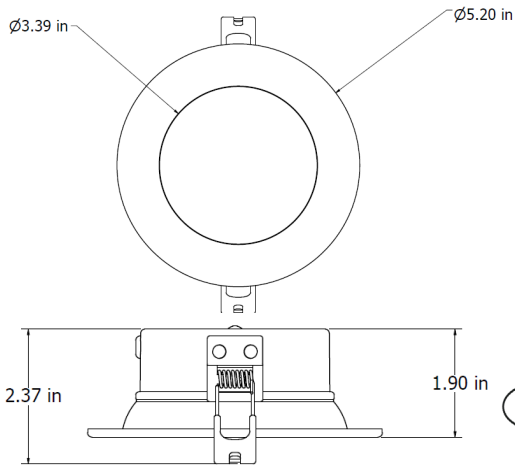
<b>[BLANK]</b> No EMBB
<b>BLD-HM8D-YYY</b> 8W emergency battery backup
<b>EMBB</b>

## DIMENSIONS

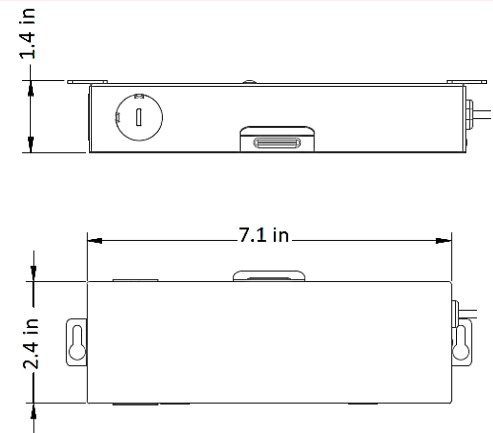
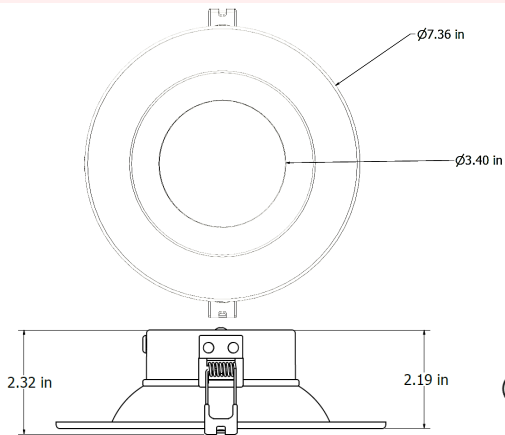
### FIXTURE

### DRIVER

#### AE-DL-TGX-CA-4-15W



#### AE-DL-TGX-CA-6-18W



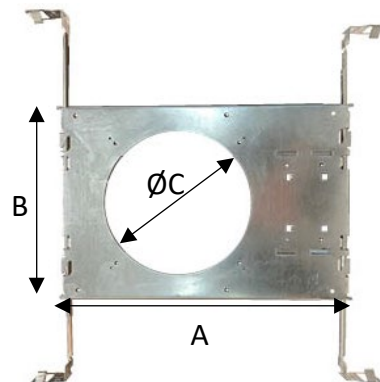
### MOUNTING ACCESSORIES

Ordered separately, field installed.

#### NEW CONSTRUCTION UNIVERSAL FRAME KIT

SPECIFICATIONS	
MATERIAL	22-gauge galvanized steel housing
MOUNTING	T Grid Ceiling
	Gypsum Ceiling
	Maximum Thickness ~1.5"
LENGTH (A)	12.75"
WIDTH (B)	8.63"

OPENING SIZE			
ORDERING CODE	SIZE	SHAPE	C
AE-DL-FRKT-04-UNV	4"	Round	Ø 4.5"
AE-DL-FRKT-06-UNV	6"	Round	Ø 6.37"



## LED Commercial Downlight Recessed Downlight | 4" & 6" Round

### CONTROLS

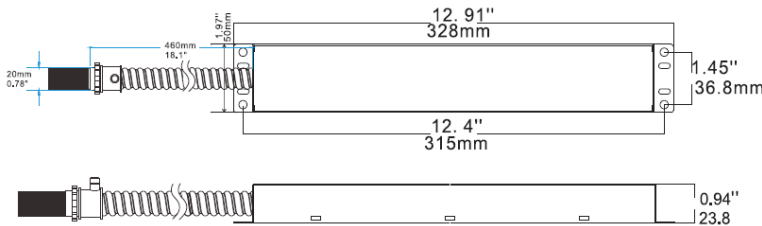
Ordered separately, field installed

### EMERGENCY LED DRIVER (BLD-HMXXD-YYY)

BLD-HM8D-YYY



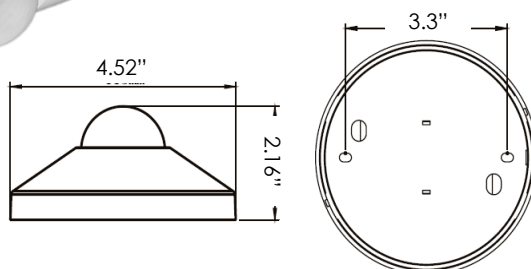
The BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 6-25W constant power at 170VDC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.



SPECIFICATIONS	
Input Voltage	100-347 Vac
Power Frequency	50/60HZ
Input Power	8W max
Output Voltage	170V Dc
Output Power	8W
Ambient Temperature	0°C to 50°C
	30°F to 122°F
Installation	Remote

### ROOM OCCUPANCY SENSOR

PART NUMBER	DESCRIPTION
AE-CT-DT806	Line Voltage Motion Sensor
RC102	RC102 Remote Control



SPECIFICATIONS		
Input Voltage	120-277 Vac	
Power Frequency	50/60HZ	
Rated Load	At 120 Vac	800W
	At 277 Vac	1200W
Detection Range	3-10 Meters	
	9.8-32.8 Feet	
Standby Power	~0.9W	
Time Setting	10 sec to 30 min	
Light Control	10-2,000LUX	
Installation	Ceiling Mounted	

## PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-TGX-CA-4-15W-010-92750-XX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width		
Wattage	15W	0-20°	196.05	16.3		1.7ft	190 fc	4.2 ft	3.4 ft
CCT	4000K	0-30°	410.37	34.0		3.3ft	50.4 fc	8.1 ft	6.6 ft
Distribution	95°	0-40°	654.04	54.2		5.0ft	21.9 fc	12.3 ft	10.1 ft
Size	4"	0-60°	1055.95	87.5		6.7ft	12.2 fc	16.4 ft	13.5 ft
		0-80°	1196.11	99.1		8.3ft	7.96 fc	20.3 ft	16.7 ft
		0-90°	1206.45	100		10.0ft	5.49 fc	24.5 ft	20.1 ft
						■ Vert. Spread: 101.6° ■ Horiz. Spread: 90.4°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-DL-TGX-CA-6-18W-010-92750-XX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width		
Wattage	18W	0-20°	253.67	15.2		1.7ft	247 fc	4.2 ft	4.2 ft
CCT	4000K	0-30°	534.43	32.1		3.3ft	65.6 fc	8.2 ft	8.1 ft
Distribution	95°	0-40°	863.54	51.9		5.0ft	28.6 fc	12.4 ft	12.3 ft
Size	6"	0-60°	1448.65	87.1		6.7ft	15.9 fc	16.6 ft	16.5 ft
		0-80°	1654.21	99.4		8.3ft	10.4 fc	20.5 ft	20.4 ft
		0-90°	1663.62	100		10.0ft	7.14 fc	24.7 ft	24.6 ft
						■ Vert. Spread: 102.1° ■ Horiz. Spread: 101.7°			

## DIMMER COMPATIBILITY LIST

### 0-10V DIMMING

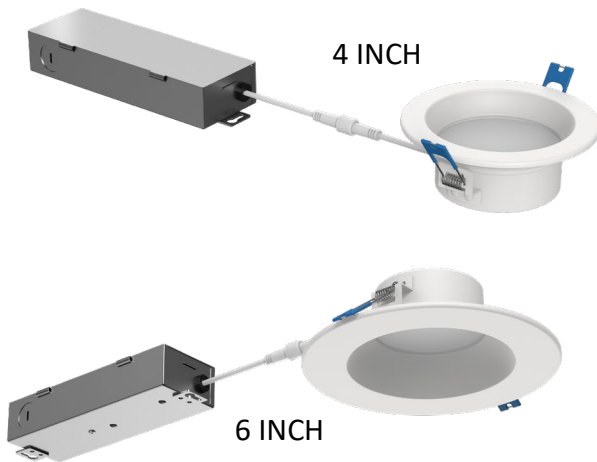
Brand	Model
LUTRON	RMJS-8TN-DV-B
	DVSTV-36WH29
	DVSTV-WH
LEGRAND	RH4FBL3PTCCCV6
	RH4FBL3PTC
LEVITON	IP710-LFZ

## OVERVIEW



### Innovative Design

- Housing made from aluminum for increased rigidity and strength.
- Matte finish reflector.
- Wet location rated and suitable for temperatures ranging from -20 to 40 degrees Celsius.



### Multiple Options

- 3 sizes 4", and 6"
- 3 lumens selectable
- 5 CCT switchable from 2700K to 5000K.



### Mountings Available

Durable stainless steel spring action housing clips for retrofit installations or purchase with the new construction frame kit for new constructions.



### Accessories

- New construction frame kit.
- Emergency back up battery.



### Tests And Certifications

