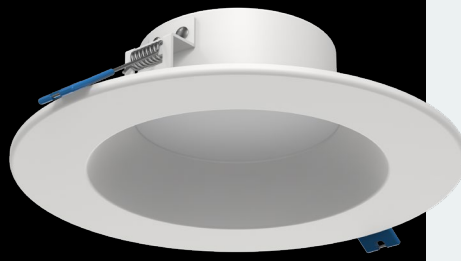


TANGO X

DOWNLIGHT

Commercial Downlight



The TANGO X series is a commercial downlight family from ERALUX. This downlight features a spring mechanism that makes installation a breeze. It is perfect for retrofit and for new construction environment (junction box or frame kit required). The TANGO Series separates itself from competitor downlights by having selectable lumens, and five CCT switches, enabling high flexibility at the project location, it comes in three sizes; 4, 6, and 8 inches.



eralux®



DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-TGX-CA - - -010-92750 -

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-347V
POWER FACTOR	0.9
DIMMING	0-10V Dimming (Dim down to 10%)
TOTAL HARMONIC DISTORTION(THD)	<20%

PERFORMANCE

LEMENS PER WATT	~90-93 LPW for 4" and 6" ~86LPW for 8" At 90 CRI
POWER CONSUMPTION	7/11/15W for 4" 10/14/18W for 6" 18/24/30W for 8"
DISTRIBUTION	Lambertian (95° beam angle)

MECHANICAL & HOUSING

HOUSING	Aluminum
LENS	Highly durable polycarbonate and high transmittance lens
FINISH	Matte White finish
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	SMT

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-20 °C to 40°C
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COMPATIBLE MOUNTING

MOUNTING	New construction or retrofit Recessed
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PROTECTION

RATINGS	IC-Rated Energy Star Wet Rated
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WARRANTY

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)

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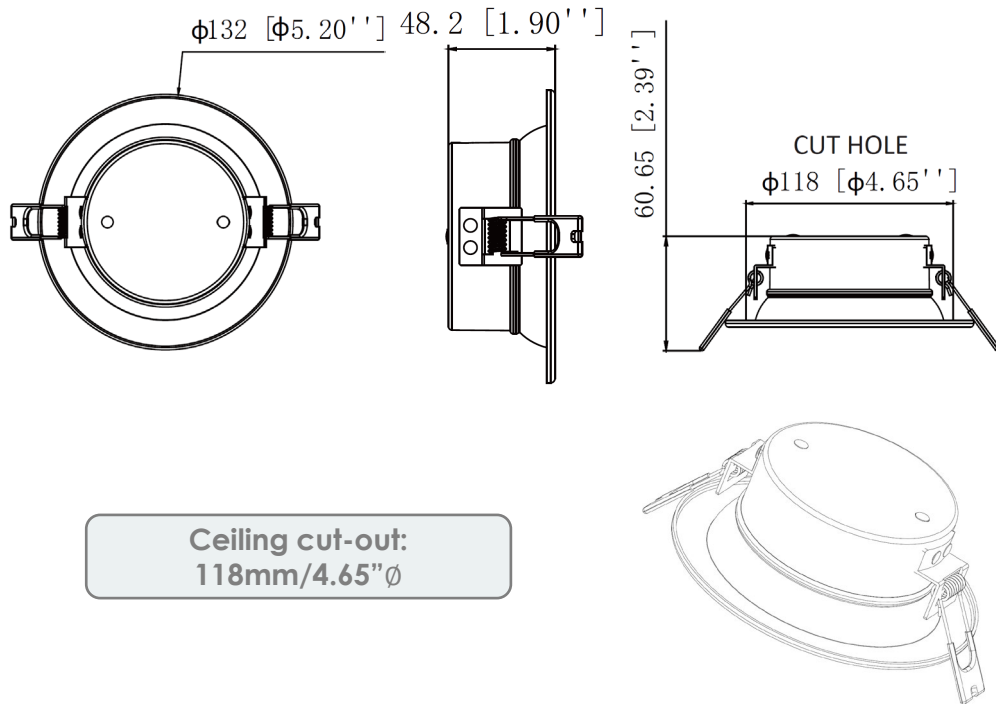
ORDERING GUIDE

EXAMPLE: AE-DL-TGX-CA-6-18W-010-92750-SV

FIXTURE FAMILY	INPUT VOLTAGE	SIZE	POWER	DIMMING	CRI	CCT	FINISH
AE-DL-TGX	-CA	-	-	-010	-9	2750	-WH
AE-DL-TGX ERALUX Tango X Series downlight	-CA Input voltage 120-347V	-4 4 inch	-15W 15 Watts 7/11/15W Selectable Power. 650/1023/1395 Lm At 4000K	-010 0-10V dimming	-9 Premium 90 CRI	2750 CCT switchable 27/30/35/40/50K	-WH Matte White Finish trim and reflector
		-6 6 inch	-18W 18 Watts 10/14/18W Selectable Power. 930/1302/1670 Lm At 4000K				
		-8 8 inch	-30W 30 Watts 18/24/30W Selectable Power. 1548/2064/2580 Lm At 4000K				

PRODUCT DIMENSIONS

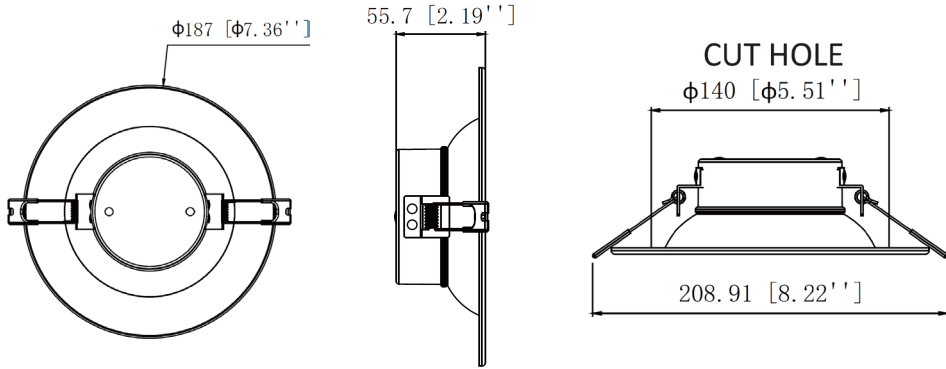
AE-DL-TGX-CA-4-15W-010-92750-XX



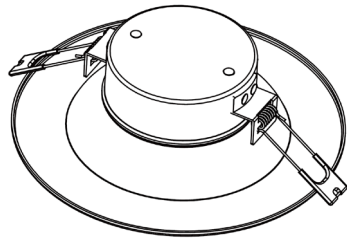
DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-TGX-CA - - -010-92750 -

PRODUCT DIMENSIONS

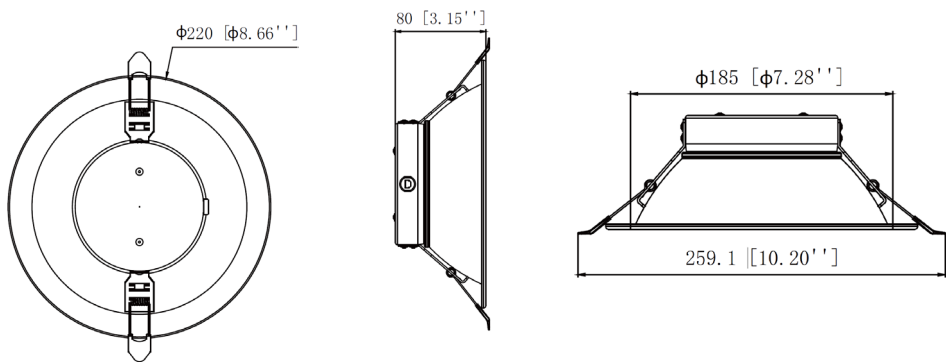
AE-DL-TGX-CA-6-18W-010-92750-XX



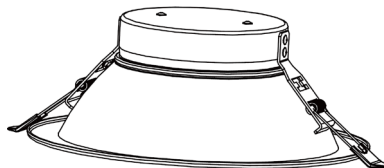
Ceiling cut-out:
140mm/5.51"Ø



AE-DL-TGX-CA-8-30W-010-92750-XX



Ceiling cut-out:
185mm/7.3"Ø



DATE	
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QTY	
ORDERING CODE	AE-DL-TGX-CA - - -010-92750 -

ACCESSORIES

Ordered separately, field installed

NEW CONSTRUCTION UNIVERSAL FRAME KIT

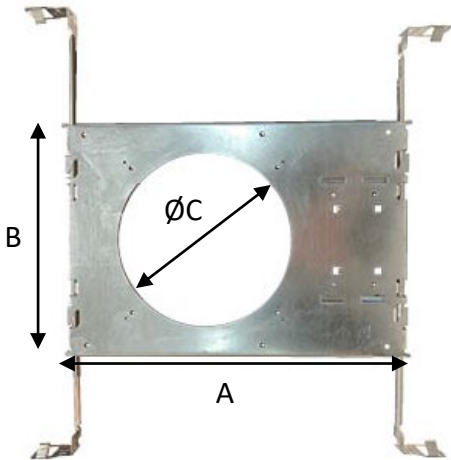


MATERIAL 22-gauge galvanized steel housing

MOUNTING T-bar or drywall ceilings
Up to 1.5" thick

Ordering Code AE-DL-FRKT-04-UNV
AE-DL-FRKT-06-UNV
AE-DL-FRKT-08-UNV

FRAME KIT DIMENSIONS



DIMENSIONS

	A	
4" Round	A	12.75" [324 mm]
	B	8.63" [219 mm]
	C	Ø 4.50" [114 mm]
6" Round	A	12.75" [324mm]
	B	8.63" [219 mm]
	C	Ø 6.37" [162 mm]
8" Round	A	12.75" [324mm]
	B	8.63" [219 mm]
	C	Ø 7.25" [184 mm]

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ACCESSORIES(Continued)

Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-HMXXD-YYY)

BLD-HM8D-YYY

OUTPUT POWER : 8 WATTS

BLD-HM25D-YYY

OUTPUT POWER : 25 WATTS



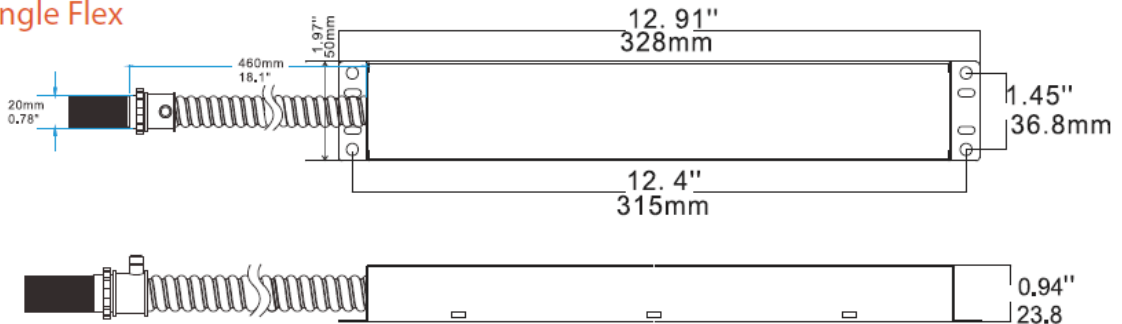
Single Flex(Standard)

- Easy Wiring
- Certified For CA Title 20
- Constant Power Performance

BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installation that allows the same LED fixture to be used for both normal and emergency operation . In the event of a power failure , the emergency driver switches to emergency mode and operates the existing. Fixture to 90 minutes. The unit contains a battery , charge , and converter circuit in a single enclosure .This module will operate an LED array load at 6-25W with constant power at a rated output voltage of 170VDC. The constant power design of BLD-HMXXD-YYY maintains the output wattage to LED array, providing consistent illumination for entire emergency runtime. Ideal for use with most 0-10V dimmable indoor commercial LED lighting fixtures, such as LED flat panel, troffer, downlight and suspension mounting LED linear strip lights, etc.

DIMENSIONS (inches and mm)

Single Flex



DATE					
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LUMENS AT DIFFERENT CCT

ITEM NUMBER	POWER (W)	INPUT VOLTAGE	BEAM ANGLE	27K CCT	30k CCT	35K CCT	40k CCT	50k CCT
AE-DL-TGX-CA-4-15W-010-92750-XX	7W	120-347V	95°	650	690	700	730	720
	11W			900	980	1030	1046	1000
	15W			1130	1200	1300	1300	1200
AE-DL-TGX-CA-6-18W-010-92750-XX	10W	120-347V	95°	880	920	970	980	960
	14W			1100	1200	1260	1280	1250
	18W			1360	1460	1560	1600	1500
AE-DL-TGX-CA-8-30W-010-92750-XX	18W	120-347V	95°	1630	1700	1800	1820	1750
	24W			1970	2130	2250	2280	2140
	30W			2150	2360	2500	2530	2340

DATE	
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TYPE	
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ORDERING CODE	AE-DL-TGX-CA - - -010-92750 -

PHOTOMETRIC DATA

AE-DL-TGX-CA-4-15W-010-92750-XX

4 INCH

120-347V

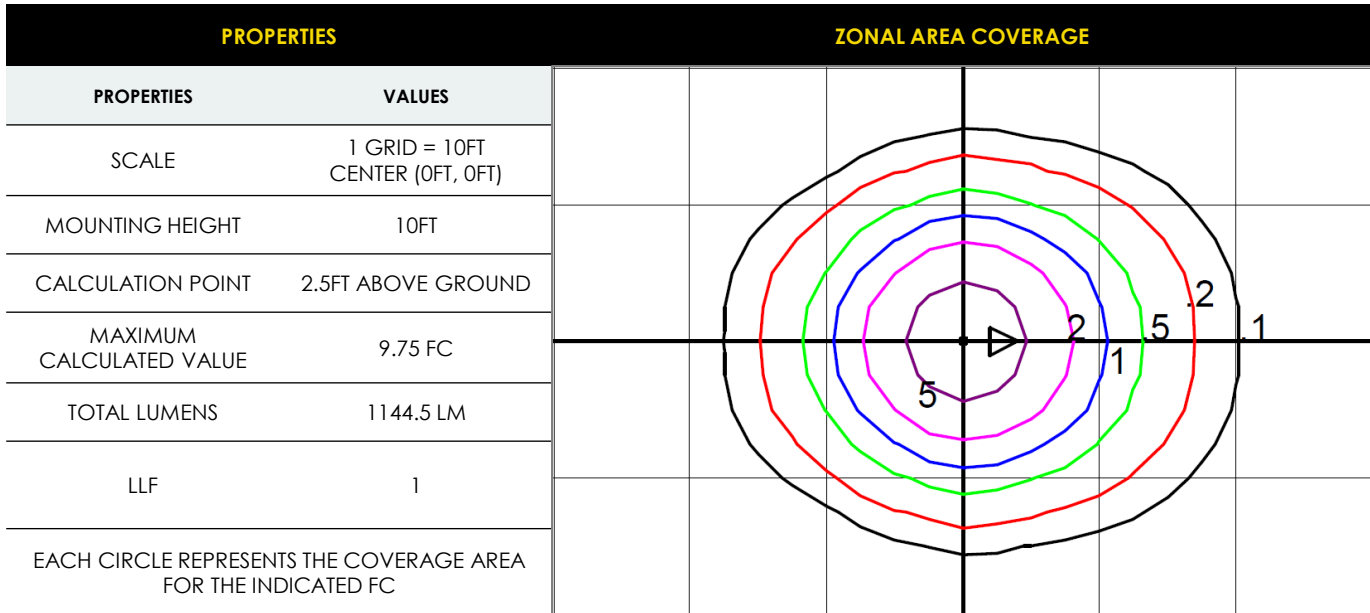
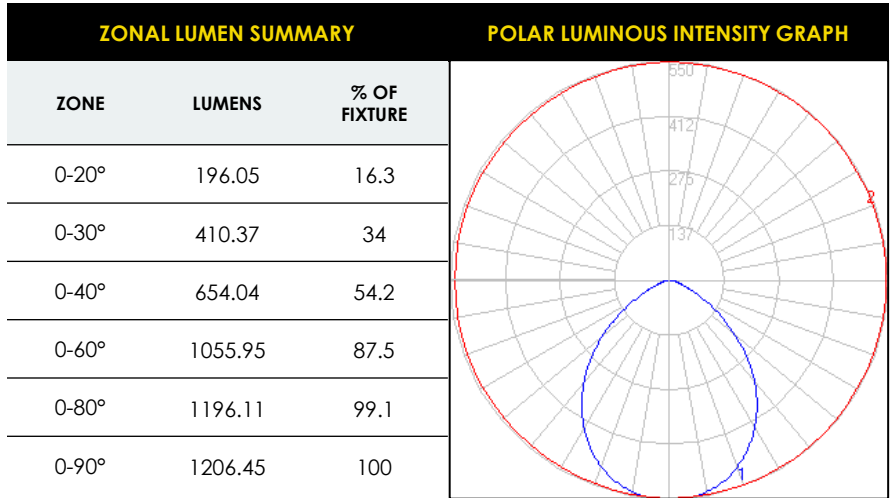
0-10V DIMMING

15W

4000K

90 CRI

95° BEAM ANGLE



DATE	
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ORDERING CODE	AE-DL-TGX-CA - - -010-92750 -

PHOTOMETRIC DATA

AE-DL-TGX-CA-6-18W-010-92750-XX

6 INCH

120-347V

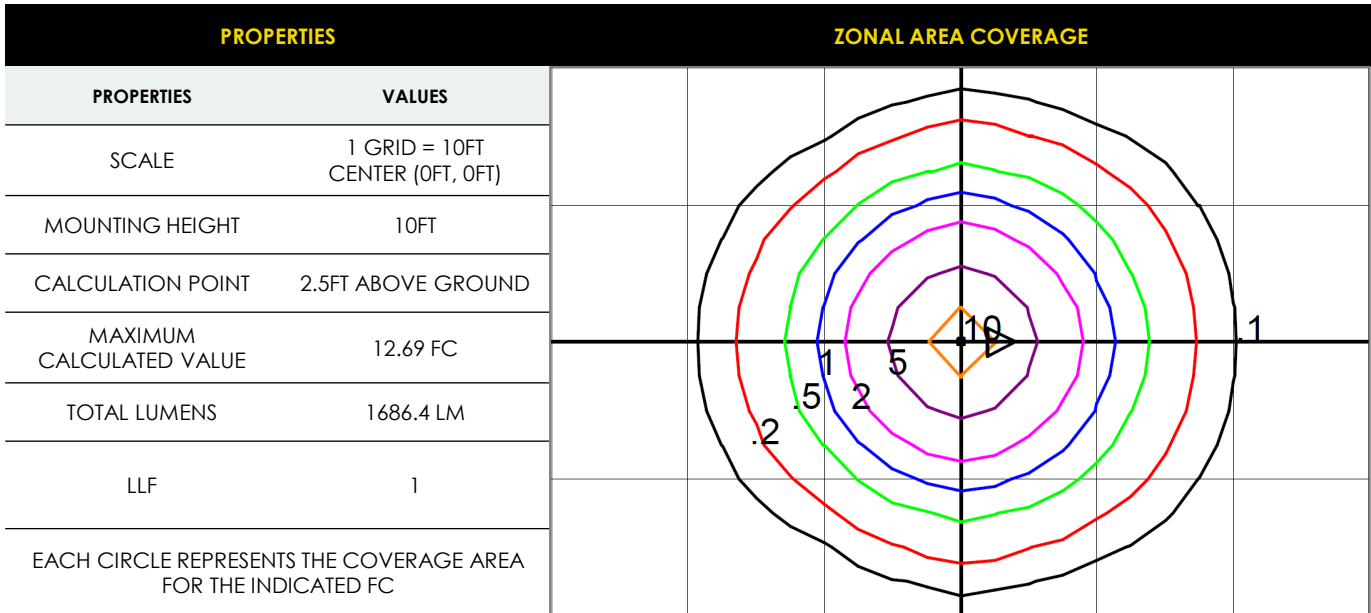
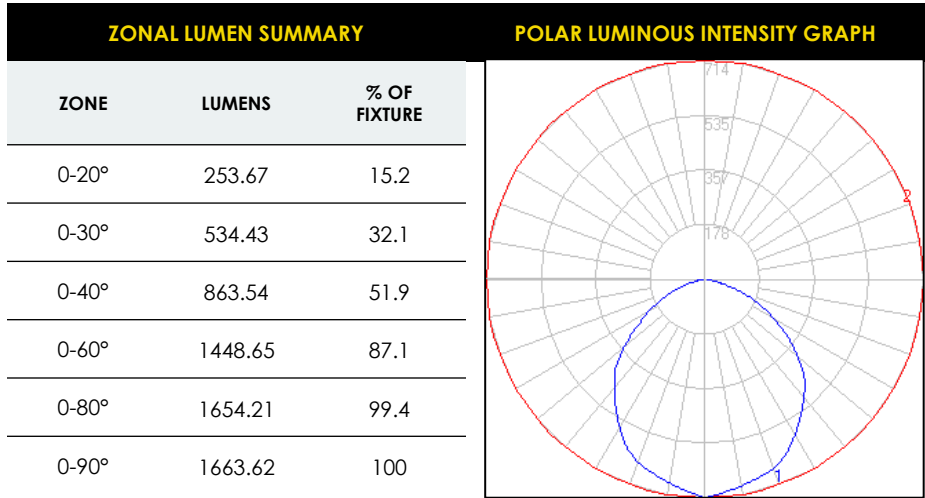
0-10V DIMMING

18W

4000K

90 CRI

95° BEAM ANGLE



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PHOTOMETRIC DATA

AE-DL-TGX-CA-8-30W-010-92750-XX

8 INCH

120-347V

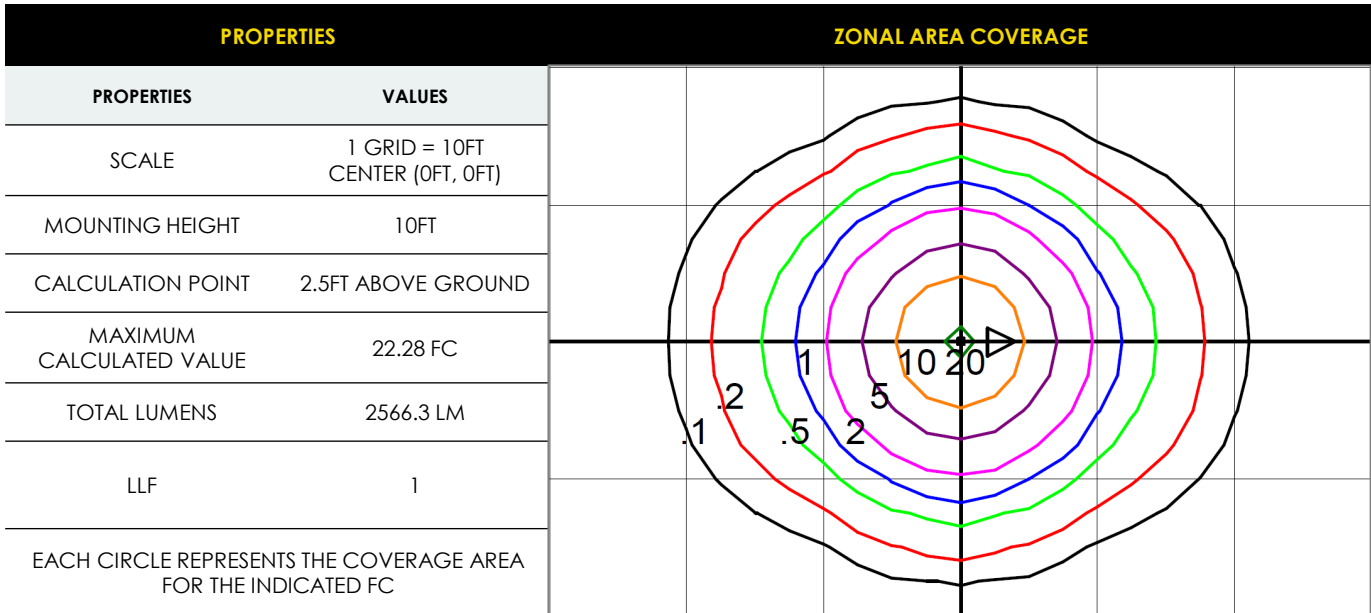
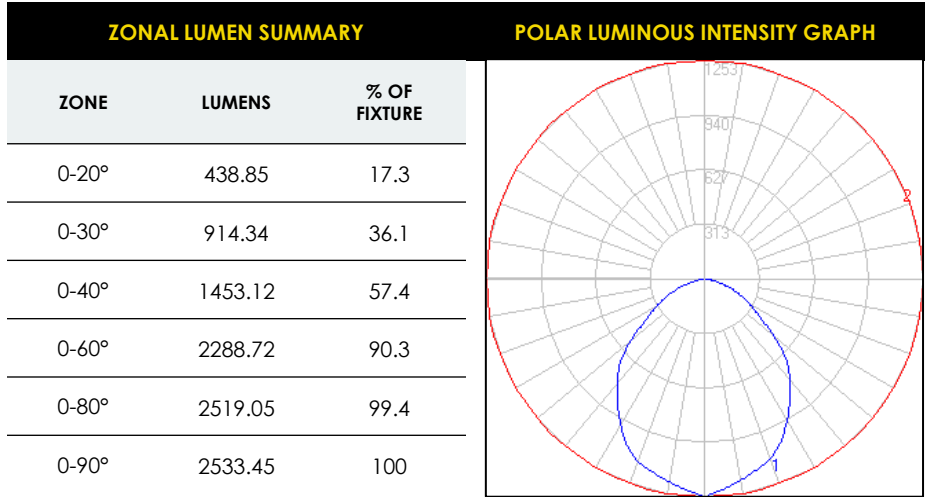
0-10V DIMMING

30W

4000K

90 CRI

95° BEAM ANGLE



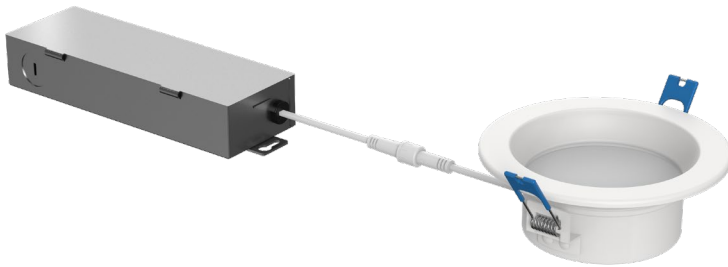
eralux® TANGO X

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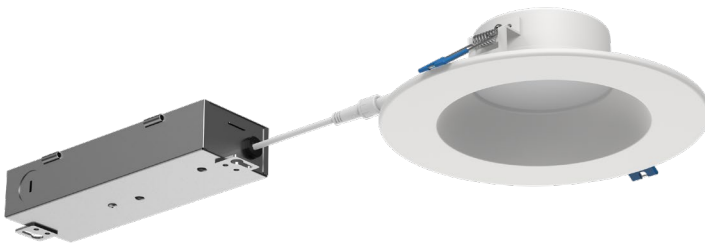
DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-DL-TGX-CA - - -010-92750 -

OVERVIEW

4 INCH



6 INCH



8 INCH



ENERGY EFFICIENT LUMINAIRE

Energy Star certified high-efficacy output of >86 lumens per watt at 90CRI.

UNPARALLELED LIGHT FLEXIBILITY

Available in 3 sizes 4", 6", and 8". Use the DIP switches on the top of the fixture's housing to switch between 3 lumen packages and 5 color temperature options from 2700K to 5000K.

RETROFIT OR NEW CONSTRUCTION

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

PREMIUM DESIGN AND CONSTRUCTION

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