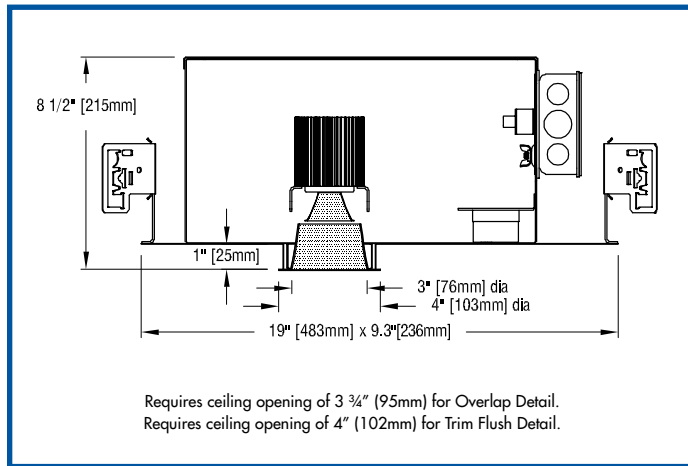


# EPIC THREE DL

recessed insulation contact/Chicago Plenum LED downlight

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## FEATURES

- **EPIC THREE DL is a 3" aperture LED downlight designed for insulation contact (IC)**, certified airtight under ASTM, and is suitable for Chicago Plenum. Luminaire is powered by one of a number of Xicato XTM (19mm) LED modules, distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See below for wattages and efficacies.
- **Luminaire employs an internal 'twist and lock' reflector** to produce an initial beamspread of either 36° or 54°. To allow beamspread to be changed in installed luminaires, internal reflectors are available as accessories.
- **Luminaire may be ordered with one of a number of drivers**, all of which operate on either 120-volt or 277-volt service.
- **External reflectors are available in three clear natural aluminum colors** – semi-specular (C), slightly diffuse (V) or fully diffuse (EC) – as well as black Alzak® and specular white enamel. Other finishes are available on special order. A LightPlate may be used instead of an external reflector.
- **An optional integral holder is available to permit use of one or two Optical Accessories.** A complimentary prismatic lens is included with this option.
- **Housing is constructed from 20-gauge electro-zinc, polyester-coated steel** in Edison Price Lighting's American factory. Heavy-gauge metals, an additional protective coating, and American manufacturing guarantees long-lasting durability.
- **Luminaire includes a pair of residential mounting bars** extendable to 20" and designed for use in wood joists.
- **For more information, [click here](#).**

## APPLICATIONS

Luminaire is listed for direct contact with insulation, certified airtight under ASTM E283, and suitable for damp location. Luminaire also meets Chicago Plenum (CCEA) requirements and is RoHS compliant. Luminaire is prewired, suitable for use in a fire rated ceiling, and approved for eight #12 wire 75° C branch circuit pull-through wiring. Removal of the reflector allows access to the driver and junction box.



Standard recessed, see [THREE XTM DL](#)  
Install-from-below, see [PRESTO THREE LED DL](#)  
For shallower depths and lower pricing, see [EPIC WAFER/3 DL](#)

## PRODUCT CODE

For complete product code, list basic unit and select one item from each following box.

**Basic Unit**  
without Optical Accessory holder.....EPIC-XTM-3DL  
with Optical Accessory holder.....EPIC-XTM-3DG

**Internal Reflector Choose one.**  
36° initial beamspread ..... - 36D  
54° initial beamspread ..... - 54D

**Driver**  
dimmable to 1% by a 0-10V dimmer  
on 120-volt or 277-volt service ..... - DMV  
dimmable to 5% or 10% (see Light Source Output box below)  
by an incandescent or ELV dimmer; 120-volt service only..... - DMP  
eldoLED 0-10V (Logarithmic) driver dims to 0.1% with a  
0-10V dimmer on 120 or 277-volt service..... - DVOELG  
eldoLED 0-10V (Linear) driver dims to 0.1% with a  
0-10V dimmer on 120 or 277-volt service..... - DVOELN  
eldoLED driver dims to 0.1%, compatible with  
DALI control system ..... - DA0-EL

**Light Source Output (Lumens)**  
700 lumens / CRI 98 Artist..... - L07A  
1000 lumens / CRI 98 Artist .....DMP (10%) ..... - L10A  
1000 lumens / CRI 80+ .....DMP (10%) ..... - L10S  
1000 lumens / CRI 80+ Vibrant\*.....DMP (10%) ..... - L10V  
1200 lumens / CRI 98 Artist.....DMP (5%) ..... - L12A  
1300 lumens / CRI 80+ .....DMP (10%) ..... - L13S  
1300 lumens / CRI 80+ Vibrant\*.....DMP (10%) ..... - L13V  
1600 lumens / CRI 80+ .....DMP (5%) ..... - L16S  
1600 lumens / CRI 80+ Vibrant\*.....DMP (5%) ..... - L16V

\* Vibrant LED modules are available with 3000K color only.

**Light Color**  
2700 K ..... not available with Vibrant LEDs..... - 27K  
3000 K ..... - 30K  
3500 K ..... not available with Vibrant LEDs ..... - 35K  
4000 K ..... not available with Vibrant LEDs..... - 40K

External Reflector Color and Trim	Overlap	Trim Flush*
Semi-specular Clear .....	COL .....	CTF
Slightly diffuse Clear .....	VOL .....	VTF
Fully diffuse Clear .....	ECOL.....	ECTF
Champagne Gold .....	GOL.....	GTF
Black.....	BOL.....	BTF
White.....	WOL.....	WTF

Standard reflector flange continues reflector finish. White painted flanges and custom painted flanges are available on special order. Add WF (white flange) or CCF (custom color flange).  
\*Trim Flush reflector trim requires the use of a **plaster ring** Accessory (see below).  
▶ Reflectors detailed for metal or wood ceilings available on special order.  
A LightPlate may be ordered instead of an external reflector above (see below).  
LightPlate **Downlight Spot**, white.....DP3-OL.....DP3-TF  
Custom painted LightPlates are available on special order. Add -CC

## EXTRA REFLECTORS Specify as separate line items.

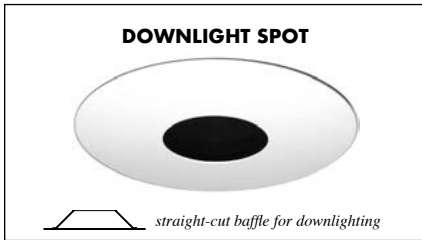
**36° internal reflector** .....XTM-REF36-50  
**54° internal reflector** .....XTM-REF54-50

## ACCESSORIES Specify as a separate line item.

**Plaster ring** allows use of 3 3/4" OD Trim Flush (-TF)  
reflector in sheetrock ceiling; 4" dia hole required..... TF RING/3



## LIGHTPLATES LightPlate may be used instead of external reflector.



## OPTICAL ACCESSORIES Specify as separate line

Specify as separate line items. For use only with the Optical Accessory holder (EPIC-XTM-DG) basic unit listed above.  
All are 2 3/4" (70mm) diameter.

<b>diffuse glass</b> .....	DGS/2.375	<b>color filters</b>	
<b>prismatic lens (Solite)</b> .. (included with Optical Accessory holder) .....	PLS/2.375	surprise pink .....	PNK/2.375
<b>55° spread lens</b> .....	LENS/2.375	daylight blue.....	DAY/2.375
<b>40° x 70° spread lens</b> .....	LENS/2.375-4070	amber .....	AMB/2.375
<b>beam smoother</b> .....	DIF05/2.375	blue .....	BLU/2.375
<b>33% light reduction screen</b> .....	SCR33/2.375	green .....	GRN/2.375
<b>50% light reduction screen</b> .....	SCR50/2.375	red .....	RED/2.375

See below for photometric reports

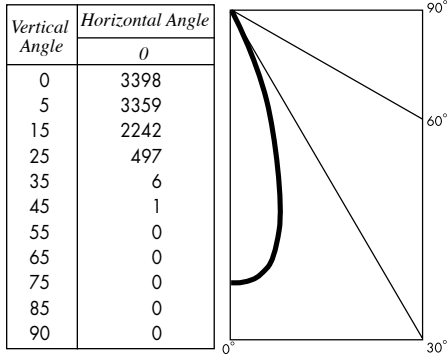


## PHOTOMETRIC REPORT with 36° reflector (tested per IESNA LM-79-2008)

Verification Services Report No. 1188770. Original test report furnished upon request.

Luminaire ..... recessed LED round downlight with semi-specular clear aluminum reflector  
 Light Source ..... one white Xicato XTM 19mm LES LED with 36° beam spread integral reflector, 3000K CCT, 80 CRI, 1600 lumens  
 Spacing Criteria ..... 0.6

### CANDLEPOWER DISTRIBUTION (Candela)



### LUMINANCE DATA

Vertical Angle	Candela/m <sup>2</sup>
45	389
55	52
65	0
75	0
85	0

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0 - 40°	1167	99.6
0 - 60°	1168	100.0
0 - 90°	1168	100.0
90 - 180°	0	0.0
0 - 180°	1168	100.0

### LUMINAIRE LIGHT OUTPUT AND EFFICACY

	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
LED Light Engine			
700 Lumens Artist	541*	53*	10
1000 Lumens Artist	718*	49*	15
1000 Lumens standard & Vibrant	725*	70*	10
1300 Lumens standard & Vibrant	968*	65*	15
1600 Lumens standard & Vibrant	1168	69	17

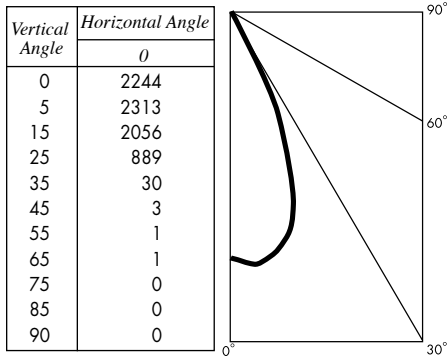
\*estimated values

## PHOTOMETRIC REPORT with 54° reflector (tested per IESNA LM-79-2008)

Verification Services Report No. 1188771. Original test report furnished upon request.

Luminaire ..... recessed LED round downlight with semi-specular clear aluminum reflector  
 Light Source ..... one white Xicato XTM 19mm LES LED with 54° beam spread integral reflector, 3000K CCT, 80 CRI, 1600 lumens  
 Spacing Criteria ..... 0.8

### CANDLEPOWER DISTRIBUTION (Candela)



### LUMINANCE DATA

Vertical Angle	Candela/m <sup>2</sup>
45	929
55	496
65	327
75	0
85	0

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0 - 40°	1230	99.7
0 - 60°	1233	99.9
0 - 90°	1234	100.0
90 - 180°	0	0.0
0 - 180°	1234	100.0

### LUMINAIRE LIGHT OUTPUT AND EFFICACY

	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
LED Light Engine			
700 Lumens Artist	572*	56*	10
1000 Lumens Artist	759*	52*	15
1000 Lumens standard & Vibrant	766*	74*	10
1300 Lumens standard & Vibrant	1022*	69*	15
1600 Lumens standard & Vibrant	1234	73	17

\*estimated values

## STANDARD DMV DRIVER INFORMATION (UL Class 2, dry and damp location)

Voltage	120	277
Input Watts (I07A/I10A/I10S*V/I13S*V/I16S*V)	10/15/10/15/17	10/15/10/15/17
Input Current (A) (I07A/I10A/I10S*V/I13S*V/I16S*V)	.08/13/08/13/14	.04/05/04/05/06
Output Current (mA)	350-700	350-700
Min. Power Factor	.99	.99
Operating Temperature Range (F)	-13 to 122	-13 to 122

## LIGHT OUTPUT MULTIPLIER

LED Light Engine	Light Output Multiplier
700 Lumens Artist	.46*
1000 Lumens Artist	.61*
1000 Lumens standard & Vibrant	.62*
1300 Lumens standard & Vibrant	.83*
1600 Lumens standard & Vibrant	1.0

\*estimated values

## REFLECTOR COLOR MULTIPLIERS

Semi-specular clear (C)	1
Slightly diffuse clear (V)	.95
Fully diffuse clear (EC)	.88
Champagne gold clear (G)	.95
Black (B)	.49