

Project

Type



Date

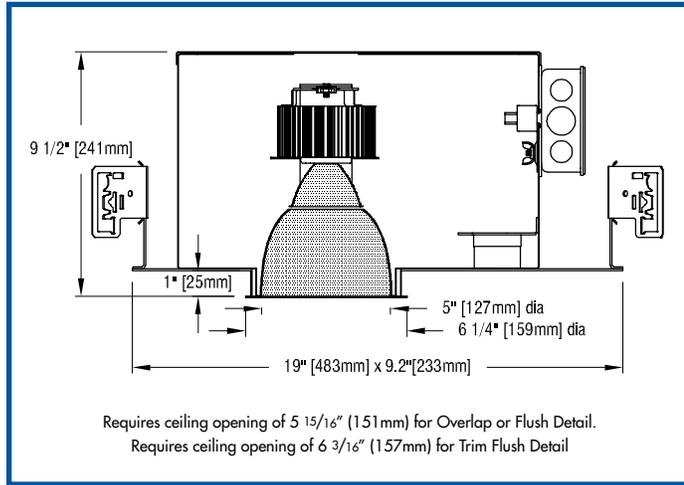
Product Code

Designer

EPIC FIVE HI XTM DL

recessed insulation contact LED downlight

PRECISE OPTICS - PRECISE OPTICS - PRECISE OPTICS - PRECISE OPTICS - PRECISE OPTICS



FEATURES

- **EPIC FIVE HI XTM DL is a 5" aperture LED downlight designed for insulation contact (IC) and certified airtight under ASTM.** Luminaire employs an internal 'twist and lock' reflector to produce an initial beamspread of 20°, 40° or 60°. To allow beamspread to be changed in installed luminaires, internal reflectors are available as accessories.
- **Luminaire is powered by one of a number of Xicato 19 mm XTM LED modules**, all of which are distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See tables on pages below for wattages and efficacies.
- **Luminaire may be ordered with one of a number of drivers.**
- **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.
- **Precise external reflector design minimizes aperture brightness** and provides a shielding angle of 40°.
- **An optional integral holder (DG) permits the use of one or two of a number of Optical Accessories** including lenses and color filters. A complimentary prismatic lens is included with this option.
- **Reflectors are available in three clear natural aluminum finishes** — semi-specular (C), slightly diffuse (V) or fully diffuse (EC) — as well as champagne gold, black Alzak® or white. Other finishes available on special order.
- **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 recommended for downlighting in commercial, retail and residential spaces where insulation is specified or likely to be retrofit into the ceiling plenum.

Luminaire is listed for direct contact with insulation, certified airtight under ASTM E283, and suitable for damp location. Luminaire is prewired, suitable for use in a fire rated ceiling, and approved for eight #12 wire 90° C branch circuit pull-through wiring. Luminaire is RoHS compliant. Removal of the reflector allows access to the driver and junction box.

For higher lumen packages and lower pricing, see [EPIC FIVE HI CZS DL](#) and [EPIC LED FTF DL/5](#).

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-5DL
with Optical Accessory holder	EPIC-XTM-5DG

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

Light Source Output (Lumens)	
700 lumens / CRI 98 Artist.....	DMP (10%) - 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

Voltage	
120 volt service	120
277 volt service	277

Reflector Color and Detail	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.

EXTRA REFLECTORS Specify as separate line items.

20° initial beamspread	XTM-REF20-72
40° initial beamspread	XTM-REF40-72
60° initial beamspread	XTM-REF60-70

ACCESSORIES Specify as separate line item.

Plaster ring allows use of 5 7/8" OD Trim Flush (TF)	
reflector in sheetrock ceiling: 6 3/16" dia hole required.....	TF RING/5



OPTICAL ACCESSORIES *Specify as separate line*

For use only with the Optical Accessory holder (EPIC-XTM-5DG) basic unit listed above. All are 3 3/4" (95mm) diameter.

prismatic lens (Solite) (included with fixture)	PLS/3.75
55° spread lens	LENS/3.75
40° x 70° spread lens	LENS/3.75-4070
beam smoother	DIF05/3.75
33% light reduction screen	SCR33/3.75
50% light reduction screen	SCR50/3.75
color filters	
surprise pink	PNK/3.75
daylight blue	DAY/3.75
amber	AMB/3.75
blue	BLU/3.75
green	GRN/3.75
red	RED/3.75



PHOTOMETRIC REPORT (tested per IESNA LM-79-2008)

Report No. 192366. Original test report furnished upon request.

Luminaire recessed LED round downlight with semi-specular clear aluminum reflector
 Lamp Xicato XTM 19mm LED with 60° beam spread integral reflector, 3000K CCT, 1600 lumens
 Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request
 Spacing Criteria 0.74

LUMINAIRE LIGHT OUTPUT AND EFFICACY

(60° beam spread integral reflector)

LED Light Engine	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist (L07A)	473*	59*	8
1000 Lumens Artist (L10A)	605*	50*	12
1200 Lumens Artist (L12A)	785*	65*	12
1000 Lumens Standard & Vibrant (L10S/V)	643*	71*	9
1300 Lumens Standard & Vibrant (L13S/V)	823*	69*	12
1600 Lumens Standard & Vibrant (L16S/V)	946	68	14

*estimated values

LIGHT OUTPUT MULTIPLIER

LED Light Engine	Light Output Multiplier
700 Lumens Artist (L07A)	0.5*
1000 Lumens Artist (L10A)	0.64*
1200 Lumens Artist (L12A)	0.83*
1000 Lumens Standard & Vibrant (L10S/V)	0.68*
1300 Lumens Standard & Vibrant (L13S/V)	0.87*
1600 Lumens Standard & Vibrant (L16S/V)	1

*estimated values

CANDLEPOWER DISTRIBUTION (Candela)

Vertical Angle	Horizontal Angle
	0
0	1953
5	1875
15	1381
25	739
35	68
45	3
55	0
65	0
75	0
85	0
90	0

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

STANDARD DRIVER INFORMATION *UL Class 2, dry and damp location*

Voltage	120	277
Input Watts (L07A/L10A/L12A/L10SV/L13SV/L16SV lumens)	8/12/12/9/12/14	8/12/12/9/12/14
Input Current (A) (L07A/L10A/L12A/L10SV/L13SV/L16SV lumens)	.07/10/10/08/10/12	.03/04/04/03/04/05
Output Current (mA)	350-700	350-700
Min. Power Factor	>0.9	>0.9
Operating Temperature Range (F)	-4 to 122	-4 to 122

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0 - 40°	941	99.5
0 - 60°	946	100.0
0 - 90°	946	100.0
90 - 180°	0	0.0

LUMINANCE DATA (Candela/m²)

Vertical Angle	Horizontal Angles
	0
45	291
55	39
65	0
75	0
85	0