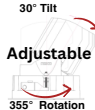


XDL E6

Adaptive Directional | Wall Wash | Fixed to 30° Tilt

6in
150mm

PRODUCT SPECIFICATION



Product Features

- Industry leading 5 year warranty*
- Utilizes latest Xicato Gen 2 XOB LED light source with best in class color consistency (1 X 2 SDCM)
- Superior light quality with leading CRI/R9 of up to 95/90
- World class driver electronics delivering true flicker-free dimming performance
- Cutting edge dimming performance down to 0.1%** with 0-10V, DALI-2 and Xmesh wireless control
- Adaptive 2-in-1 fixture design transforms a fixed downlight to adjustable with a simple adjustment
- Complimentary Wall Wash option delivers the desired lighting accent designers seek
- Classic square or round shape with options of trimmed and trimless to compliment any design
- Flexible lighting design options with variety of light levels, beam angles, and color temperature
- Choose from various install types including retrofit, new construction, and insulated ceilings
- Xicato's Xmesh wireless connectivity enables remote control and monitor from app/dashboard
- Utilize Xicato's smart building ecosystem by adding sensors, switches and asset tags
- Double as emergency lighting with optional battery back-up

Ordering Logic

Model	Trim/Shape/Type	Output/CRI/CCT	Optics/Reflector	Housing Size/Install Type/Shape	Driver	Output/Wireless	Emergency	
EXAMPLE: E6-WRA-L29030-30DW-E6HBR-X10L2 (XDL 6" White Round Adaptive Downlight, 1840Lm, 90CRI, 3000K, 30 Degree White Reflector, Retrofit Driver Box, XAD 0-10V, L2 Output)								
Model	Trim	Shape	Function	Output Level	CRI	CCT	Optics	Reflector
E6 XDL 6"	W White	R Round	A Adaptive (0° to 30°)	L2 2000 Lm	90 90	27 2700K	20D 20 Degree	W Matte White
	B Black	S Square	W Wall Wash	L3 2750 Lm	95 95	30 3000K	30D 30 Degree	B Matte Black
	T Trimless			L4 3400 Lm		35 3500K	50D 50 Degree	S Matte Silver
						40 4000K	36W ¹ Wall Wash	CB Chrome Black
								CS Chrome Silver
Housing Size	Install Type	Cutout Shape	Driver	Output Level (Housing)	Emergency Backup			
E6H XDL 6" Housing	B Retrofit Driver Box	R Round	X10 0-10V Dim to 1%	L2 L2 Output	Blank No Emergency			
	F New Construct Frame	S Square	XD2 DALI-2 Dim to 0.1%	L3 L3 Output	E5 Emergency 90min @ 5W			
	I Insulated Ceiling Box		X10W 0-10V with Xmesh Dim to 0.1%	L4 L4 Output	E9 Emergency 90min @ 9W			
	A Air Tight IC Box		XD2W DALI-2 with Xmesh Dim to 0.1%		E15 Emergency 90min @ 15W			
					*All CA Title 20 Compliant			

¹36W only available for Wall Wash and only available in Matte Silver finish

Housings can be shipped separately from base downlight. EM includes remote test switch.
*See Xicato 5 Year Limited Warranty

Technical Specifications

Lighting	
LED	Xicato XOB
CCT	2700K, 3000K, 3500K, 4000K
Delivered Lumens	See Table
CRI/R9	CRI 90: ≥90/50, CRI 95: ≥95/90
Color Consistency	Xicato XOB with 1x2 SDCM Color Consistency
LED Rated Life (L70)	>50,000Hrs
Optical	
Beam Angle	20°, 30°, 50°
Lens Material	Polycarbonate
UGR	TBD
Electrical	
Input Voltage	120-277V
Frequency	50/60Hz
Dimmable	Yes, 0-10V to 1%; DALI-2, Xmesh Wireless to 0.1%
Power Consumption	See Table
Efficacy	See Table
Mechanical	
Base/Housing	Integrated Aluminum Heatsink / 16-Gauge Rolled Steel
Trim Finish	Matte White, Matte Black
Reflector Finish	White, Black, Silver, Chrome Black, Chrome Silver
Shape	Round, Square
Dimensions (H x Ø Dia)	7.48 x 6.30in (190 x 160mm)
Net Weight	4.13lb (1.875kg)
Max Ambient Temp	35° C (95° F)
Application Type	Adaptive (Adjust from Fixed at 0° to 30° Tilt), Wall Wash
Installation	Retrofit, New Construction, Insulated Ceiling
Certification and Warranty	
Certification	ETL Listed (UL2108), FCC, CE, UKCA
Environmental	RoHS
IP Rating	IP 55 with Lens Only
Warranty	5 years Limited

Performance and Efficacy*			
Model	Output (lm)	Power (W)	Efficacy (lm/W)
L2	2000	21.2	94.3
L3	2750	29.3	93.8
L4	3400	37.7	90.2

*Estimated performance based on XOB Gen 2. Subject to change.
All data based on 3000K CRI 90 30° Optics as baseline

Lumen Conversion*		
CCT	CRI	Ratio
3000K	90	1
2700K	90	0.94
3500K	90	1.07
4000K	90	1.1
2700K	95	0.85
3000K	95	0.9
3500K	95	0.97
4000K	95	1

Beam Angle	Ratio
20°	0.91
30°	1
50°	0.98

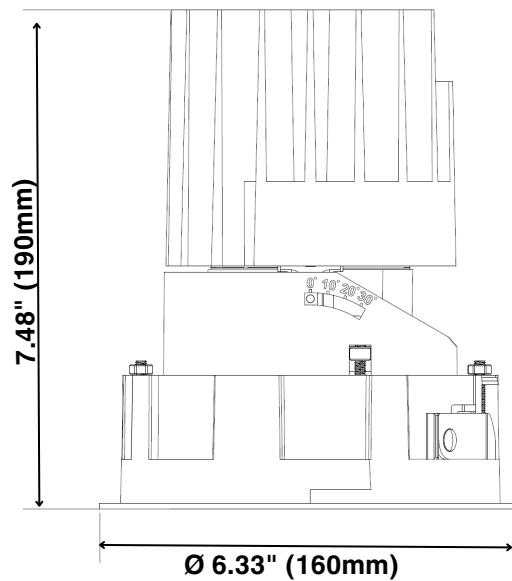
Type	Ratio
Adaptive (0° to 30° Tilt)	1
Wall Wash	0.8

*All conversion based on 3000K CRI 90 30° Optics as baseline

Emergency Battery Back-Up				
		Est. Output Level		
Battery Option		L2	L3	L4
E5	90min @ 5W	~31%	~22%	~17%
E9	90min @ 9W	~55%	~39%	~30%
E15	90min @ 15W	~92%	~65%	~50%

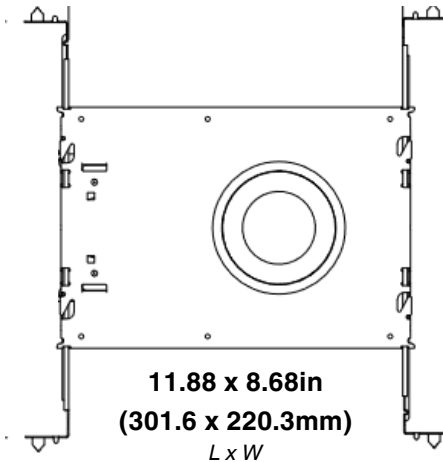
All data shown is nominal. Specifications and data are subject to change without notice.

Dimensional Drawings

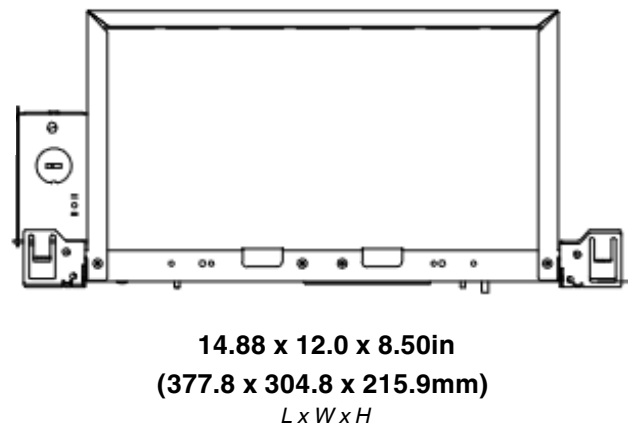


Other Dimensions

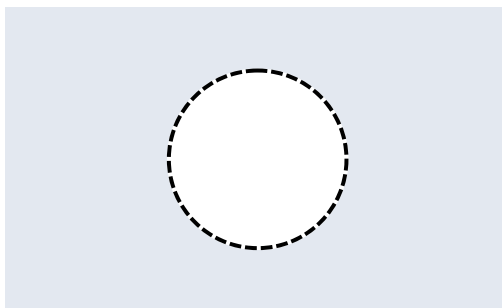
New Construction Frame



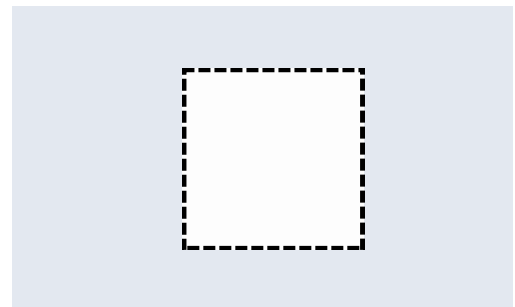
IC / ICAT / Chicago Plenum



Ceiling Cutout Dimension

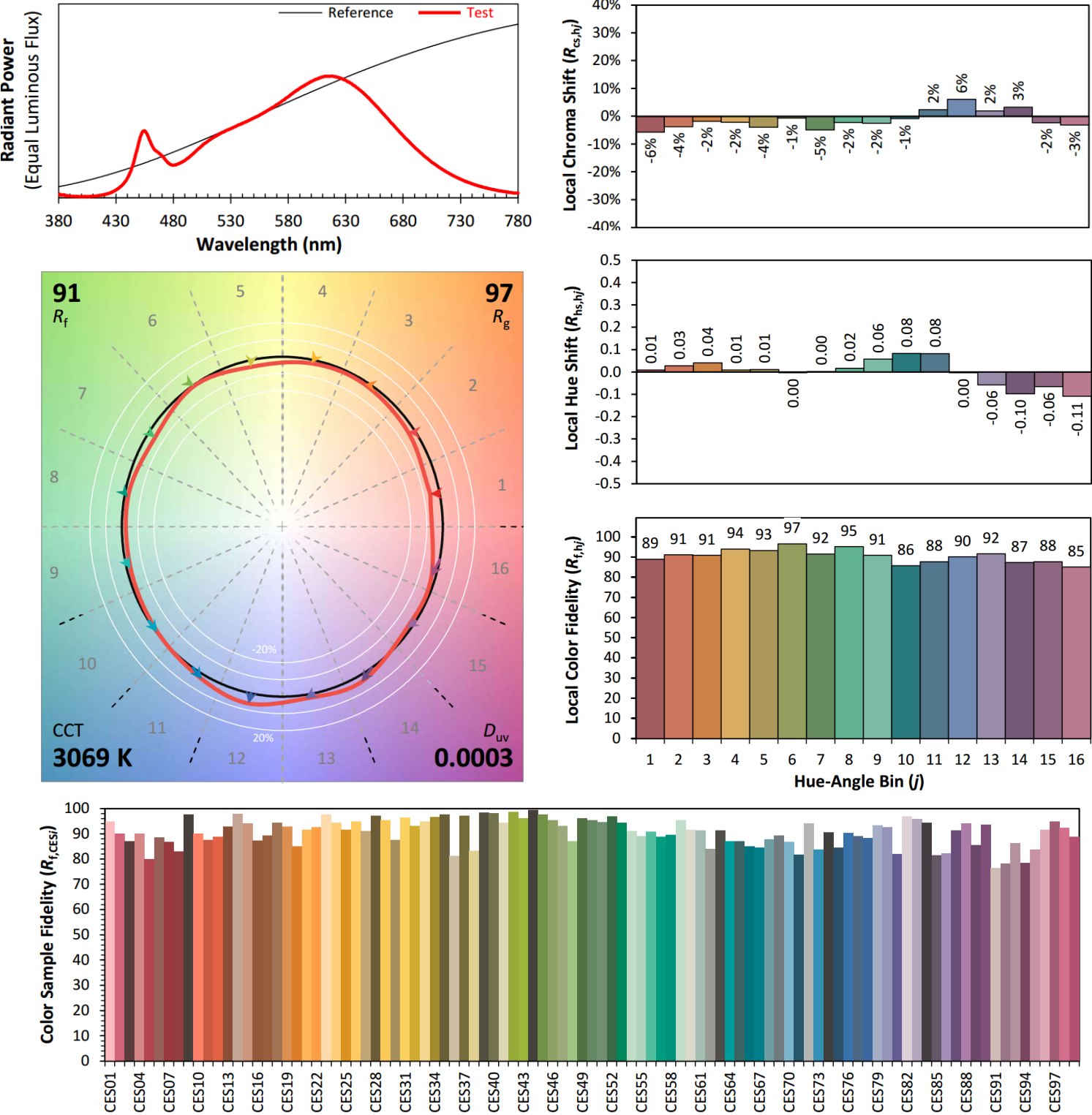


Round
Ø 5.91" (150mm)



Square
5.91" x 5.91" (150 x 150mm)

Color Specification: TM-30 for Xicato XOB Gen 2 3000K CRI 90



Color Specification: TM-30 for Xicato XOB Gen 2 3000K CRI 95

