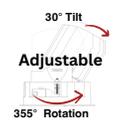


XDL E6 XTM

Adaptive Directional | Wall Wash | Fixed to 30° Tilt

6in
150mm

PRODUCT SPECIFICATION



Product Features

- XDL E6 XTM Series offers exceptional and reliable performance backed by industry leading 10 year warranty*
- Utilizes Xicato XTM light source with superior 1x2 SDCM color consistency with ZERO color shifts
- Xicato's patented Corrected Cold Phosphor Technology® provides exceptional light and color performance
- World class quality of light with CRI/R9 of up to 95/90
- High performing reliable 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
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E6-WRA-L4X9030-30DW-E6XHBR-X10 (XDL E6 6" White Round Adaptive Downlight, 2450Lm, Xicato XTM, 90CRI, 3000K, 36 Deg White Reflector, Retrofit Driver Box, XAD 0-10V, For L4)

Model	Trim	Shape	Function	Output Level	LED	CRI	CCT	Optics	Reflector
E6	XDL 6"	W White	A Adaptive (0° to 30°)	L2 1160 Lm	X Xicato XTM	90 90	27 2700K	25D 25 Degree	W Matte White
		B Black	W Wall Wash	L3 1700 Lm				95 95	30 3000K
E6W	XDL 6" Wet Rated	T Trimless		L4 2465 Lm		V9 ² V95	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*
E6XH XDL 6" XTM 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	Blank Retrofit or No Housing	X10X 0-10V with Xmesh Dim to 0.1%	L4 L4 Output	E9 Emergency 90min @ 9W
D6XH No Housing	A Air Tight IC Box		XD2X DALI-2 with Xmesh Dim to 0.1%		E15 Emergency 90min @ 15W
	Blank No Housing				*All CA Title 20 Compliant

¹36W only available for Wall Wash and only available in Matte Silver finish
²CRI 95 Vibrant only available in 3000K

Housings can be shipped separately from base downlight. EM includes remote test switch.
*See Xicato 10 Year Limited Warranty
**Down to 1% with 0-10V dimming

Technical Specifications

LED Light Source	
LED	Xicato XTM with Corrected Cold Phosphor Technology®
CCT	2700K, 3000K, 3500K, 4000K
Delivered Lumens	See Table
CRI/R9	CRI 90: ≥90/50, CRI 95: ≥95/90, CRI 95 Vibrant: ≥95/90*
LED Color Consistency	Xicato XTM with 1x2 SDCM Color Consistency
LED Rated Life (L70)	>50,000Hrs
Optical	
Beam Angle	25°, 36°, 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, Trimless
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, UL2108, FCC, CE, UKCA
Environmental	RoHS
IP Rating	IP 55 with Lens Only
Warranty	10 years Limited

*CRI 95 Vibrant only available in 3000K CCT

XTM Designer (CRI 90) Performance and Efficacy*			
Model	Output (lm)	Power (W)	Efficacy (lm/W)
L2	1160	16.7	69.5
L3**	1700	24	70.8
L4	2465	34.1	72.3

XTM Artist (CRI 95) Performance and Efficacy*			
Model	Output (lm)	Power (W)	Efficacy (lm/W)
L2	1240	18.9	65.6
L3**	1710	24.0	65.3
L4	2235	36.8	60.7

*All data based on 3000K 36° Optics as baseline

**Estimated Value

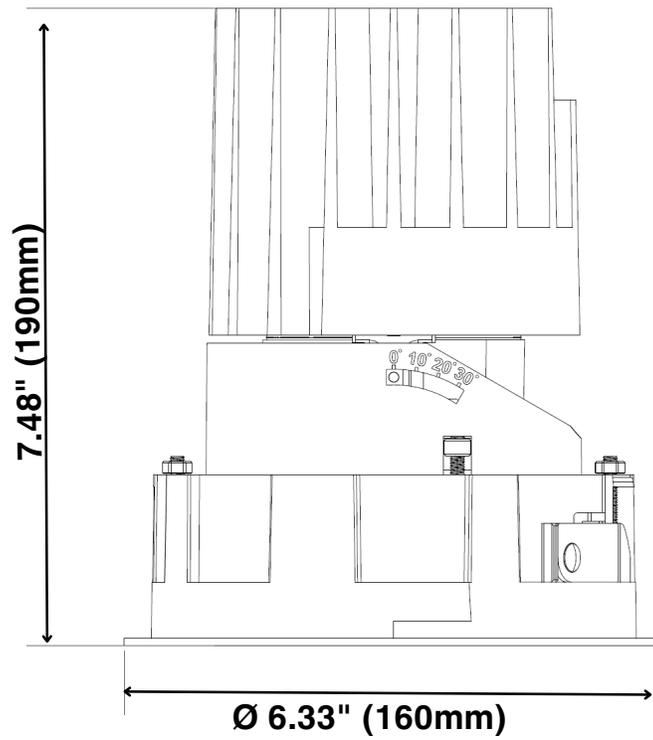
Lumen Conversion*	
Beam Angle	Ratio
25°	0.9
36°	1
50°	0.97
Type	Ratio
Adaptive (0° to 30° Tilt)	1
Wall Wash	0.8

*All conversion based on 3000K as baseline

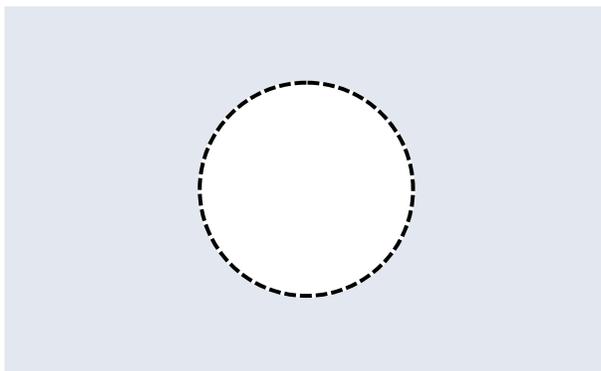
Emergency Battery Back-Up				
		Est. Output Level		
E6 XTM		L2	L3	L4
E5	90min @ 5W	~44%	~29%	~20%
E9	90min @ 9W	~79%	~53%	~35%
E15	90min @ 15W	x	~88%	~59%

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

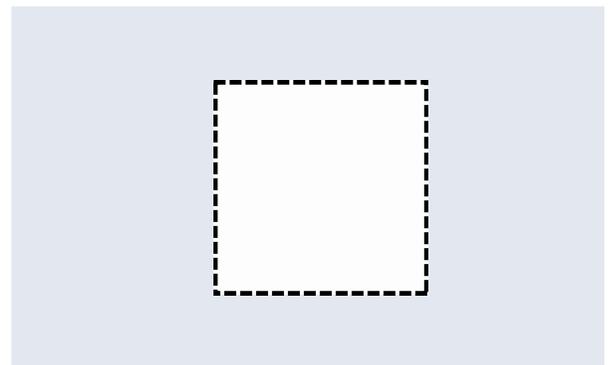
Dimensional Drawings



Ceiling Cutout Dimension



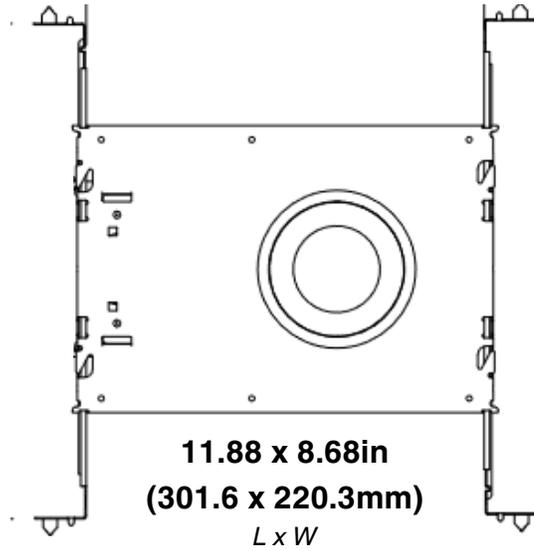
Round
Ø 5.91" (150mm)



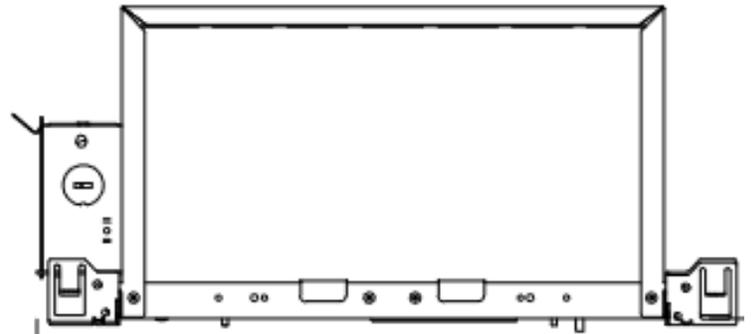
Square
5.91" x 5.91" (150 x 150mm)

Other Dimensions

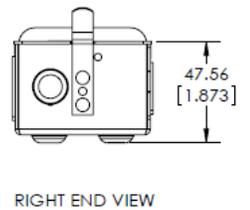
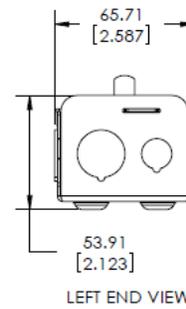
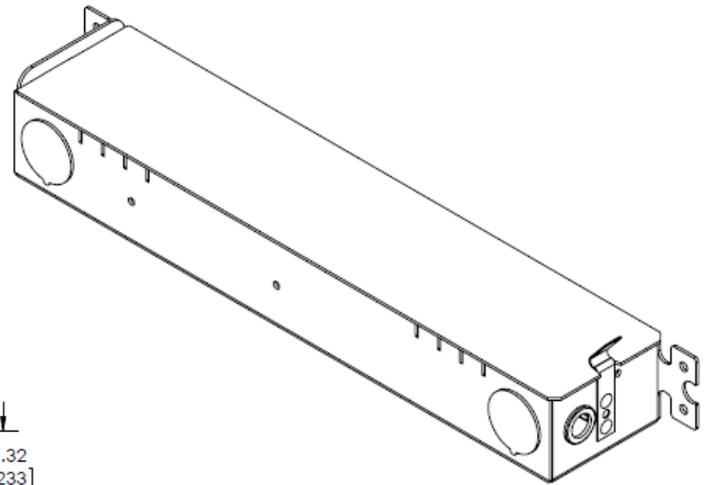
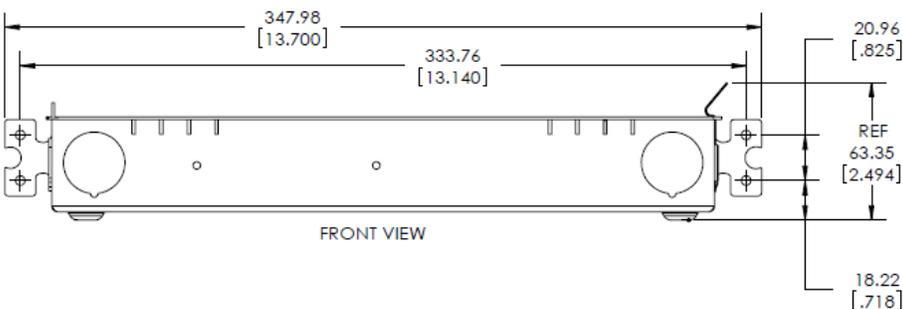
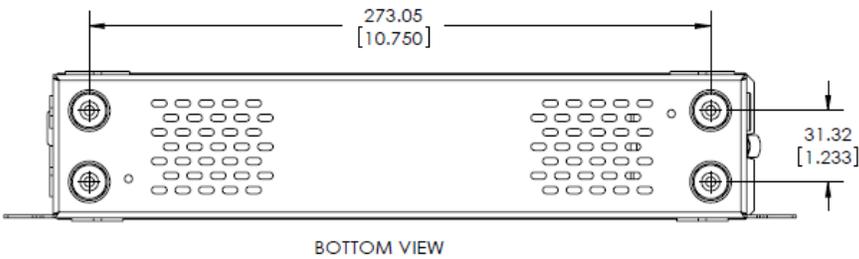
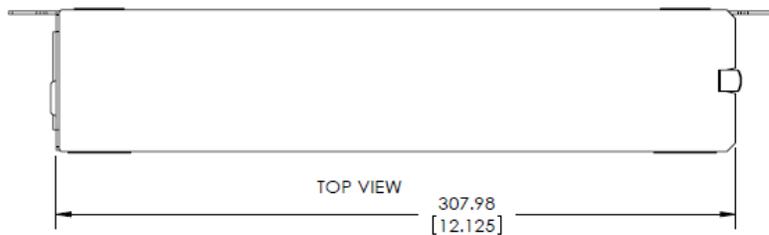
New Construction Frame



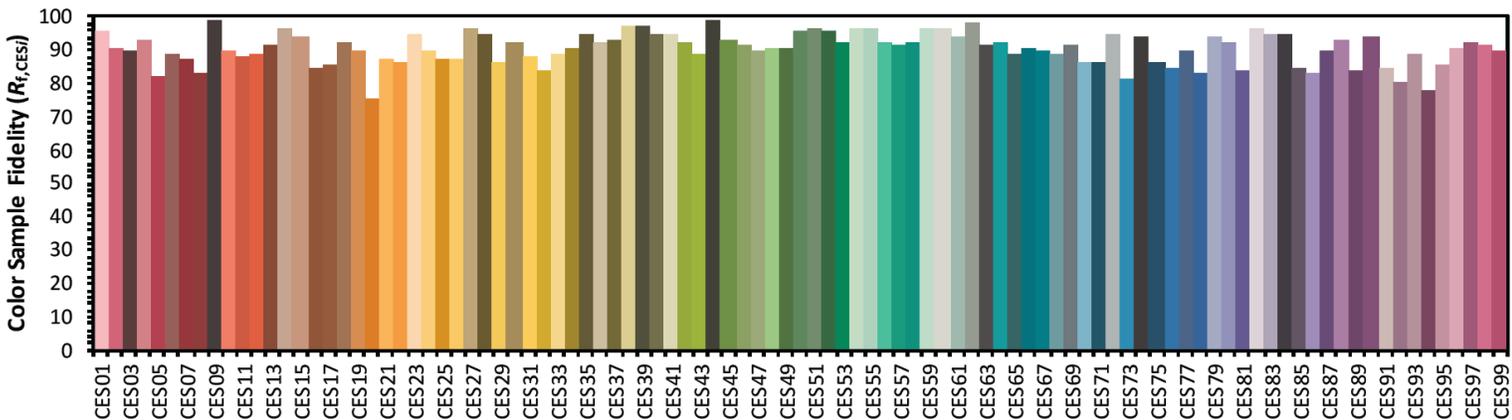
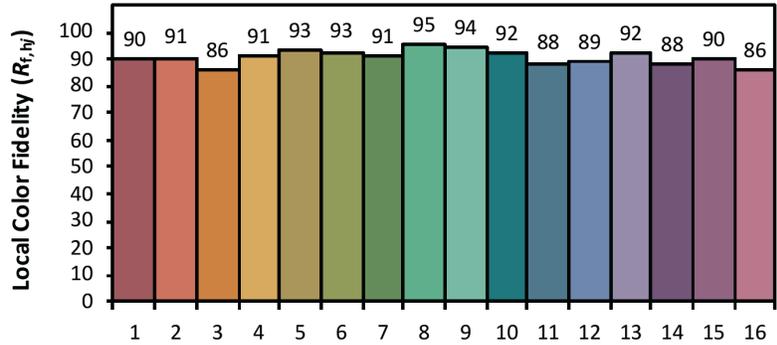
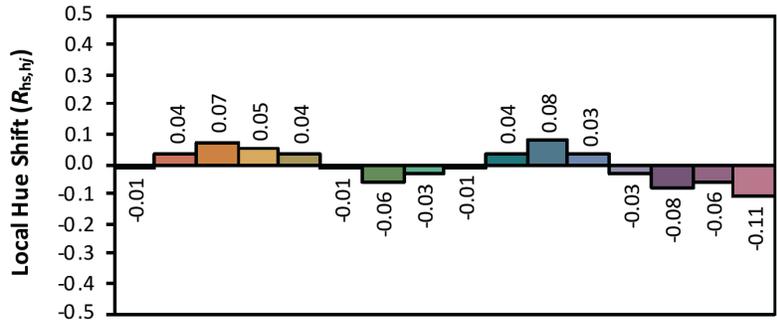
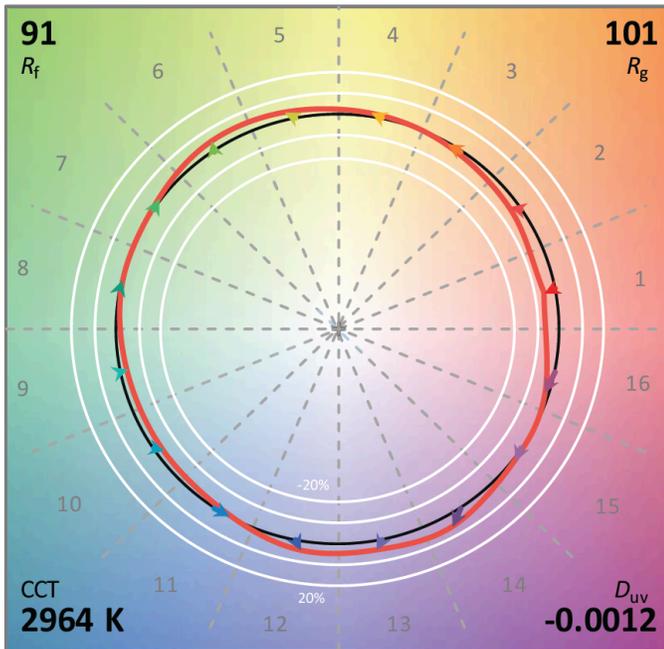
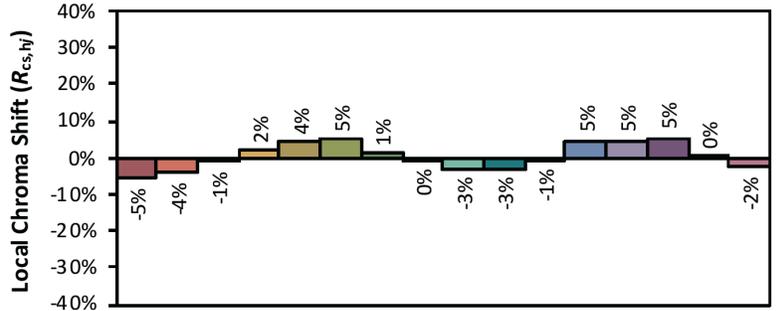
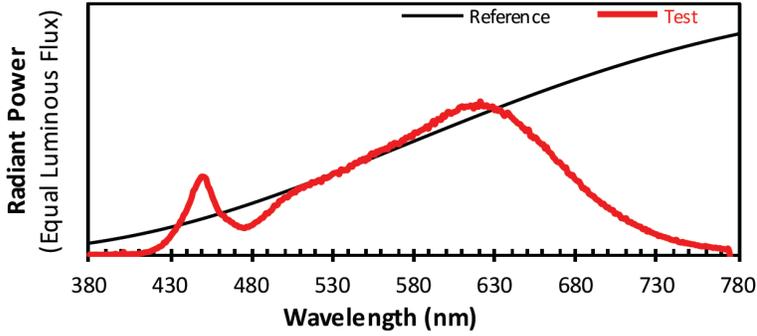
IC / ICAT / Chicago Plenum



Retrofit Driver Box



Color Specification: TM-30 for Xicato XTM 3000K CRI 90



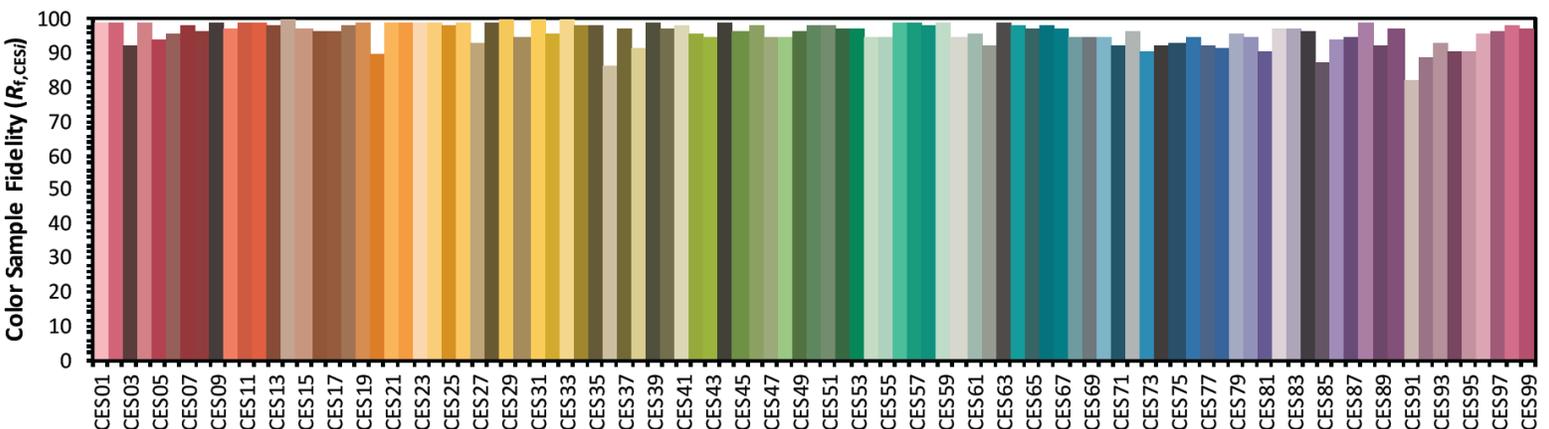
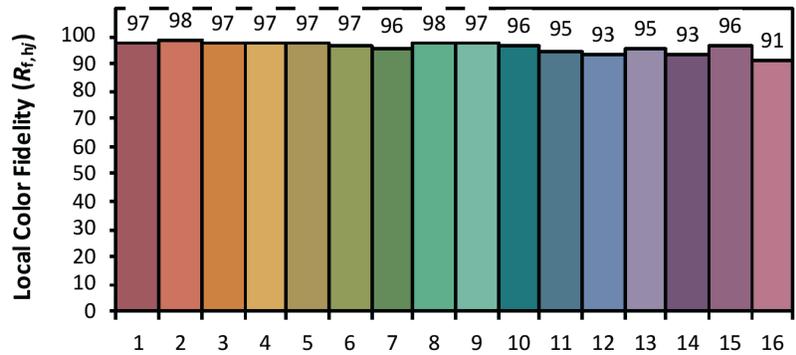
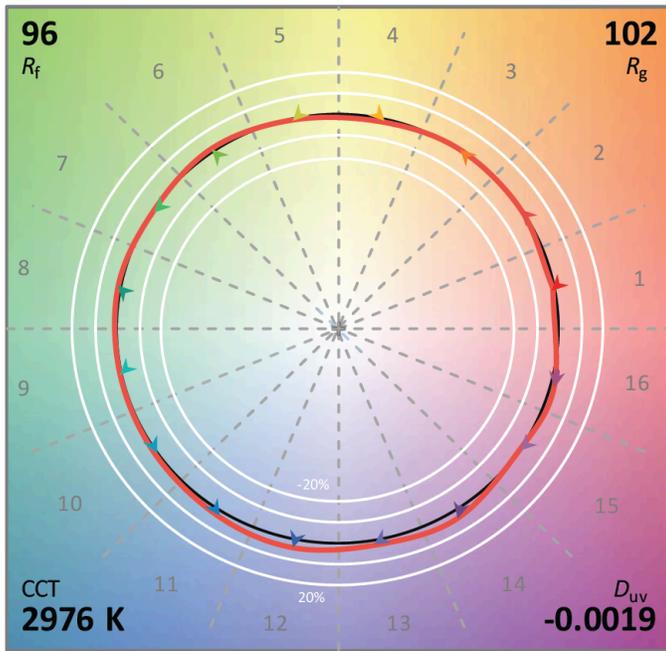
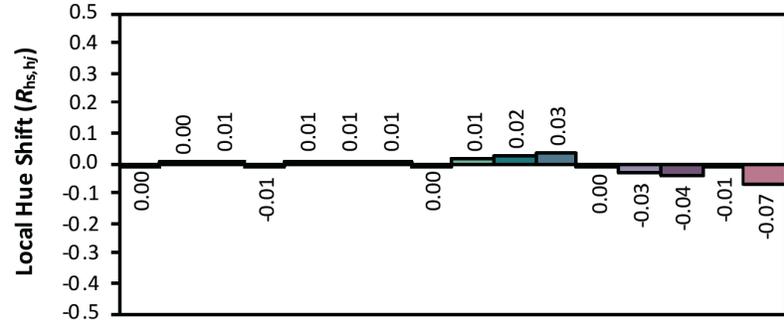
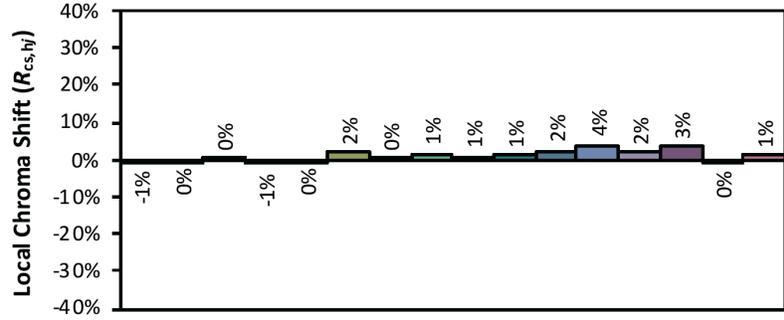
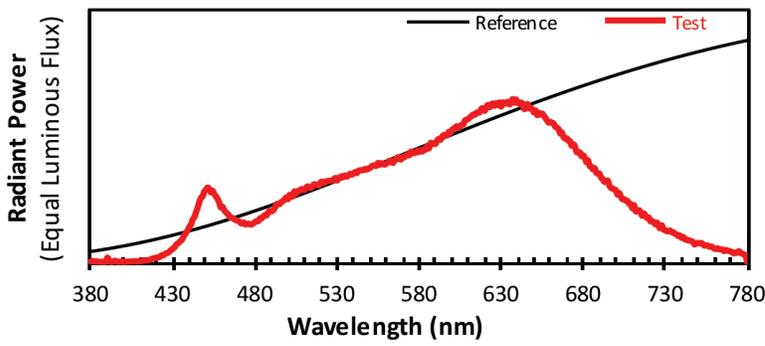
Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x 0.4377
 y 0.4013
 u' 0.2523
 v' 0.5204

CIE 13.3-1995 (CRI)	
R_a	91
R_g	55

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator v2.0.

Color Specification: TM-30 for Xicato XTM 3000K CRI 95

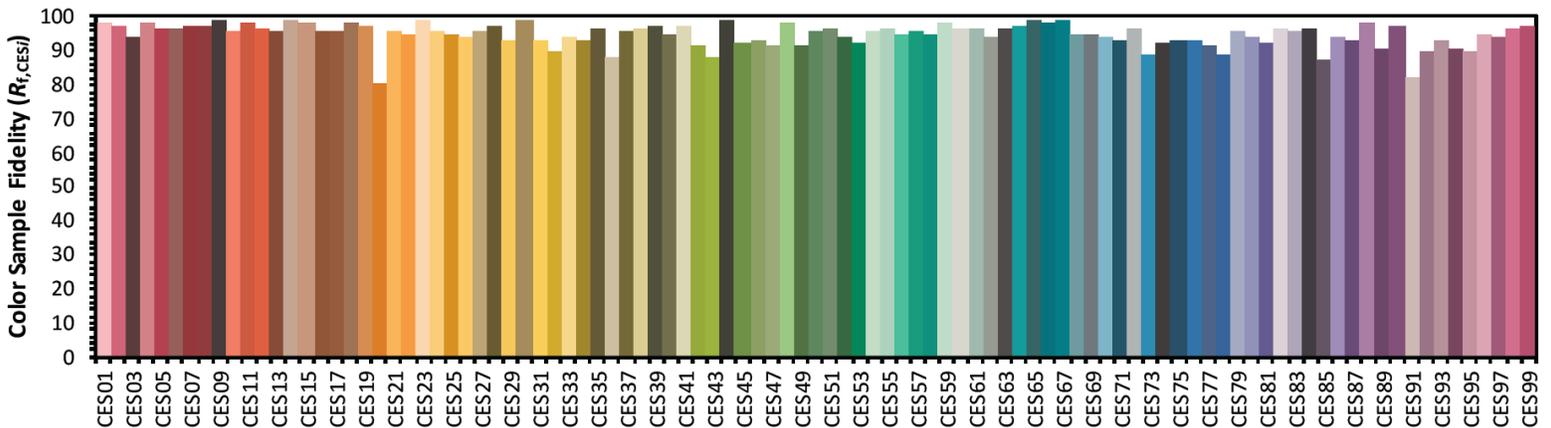
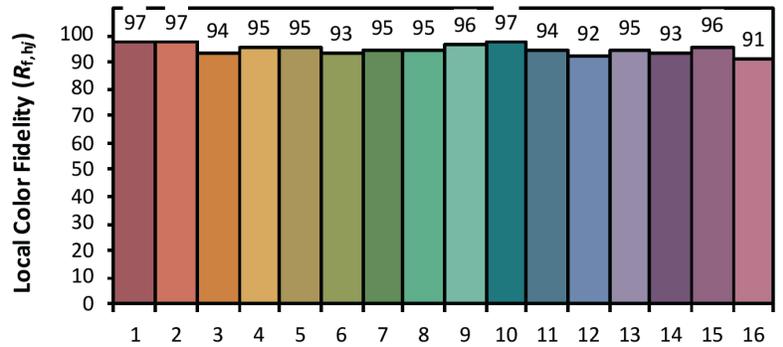
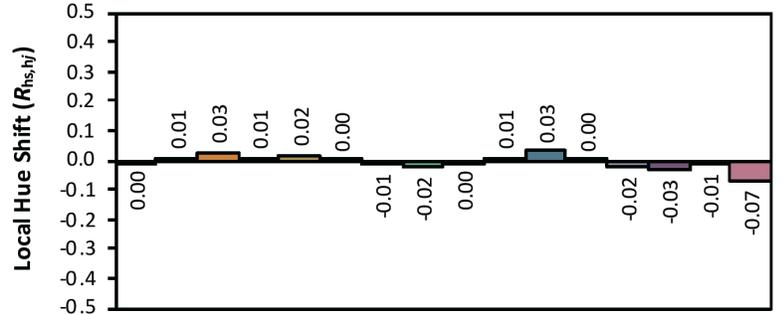
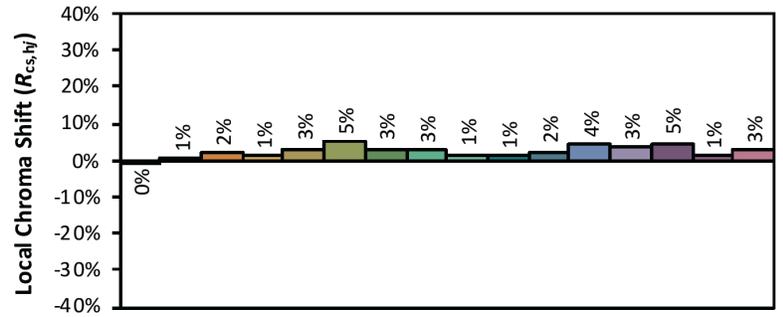
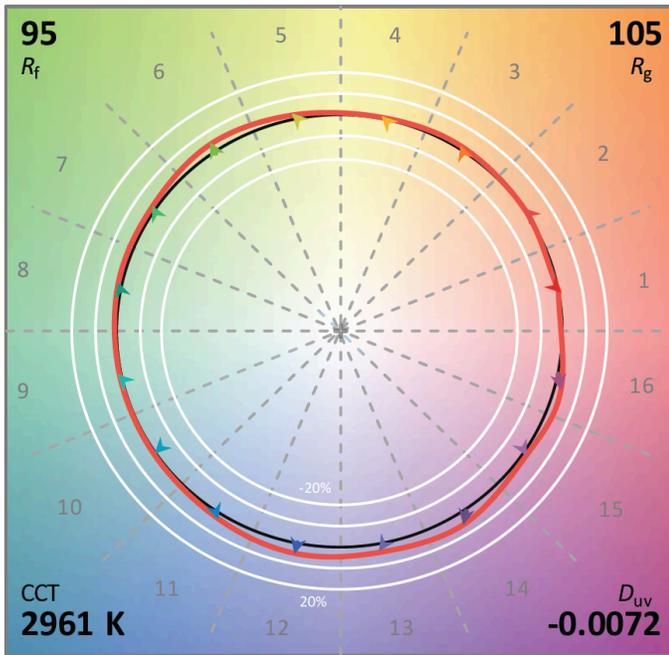
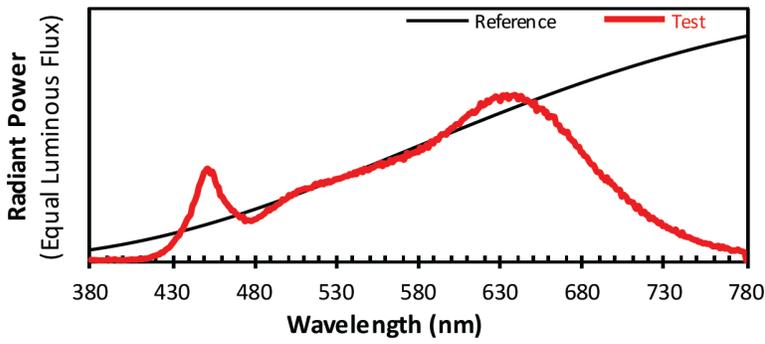


Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x **0.4359**
 y **0.3990**
 u' **0.2521**
 v' **0.5192**

CIE 13.3-1995 (CRI)	
R _a	98
R _g	94

Color Specification: TM-30 for Xicato XTM 3000K CRI 95 Vibrant



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x **0.4293**
 y **0.3840**
 u' **0.2545**
 v' **0.5120**

CIE 13.3-1995	
(CRI)	
R _a	96
R _g	98

Colors are for visual orientation purposes only. Created with the IES TM-30-18 Calculator v2.0.