

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			
E6-WRA-L4X9030-30DW-E6XHBR-X10 (XDL E6 6" White Round Adaptive Downlight, 2450Lm, Xicato XTM, 90CRI, 3000K, 36 Degree White Reflector, Retrofit Driver Box, XAD 0-10V L4 Output)										
Model	Trim	Shape	Function	Output Level	LED	CRI	CCT	Optics	Reflector	
E6	XDL 6"	W White	R Round	A Adaptive (0° to 30°)	L2 1160 Lm	X Xicato XTM	90 90	27 2700K	25D 25 Degree	W Matte White
	B Black	S Square	W Wall Wash	L3 1700 Lm	95 95		30 3000K	36D 36 Degree	B Matte Black	
	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"	B Retrofit Driver Box	R Round	X10 0-10V Dim to 1%	L2 L2 Output	Blank	No Emergency			
	XTM	F New Construct Frame	S Square	XD2 DALI-2 Dim to 0.1%	L3 L3 Output	E5	Emergency 90min @ 5W			
	Housing	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

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

*All data based on 3000K CRI 90 36° Optics as baseline

**Estimated Value

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 CRI 95 36° Optics as baseline

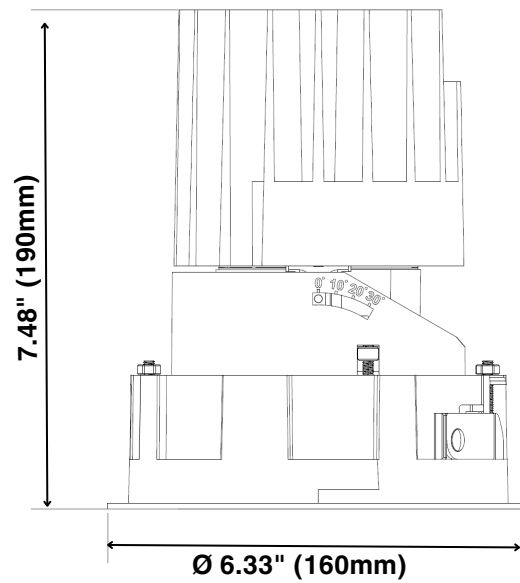
**Estimated Value

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 CRI 90/95 as baseline

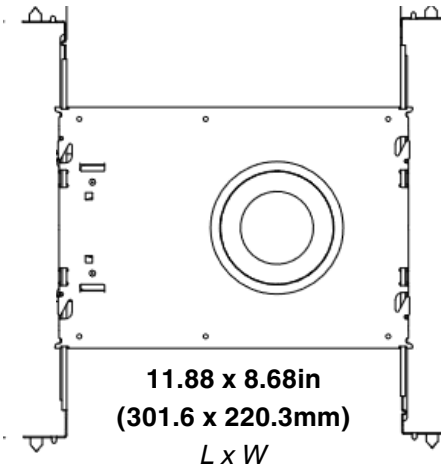
Emergency Battery Back-Up				
		Est. Output Level		
E6 XTM 90CRI		L2	L3	L4
E5	90min @ 5W	~44%	~29%	~20%
E9	90min @ 9W	~79%	~53%	~35%
E15	90min @ 15W	x	~88%	~59%
		Est. Output Level		
E6 XTM 95CRI		L2	L3	L4
E5	90min @ 5W	~44%	~29%	~20%
E9	90min @ 9W	~79%	~53%	~35%
E15	90min @ 15W	x	~88%	~59%

Dimensional Drawings

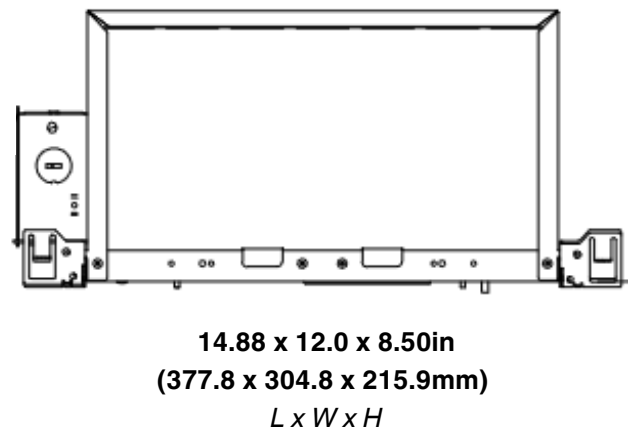


Other Dimensions

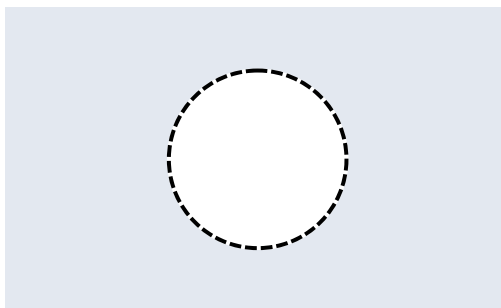
New Construction Frame



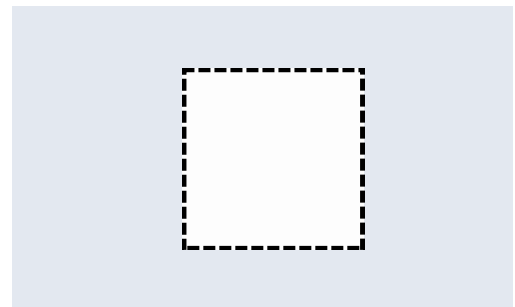
IC / ICAT / Chicago Plenum



Ceiling Cutout Dimension

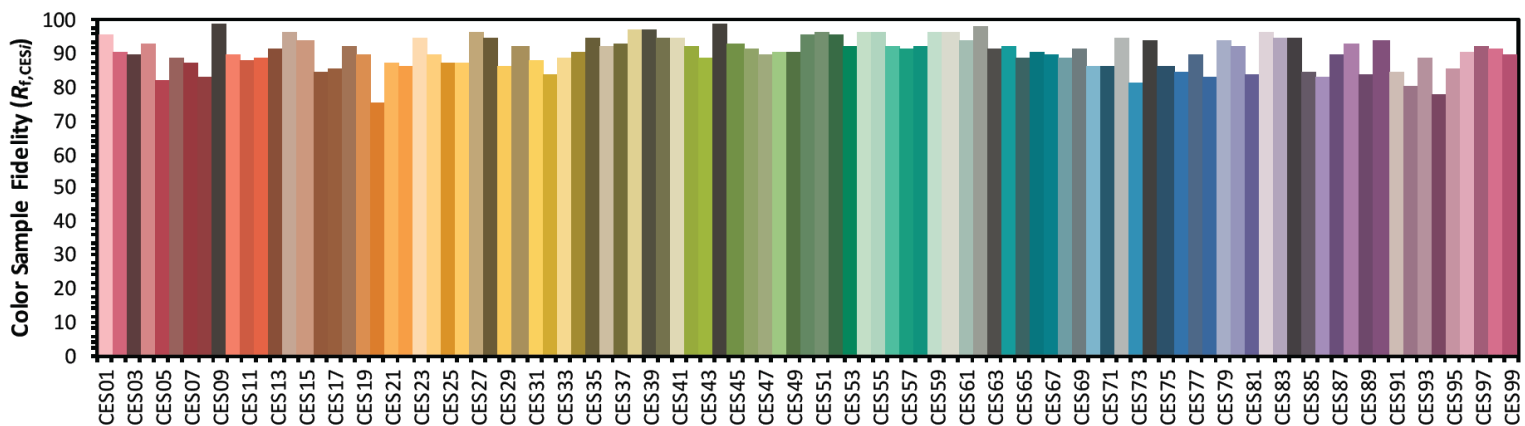
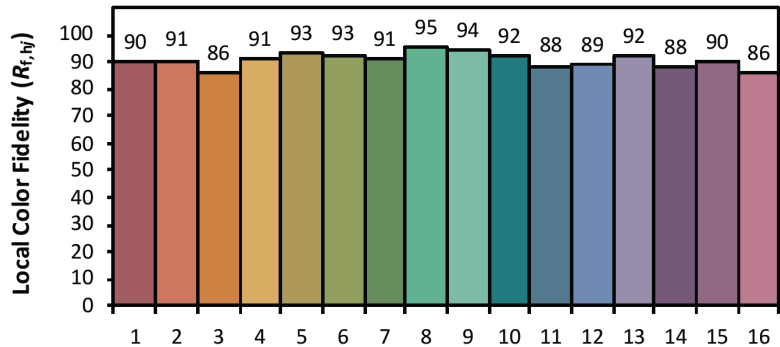
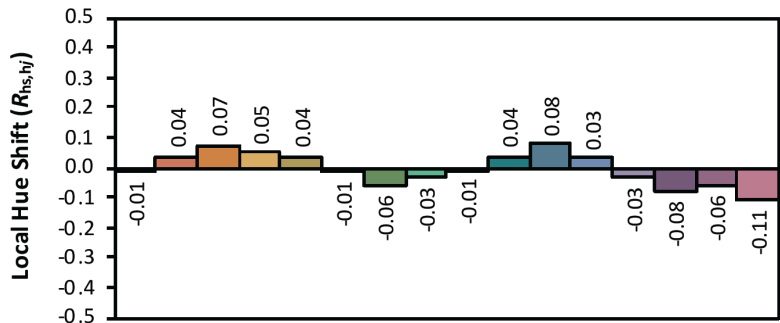
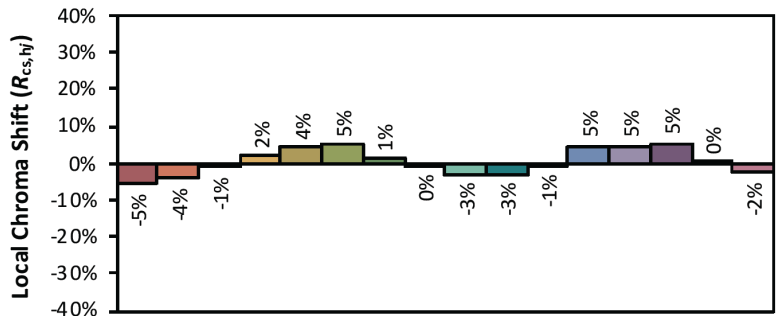
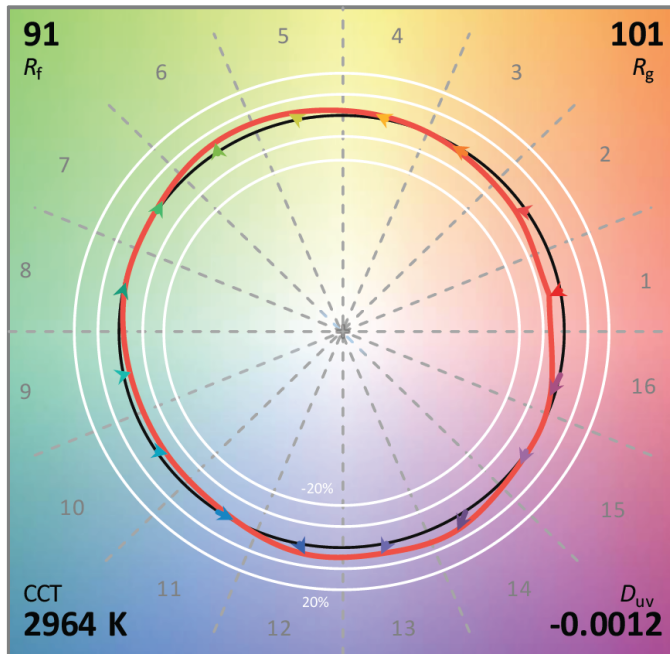
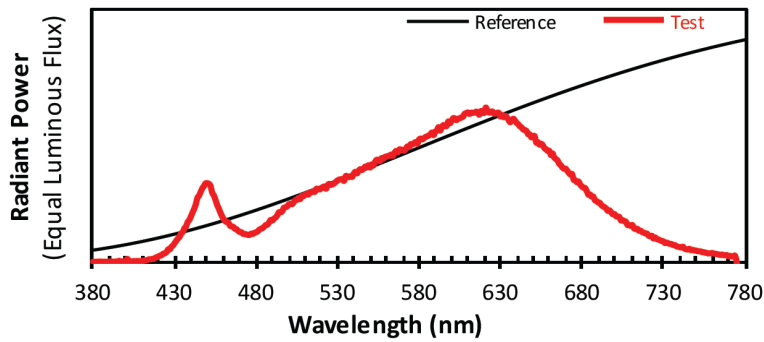


Round
Ø 5.91" (150mm)



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

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

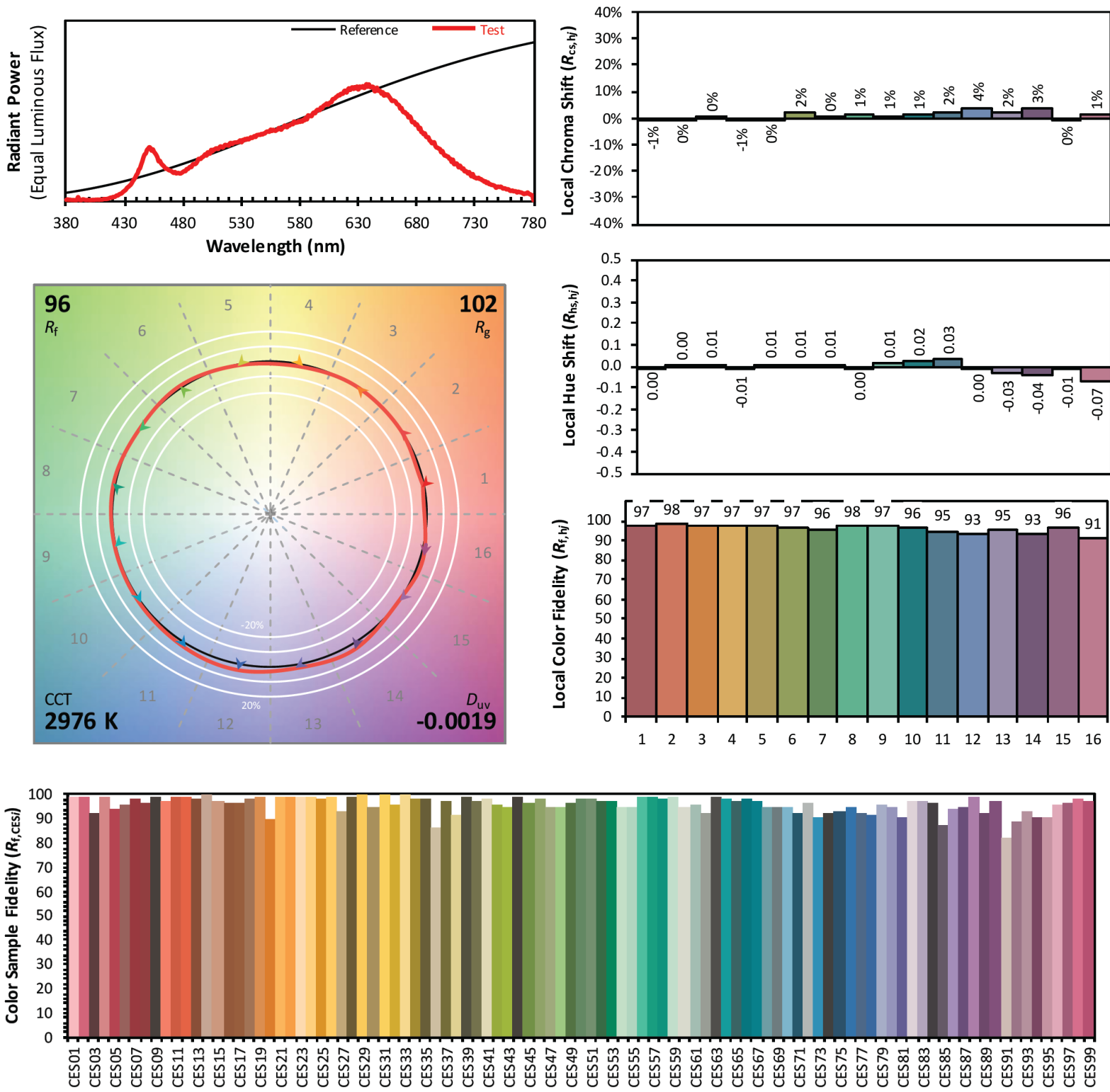


Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x 0.4377
y 0.4013
u' 0.2523
v' 0.5204

CIE 13.3-1995
(CRI)
R_a 91
R_g 55

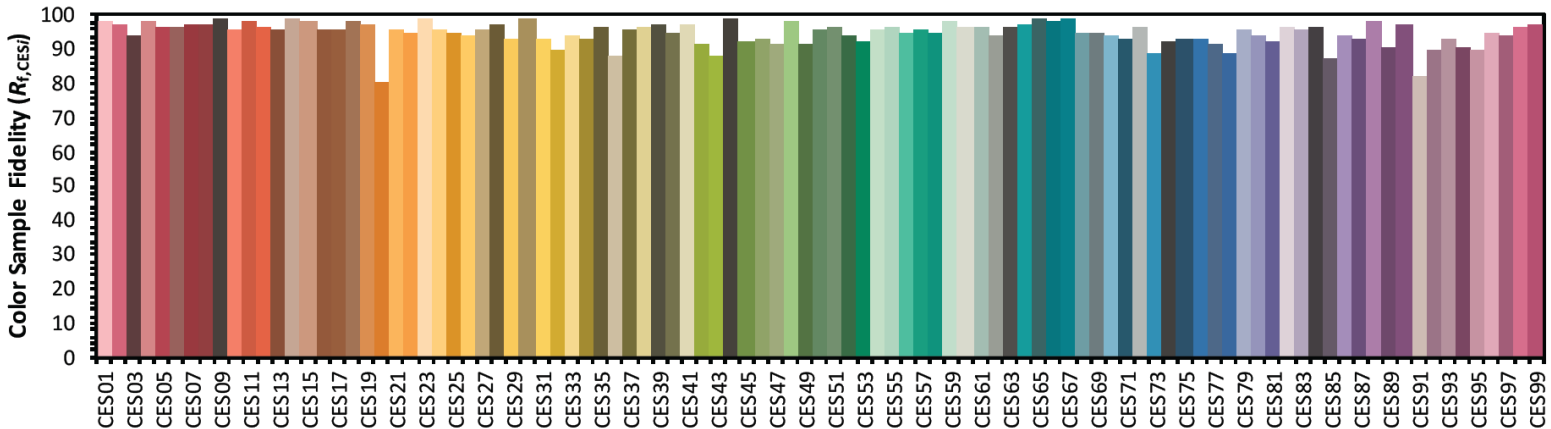
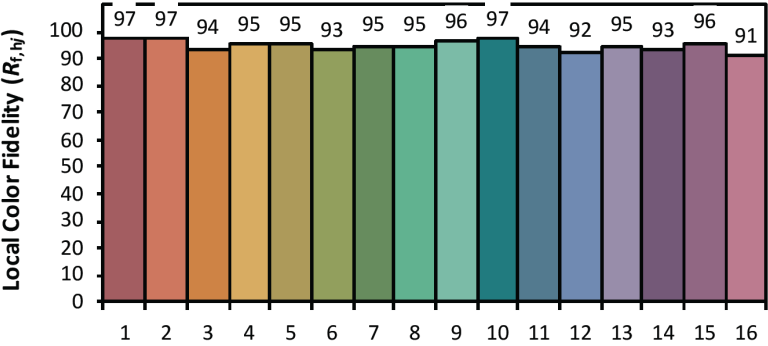
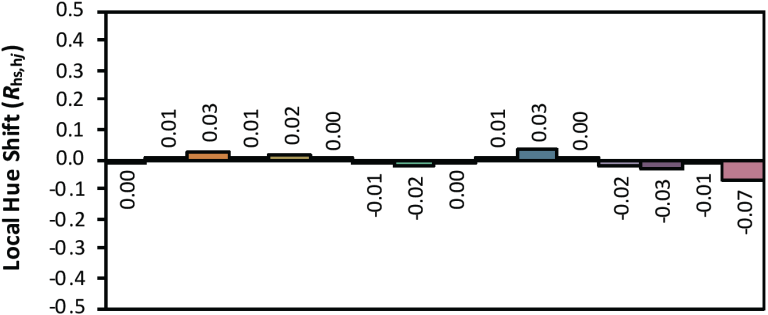
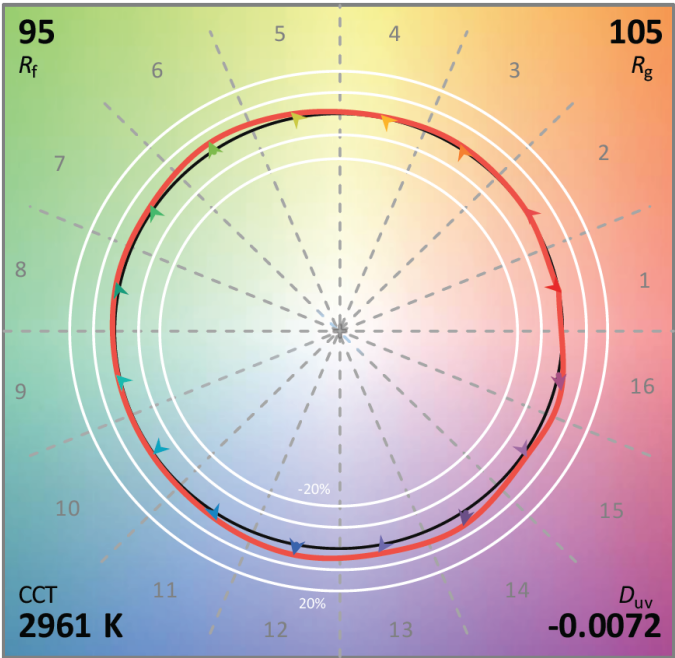
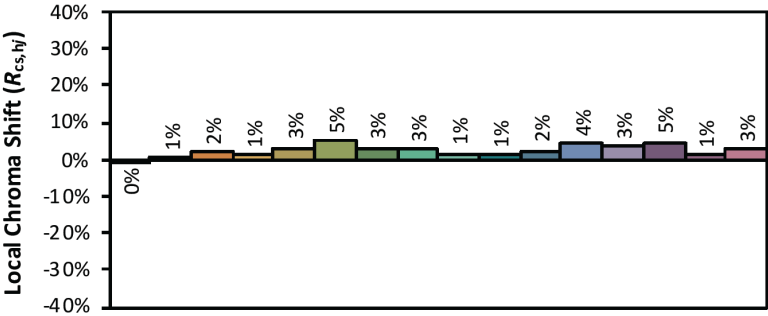
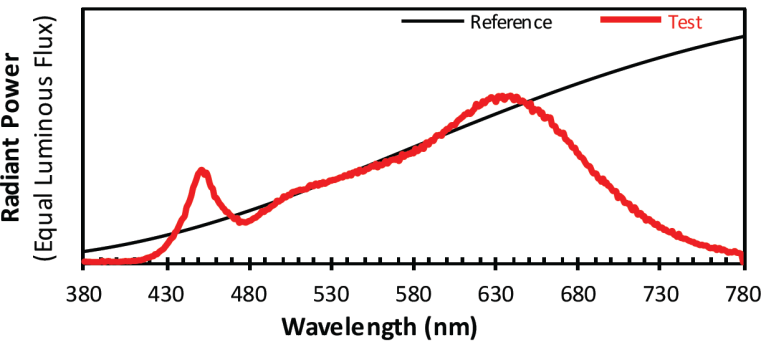
Color Specification: TM-30 for Xicato XTM 3000K CRI 95



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

x	0.4359	CIE 13.3-1995 (CRI) R_a 98 R_g 94	
y	0.3990		
u'	0.2521		
v'	0.5192		

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