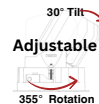
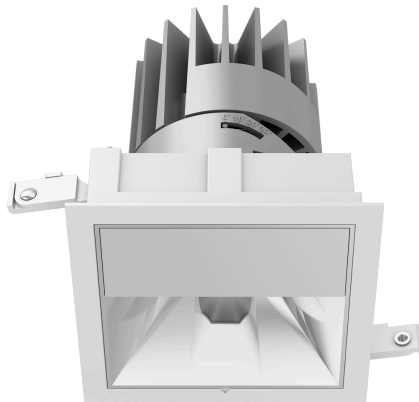


XDL E4

PRODUCT SPECIFICATION

Adaptive Directional | Wall Wash | Fixed to 30° Tilt



Product Features

- Industry leading 5 year warranty*
- Utilizes Xicato 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/Dimming - Emergency

EXAMPLE: E4-WRA-L29030-36DW-E4H-RX10 (XDL E4 4" White Round Adaptive Downlight, 1120Lm, 90CRI, 3000K, 36 Degree White Reflector, Retrofit Housing with XAD 0-10V Control)

Model	Trim	Shape	Function	Output	CRI	CCT
E4 XDL E4	W White	R Round	A Adaptive (0° to 30°)	L1 820 Lm	90 90	27 2700K
	B Black	S Square	W Wall Wash	L2 1120 Lm	95 95	30 3000K
	T Trimless			L3 1480 Lm	V9 ³ 95 Vibrant	35 3500K
				L4 2030 Lm		40 4000K
Optics	Reflector	Housing Size	Install Type	Dimming Control	Emergency Backup	
20D ¹ 20 Degree	W Matte White	E4H 4" Housing	R Retrofit	X10 0-10V Dim to 1%	Blank No Emergency	
25D 25 Degree	B Matte Black		NC New Construction	XD DALI-2 Dim to 0.1%	E7 Emergency 90min @ 7W	
36D 36 Degree	S Matte Silver		IC Insulated Ceiling Box	X10W 0-10V with Xmesh Dim to 0.1%	E12 Emergency 90min @ 12W	
50D 50 Degree	CB Chrome Black		ICAT IC Box Air Tight	XDW DALI-2 with Xmesh Dim to 0.1%	ECA Emergency 90min @ 10W CA Title 20	
36W ² Wall Wash	CS Chrome Silver					

Housings can be shipped separately from base downlight. EM includes remote test switch.

¹20D only available in L1 and L2
²36W only available for Wall Wash and only available in Matte Silver finish
³CRI 95 Vibrant only available in 3000K

*See Xicato 5 Year Limited Warranty
 **Down to 1% with 0-10V dimming

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, CRI 95 Vibrant: ≥95/90*
LED Color Consistency	Xicato XOB with 1x2 SDCM Color Consistency
LED Rated Life (L70)	>50,000Hrs
Optical	
Beam Angle	20 [°] **, 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)	Standard: 5.12 x 4.33in (130 x 100mm) Tall: 6.18 x 4.33in (157 x 100mm)
Net Weight	Standard: 1.81lb (820g); Tall Heatsink: 2.14lb (970g)
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	5 years Limited

*CRI 95 Vibrant only available in 3000K CCT

**20° Optics only available in L1 and L2 Output Levels

Performance and Efficacy*			
Model	Output (lm)	Power (W)	Efficacy (lm/W)
L1	825	11.3	73.0
L2	1120	15.2	73.7
L3	1480	16.5	89.7
L4	2030	23.7	85.6

*L1/L2 data based on 3000K CRI 90 25° Optics as baseline
L3/L4 data based on 3000K CRI 90 36° Optics as baseline

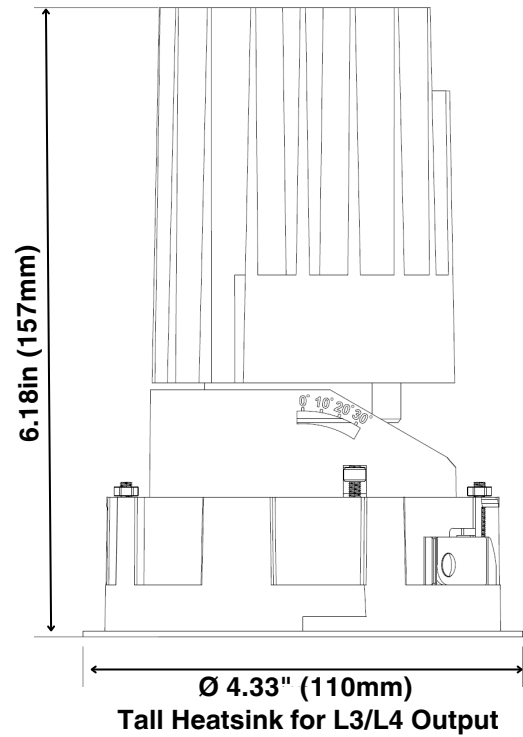
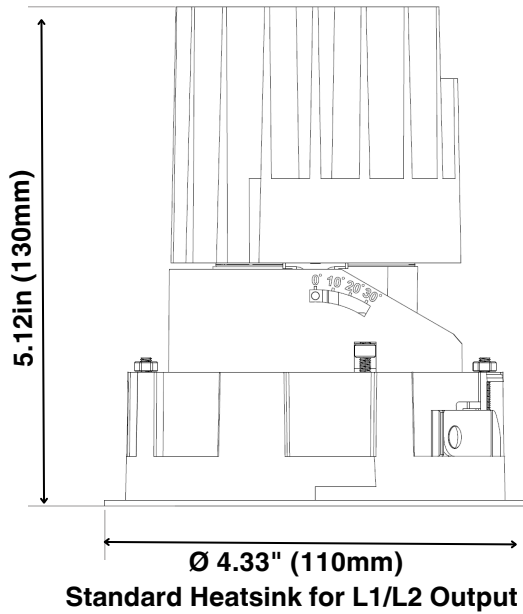
Lumen Conversion**		
CCT	CRI	Ratio
3000K	90	1
2700K	90	0.94
3500K	90	1.07
4000K	90	1.1
2700K	95	0.85
3000K	95	0.9
3500K	95	0.97
4000K	95	1
3000K	95 Vibrant	0.9

Output	Beam Angle	Ratio
L1/L2	20°	0.89
L1/L2	25°	1
L1/L2	36°	0.93
L1/L2	50°	0.91
L3/L4	25°	0.86
L3/L4	36°	1
L3/L4	50°	0.98

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

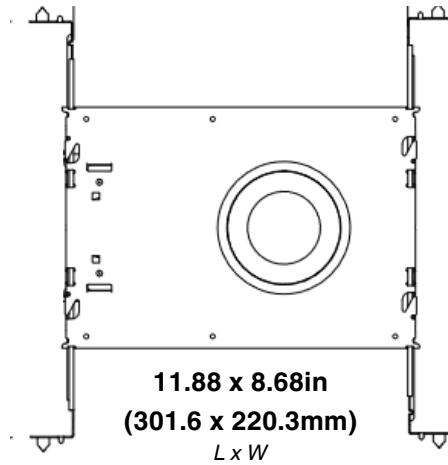
**All conversion based on 3000K CRI 90 Fixed as baseline

Dimensional Drawings

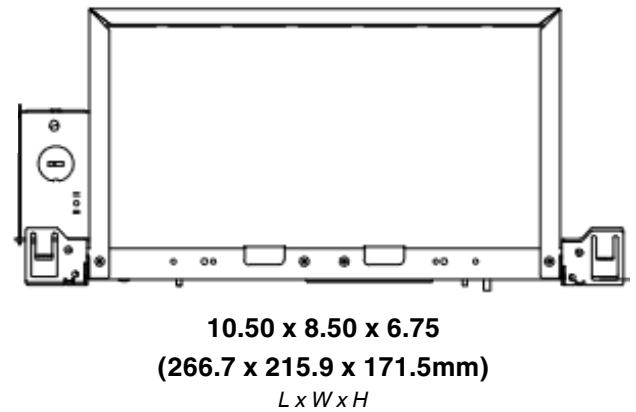


Other Dimensions

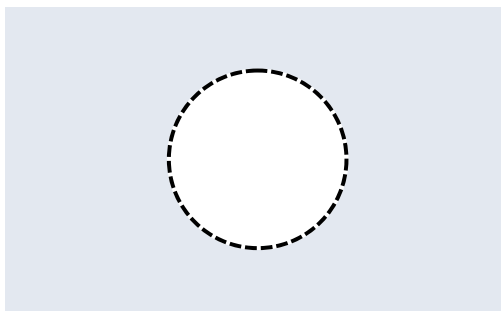
New Construction Plaster Plate



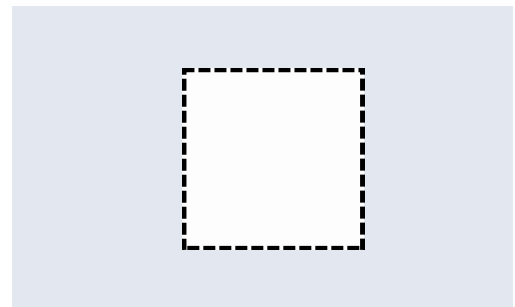
IC / ICAT / Chicago Plenum



Ceiling Cutout Dimension

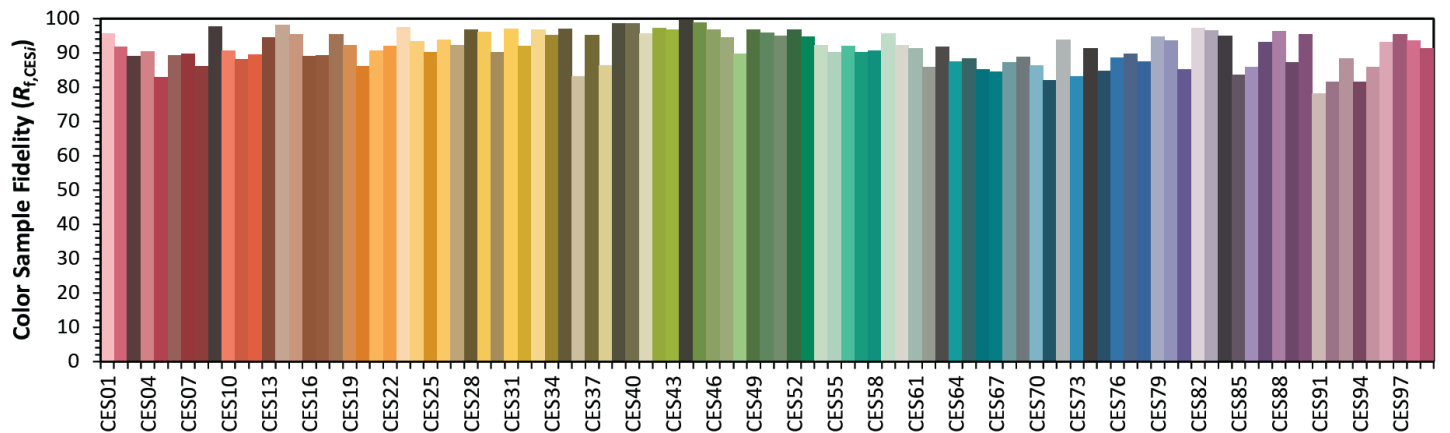
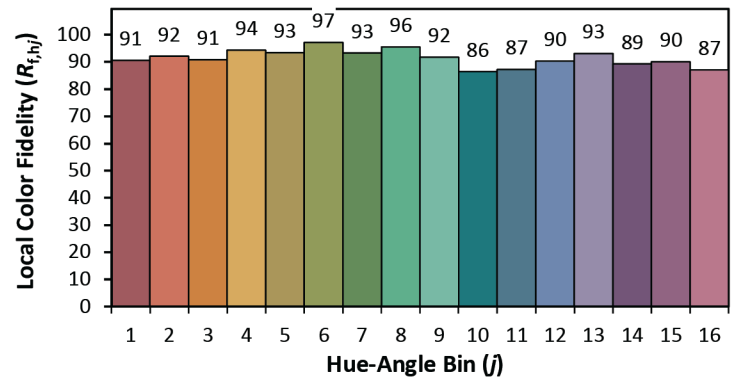
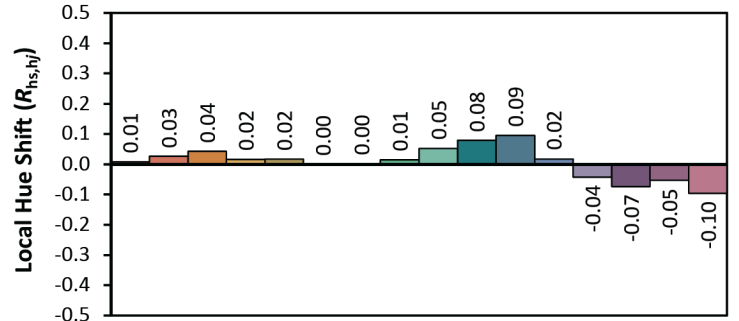
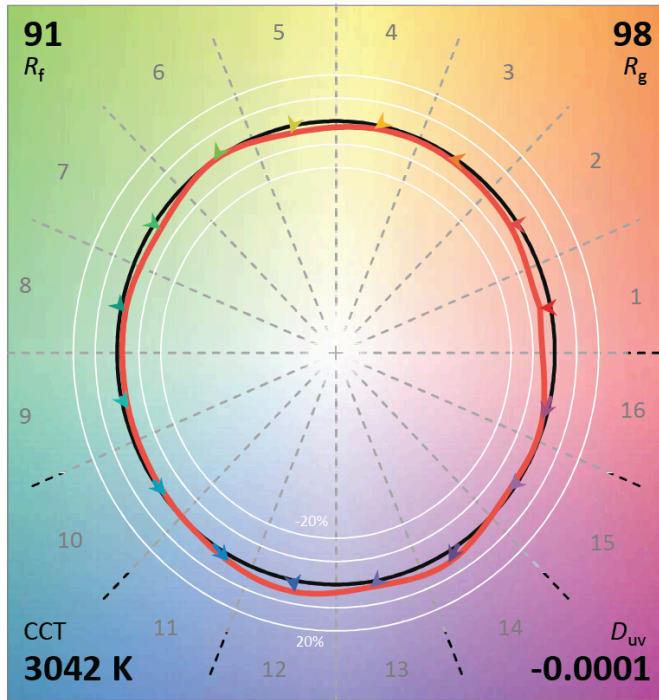
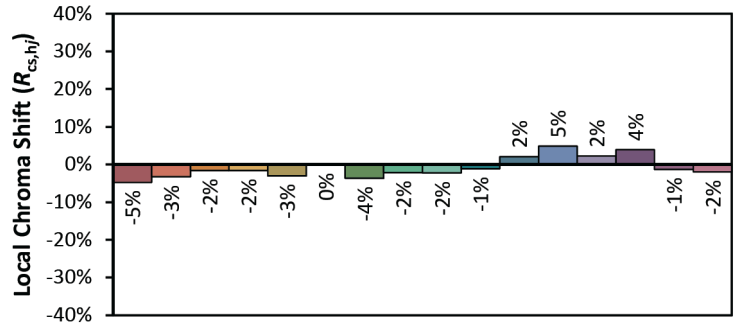
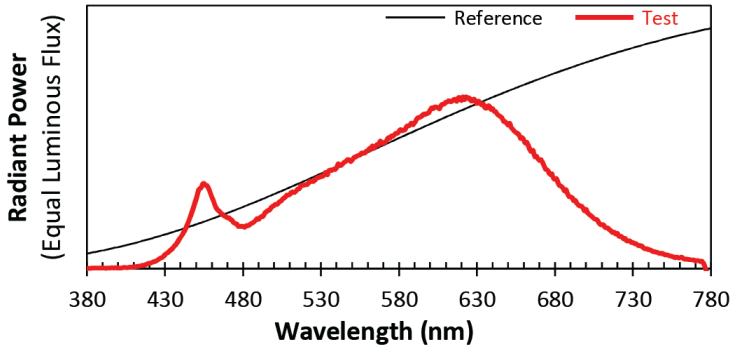


Round
Ø 3.94" (100mm)



Square
3.94" x 3.94" (100 x 100mm)

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



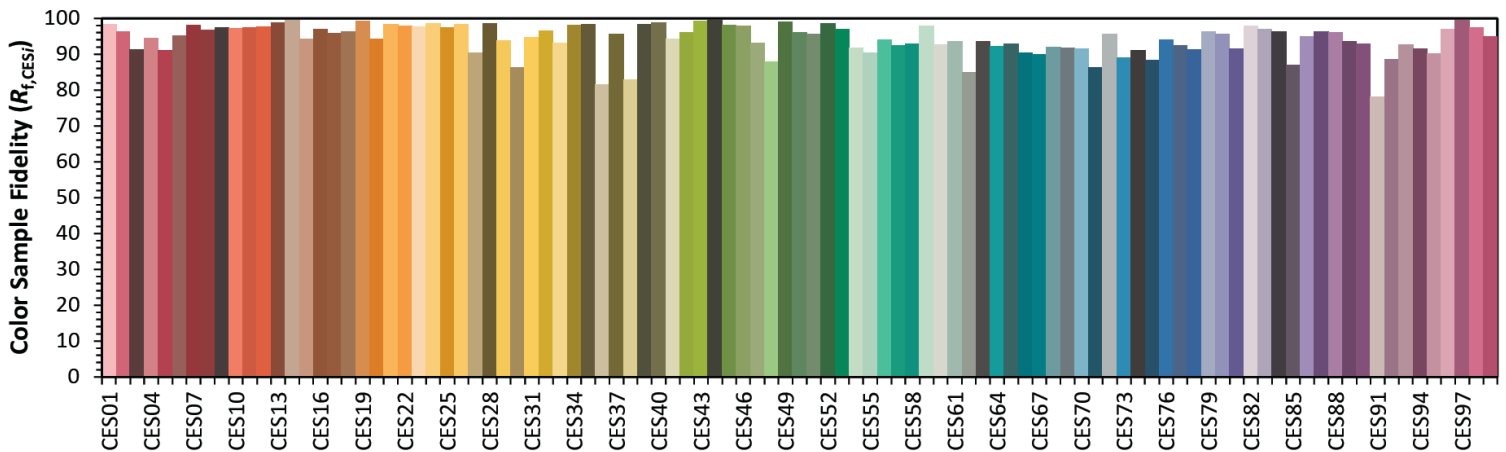
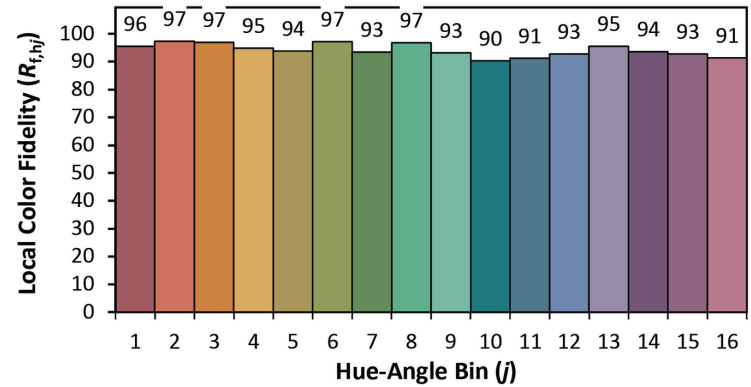
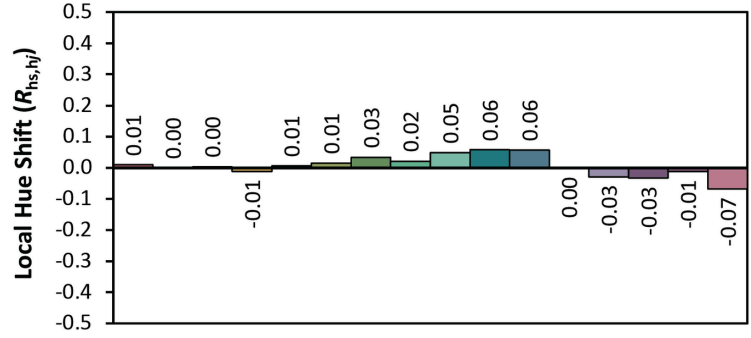
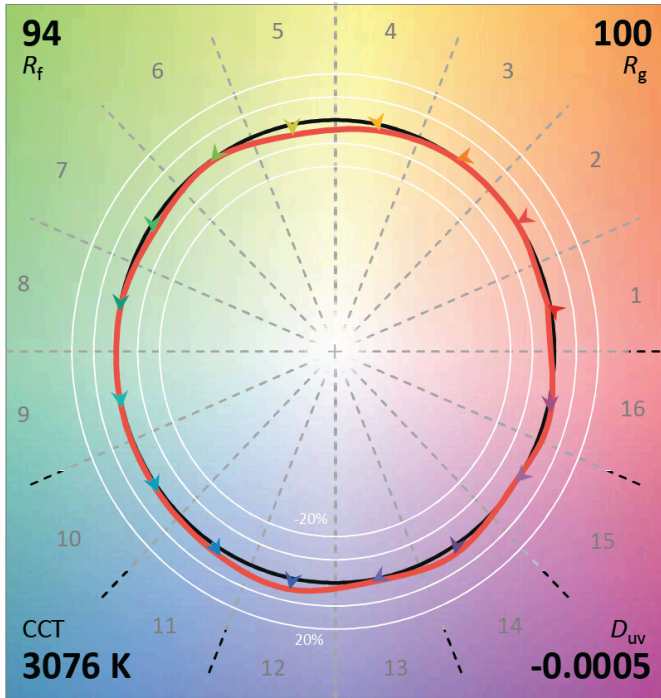
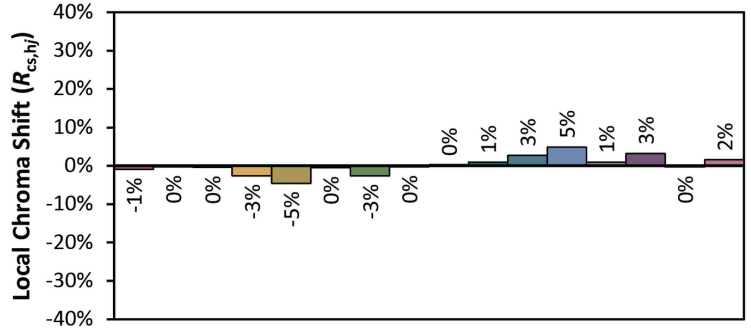
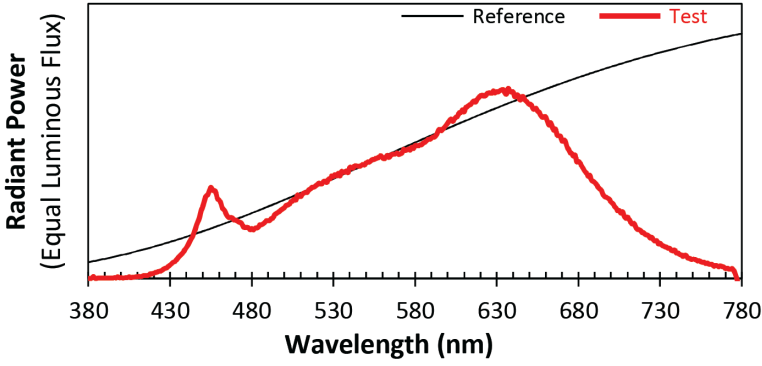
Notes: This is a recommended method for displaying IES TM-30-18 information.

x 0.4381
y 0.4043
u' 0.2512
v' 0.5216

CIE 13.3-1995 (CRI)	
R _a	93
R _g	64

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

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



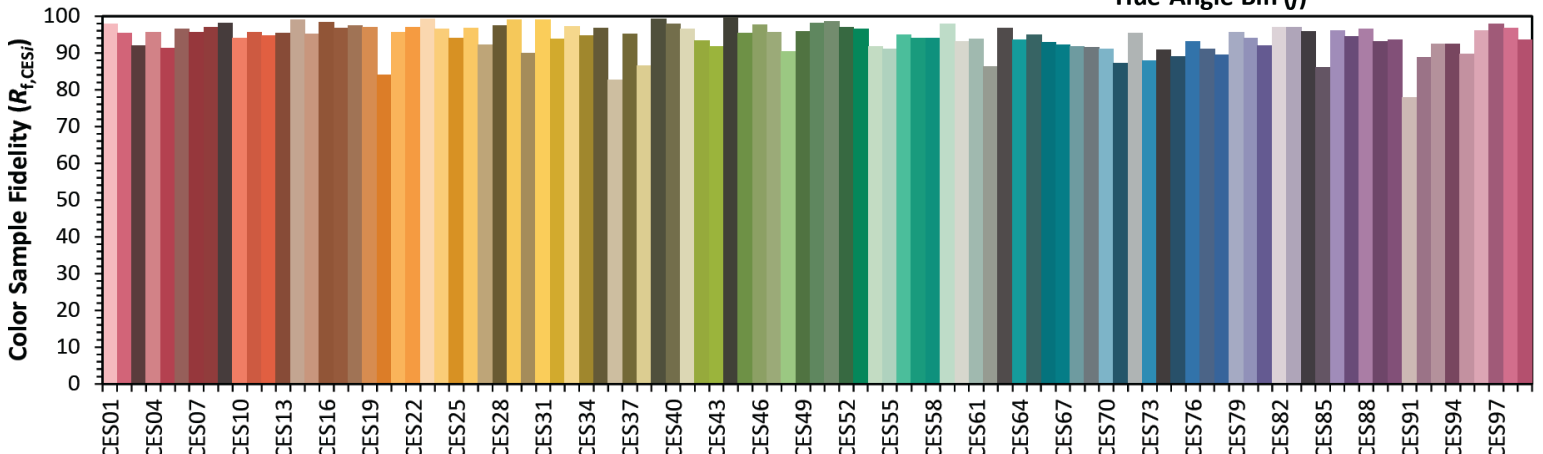
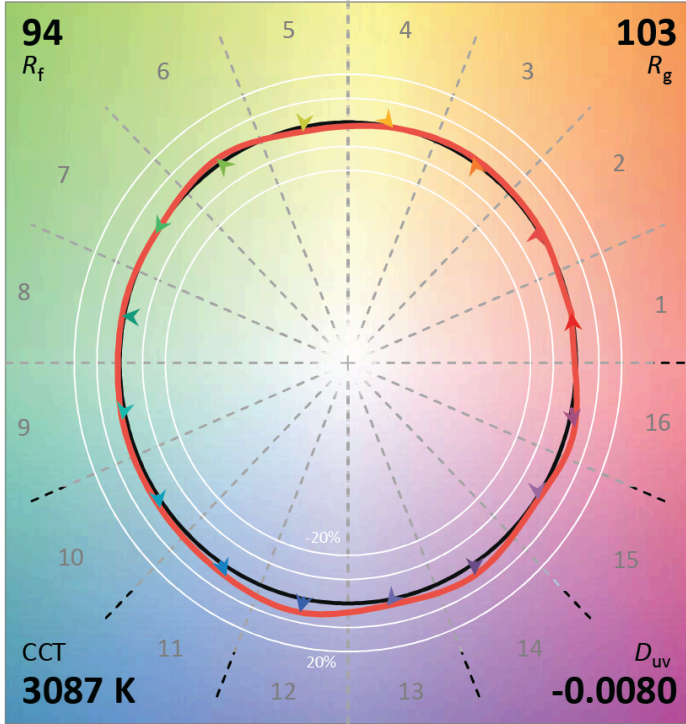
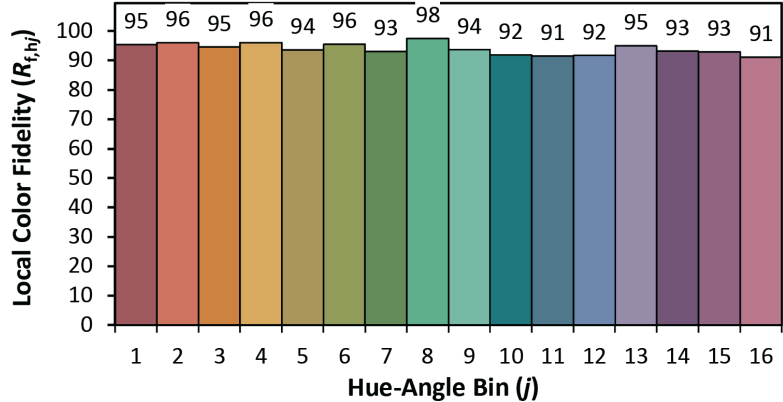
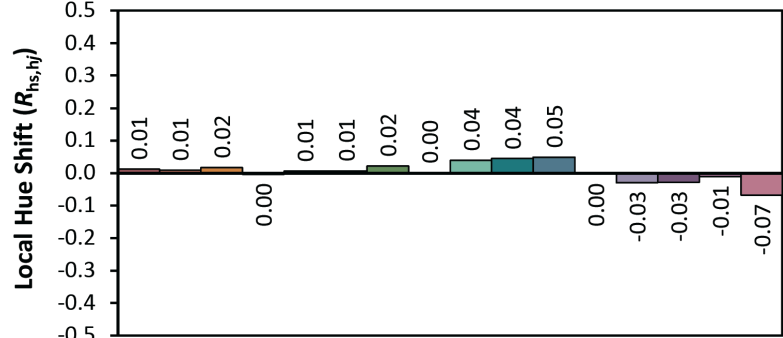
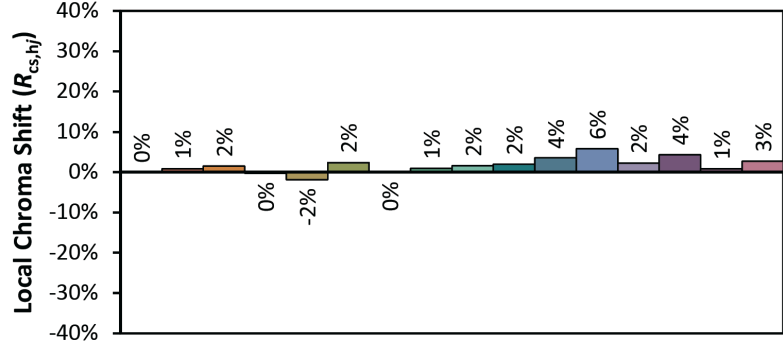
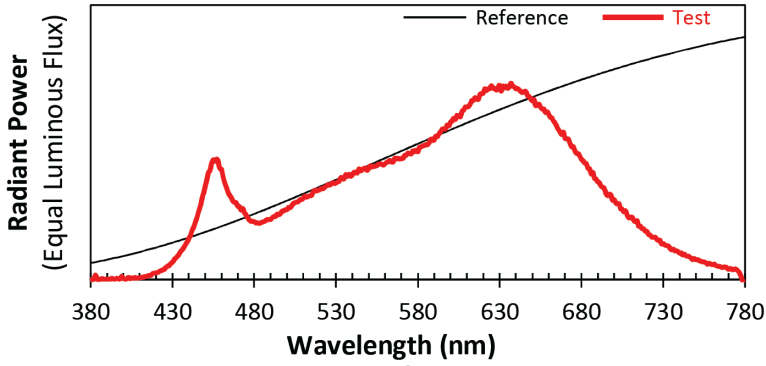
Notes: This is a recommended method for displaying IES TM-30-18 information.

x 0.4352
y 0.4022
u' 0.2502
v' 0.5204

CIE 13.3-1995 (CRI)	
R_a	98
R_g	95

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

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



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

x **0.4243**
 y **0.3803**
 u' **0.2527**
 v' **0.5097**

CIE 13.3-1995
 (CRI)
 R_a 95
 R_g 92

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