

XDL E4

Adaptive Directional | Wall Wash | Fixed to 30° Tilt

4in
100mm

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: E4-WRA-L29030-30DW-E4HBR-X10-L2 (XDL 4" White Round Adaptive Downlight, 1400Lm, 90CRI, 3000K, 30 Degree White Reflector, Retrofit Driver Box, XAD 0-10V, For L2) | | | | | | | | |
| Model | Trim | Shape | Function | Output Level | CRI | CCT | Optics | Reflector |
| E4 | W White B Black | R Round S Square | A Adaptive (0° to 30°) W Wall Wash | L1 1000 lm L2 1400 lm L3 1930 lm L4 2470 lm | 90 90 95 95 | 27 2700K 30 3000K 35 3500K 40 4000K | 20D ¹ 20 Degree 30D 30 Degree 40D 40 Degree 50D 50 Degree 60D ¹ 60 Degree 36W ² Wall Wash | W Matte White B Matte Black S Matte Silver CB Chrome Black CS Chrome Silver |
| E4W | XDL 4" Wet Rated | T Trimless | | | | | | |
| Housing Size | Install Type | Cutout Shape | Driver | Output Level (Housing) | Emergency Backup* | | | |
| E4H | B Retrofit Driver Box F New Construct Frame I Insulated Ceiling Box | R Round S Square Blank Retrofit or No Housing | X10 0-10V Dim to 1% XD2 DALI-2 Dim to 0.1% X10X 0-10V with Xmesh Dim to 0.1% XD2X DALI-2 with Xmesh Dim to 0.1% | L1 L1 Output L2 L2 Output L3 L3 Output L4 L4 Output | Blank No Emergency E5 Emergency 90min @ 5W E9 Emergency 90min @ 9W E15 Emergency 90min @ 15W *All CA Title 20 Compliant | | | |
| D4H | No Housing Blank No Housing | A Air Tight IC Box | | | | | | |

¹20D only available in L1/L2/L3; 60D only available in L4
²36W only for Wall Wash; Wall Wash only available in L1/L2 and in Matte Silver or White finishes
 Housings can be shipped separately from base downlight. EM includes remote test switch.
 *See Xicato 5 Year Limited Warranty

Technical Specifications

| Lighting | |
|----------------------------|--|
| LED | Xicato Gen 2 XOB S |
| CCT | 2700K, 3000K, 3500K, 4000K |
| Delivered Lumens | See Table |
| CRI/R9 | CRI 90: ≥90/50, CRI 95: ≥95/90 |
| LED Color Consistency | 1x2 SDCM Color Consistency |
| LED Rated Life (L70) | >50,000Hrs |
| Optical | |
| Beam Angle | 20°, 30°, 40°, 50°, 60°* |
| 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 L1/L2: 5.12 x 4.33in (130 x 110mm) Tall L3/L4: 6.18 x 4.33in (157 x 110mm) |
| Net Weight | Standard L1/L2: 1.81lb (820g); Tall L3/L4: 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, CA Title 24 JA8, RoHS |
| Environmental Rating | Damp Location Rated with Optional Wet Location Rating |
| Warranty | 5 years Limited |

*20° only available in L1/L2/L3 Output; 60° only available in L4 Output

| Performance and Efficacy* | | | |
|---------------------------|-------------|-----------|-----------------|
| Model | Output (lm) | Power (W) | Efficacy (lm/W) |
| L1 | 1000 | 11 | 91 |
| L2 | 1400 | 15 | 93 |
| L3 | 1930 | 21 | 92 |
| L4 | 2470 | 29 | 85 |

*All data based on 3000K CRI 90 as baseline

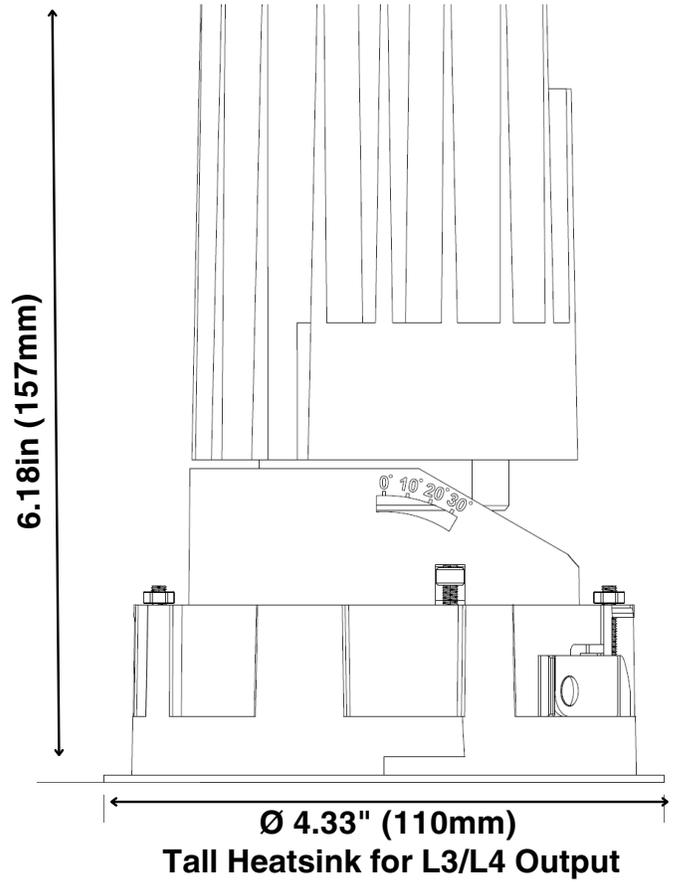
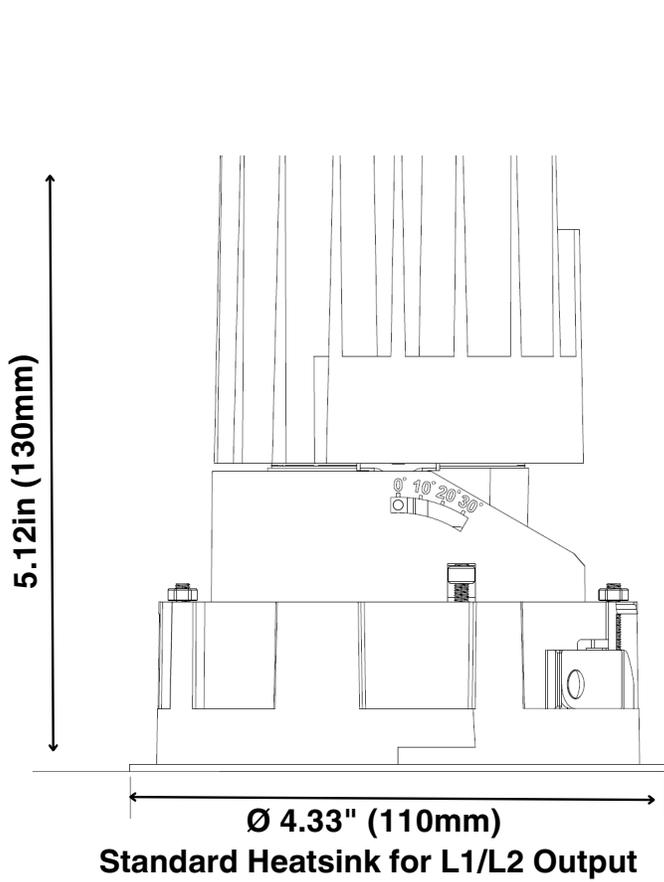
| Lumen Conversion** | | |
|---------------------------|------------|-------|
| CCT | CRI | Ratio |
| 3000K | 90 | 1 |
| 2700K | 90 | 0.95 |
| 3500K | 90 | 1.02 |
| 4000K | 90 | 1.03 |
| 2700K | 95 | 0.84 |
| 3000K | 95 | 0.89 |
| 3500K | 95 | 0.91 |
| 4000K | 95 | 0.92 |
| Output | Beam Angle | Ratio |
| L1/L2/L3 | 20° | 0.9 |
| L1/L2/L3 | 30° | 1 |
| L1/L2/L3 | 40° | 0.99 |
| L1/L2/L3 | 50° | 0.95 |
| L4 | 30° | 0.87 |
| L4 | 40° | 0.98 |
| L4 | 50° | 1 |
| L4 | 60° | 0.97 |
| Type | | Ratio |
| Adaptive (0° to 30° Tilt) | | 1 |
| Wall Wash | | 0.3 |

**Base for conversion: L1/L2/L3 based on 30°, L4 based on 50°

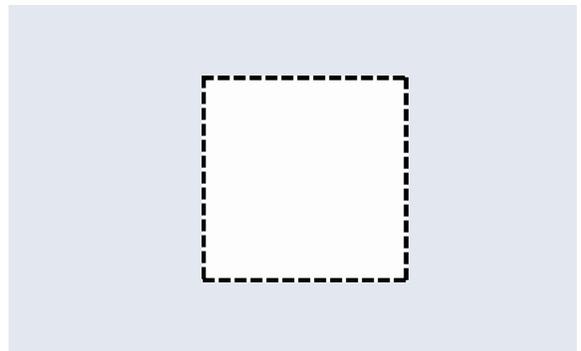
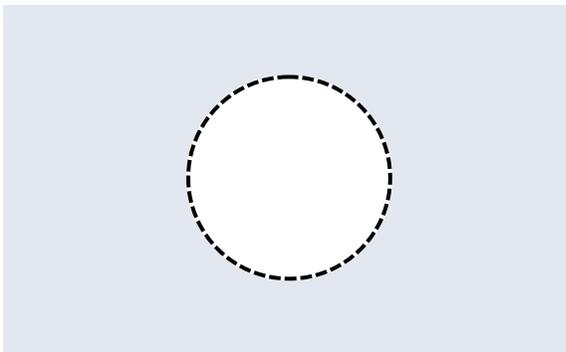
| Emergency Battery Back-Up | | | | | |
|---------------------------|-------------|-------------------|------|------|------|
| | | Est. Output Level | | | |
| Battery Option | | L1 | L2 | L3 | L4 |
| E5 | 90min @ 5W | ~59% | ~42% | ~29% | x |
| E9 | 90min @ 9W | x | ~76% | ~53% | ~38% |
| E15 | 90min @ 15W | x | x | ~88% | ~63% |

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

Dimensional Drawings

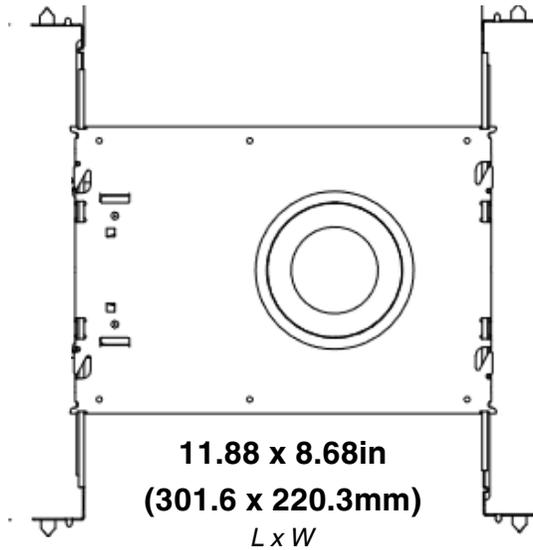


Ceiling Cutout Dimension

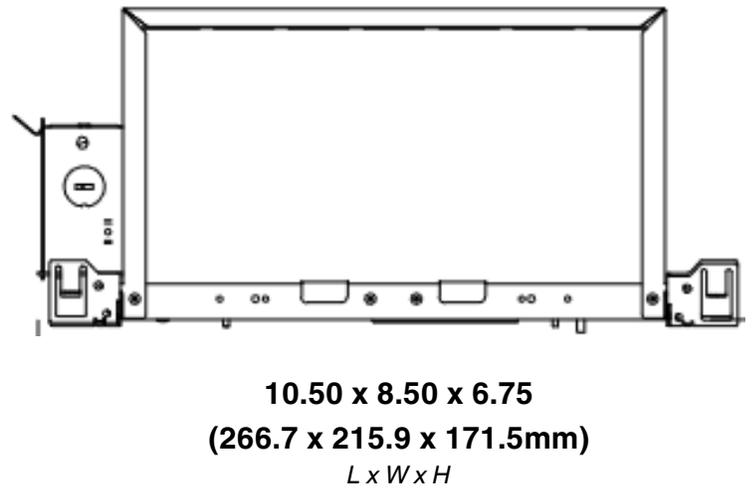


Other Dimensions

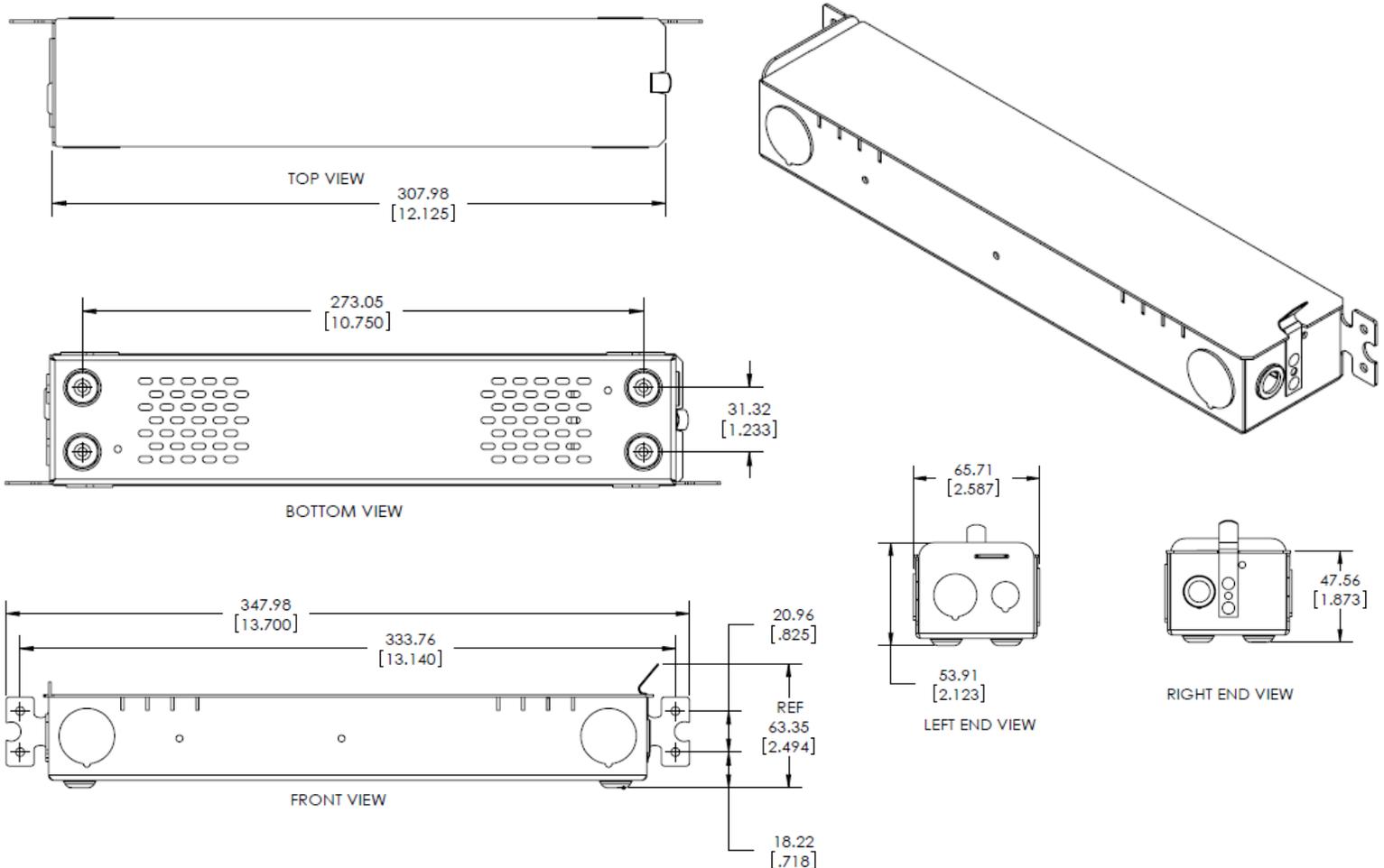
New Construction Frame



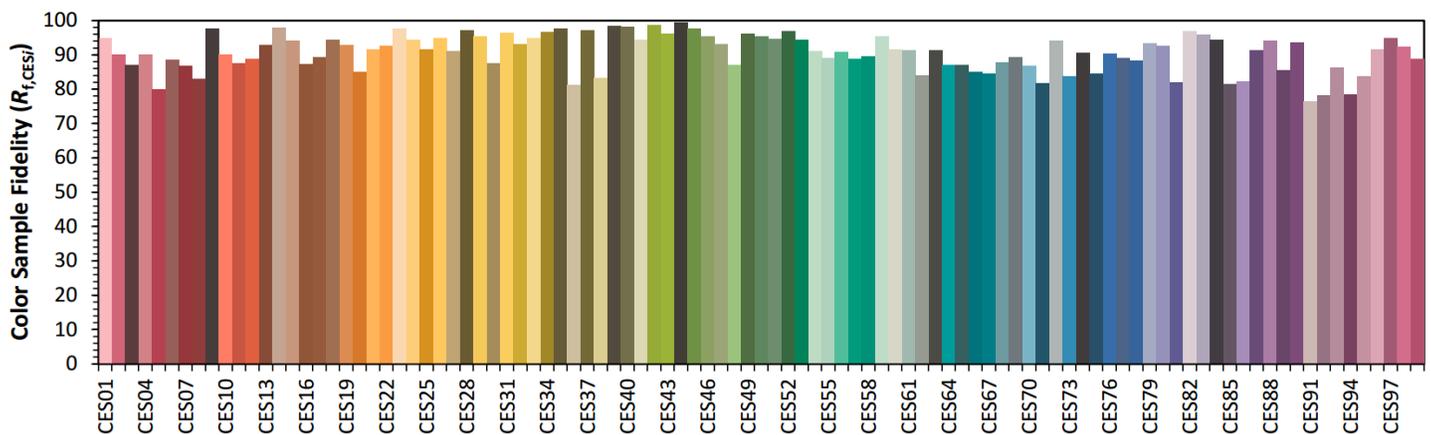
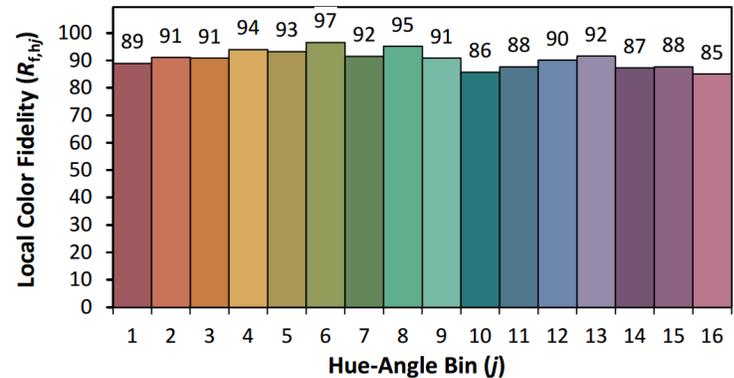
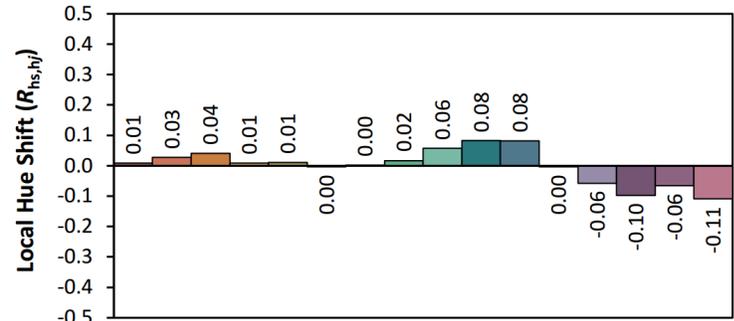
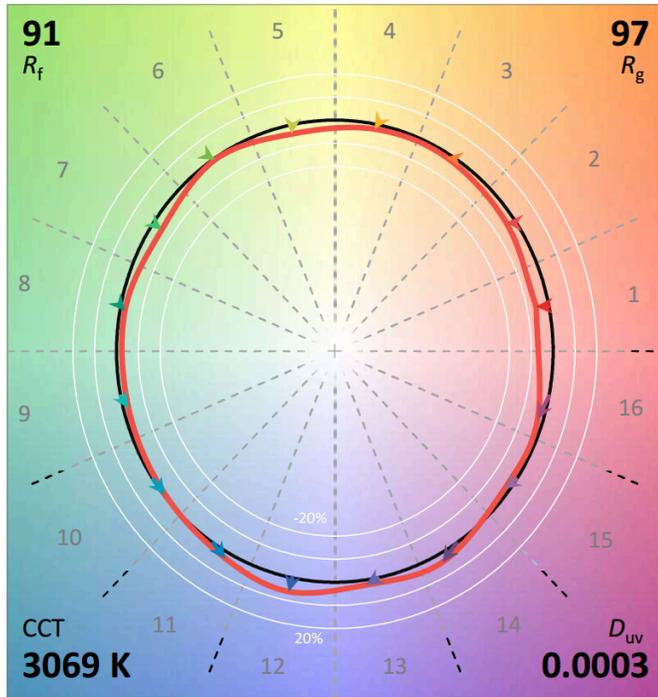
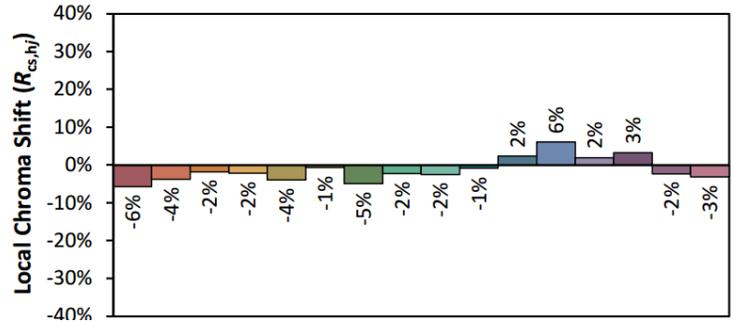
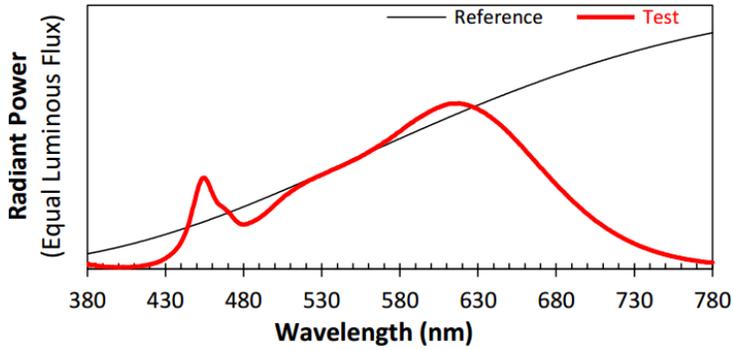
IC / ICAT / Chicago Plenum



Retrofit Driver Box



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



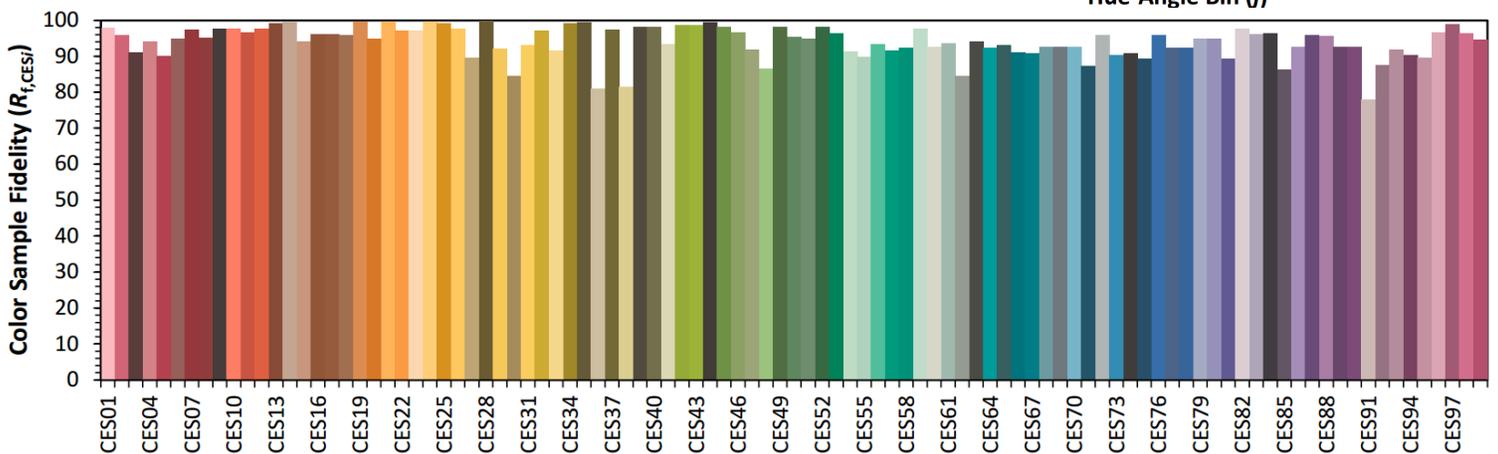
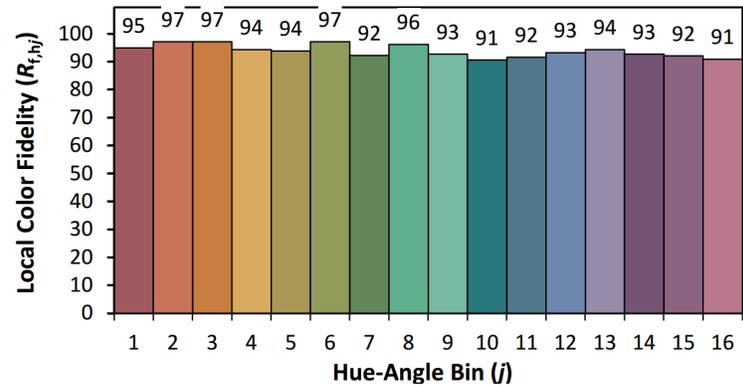
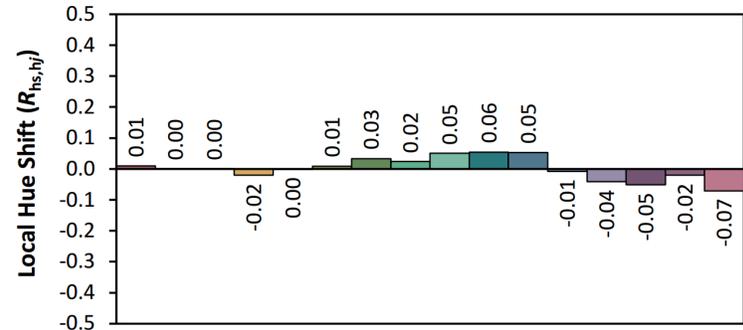
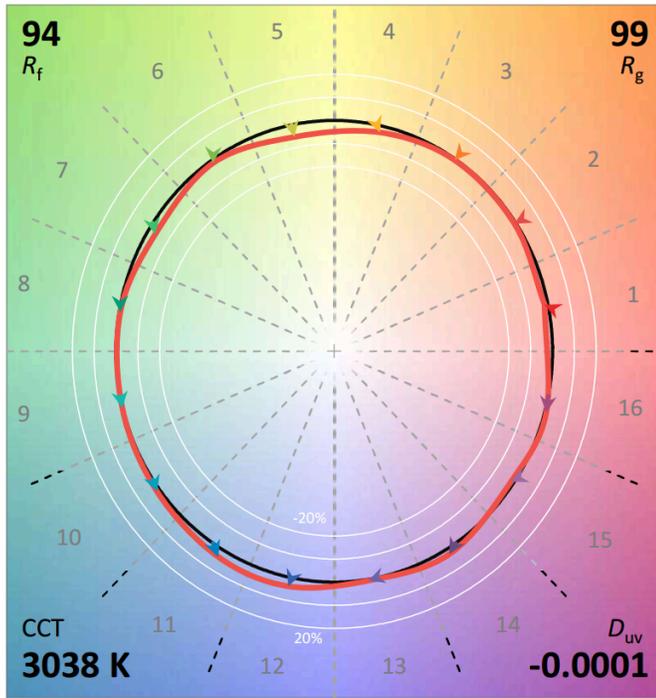
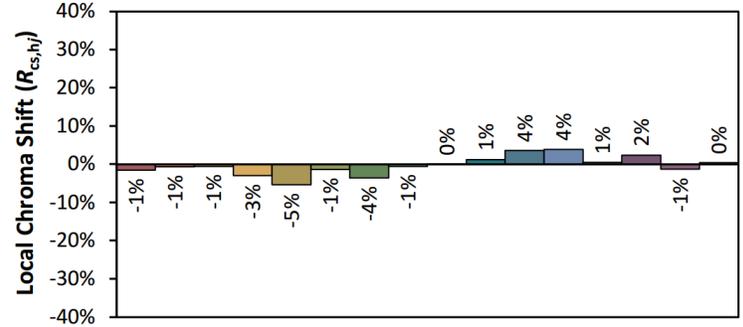
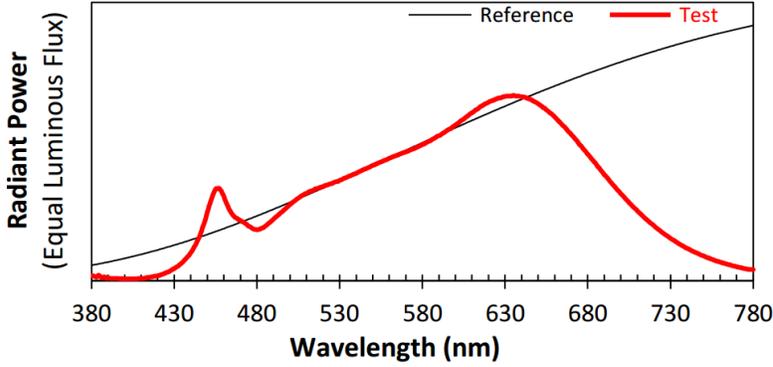
Notes: This is a recommended method for displaying IES TM-30-18 information.

x 0.4325
 y 0.4032
 u' 0.2481
 v' 0.5204

CIE 13.3-1995
 (CRI)
 R_a 92
 R_g 54

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

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



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

x 0.4341
 y 0.4028
 u' 0.2493
 v' 0.5205

CIE 13.3-1995
 (CRI)
 R_a 98
 R_g 89

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