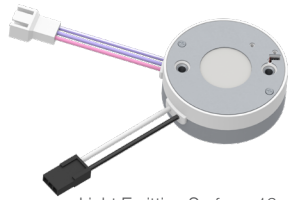


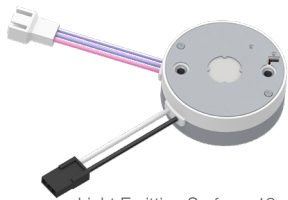
UNIVERSAL AC INPUT TUNABLE WHITE LED MODULES WITH TRI-MODE DIMMING (TRIAC, ELV, 0–10 V)

TWM1 (with Diffuser Lens)

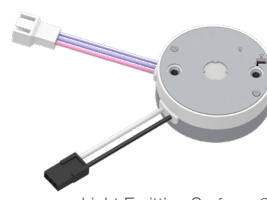
Diameter: 50 mm (1.97 in)
Height: 18.5 mm (0.71 in)



Light Emitting Surface: 19 mm



Light Emitting Surface: 12 mm



Light Emitting Surface: 9 mm

TWM2 (with Diffuser Lens)

Diameter: 65 mm (2.56 in)
Height: 20.5 mm (0.81 in)



Light Emitting Surface: 32 mm

		ENHANCED	PREMIUM
OPERATING MODES	Static White	√	√
	Tunable White (0–10 V)	√	√
	Warm Dim (Halogen, Incandescent, or Custom)	√	√
BLUETOOTH COMMISSIONING		-	With Programmer /
TRI-MODE DIMMING (TRIAC, ELV, 0–10 V)	Dimmable with TRIAC and ELV	100–1%	100–1%
	Dimmable with 0–10 V	100–1%	100–1%
	Dim to Off with 0–10 V	√	√
CCT TOLERANCE		2-Step (Typical)	2-Step (Typical)
90+ CRI		√	√

FEATURES

- Integrated AC to DC driver electronics (120 to 277 Vac, 50/60 Hz)
- 3 modes of operation: static white, tunable white, warm dim.
 - Static white (selectable CCT): 12 values of CCT.
 - CCT tunable white range: 1800–6500 K
 - Warm dim ranges:
 - 3050–1800 K (MR16 Halogen profile)
 - 2700–1800 K (Incandescent profile)
- Tri-mode™ Dimming (TRIAC, ELV, 0–10 V)
 - Dimming control: 0–10 V or TRIAC (100–1%)
 - CCT control: 0–10 V (100–1%)
 - Optional dim-to-off
- On board thermal foldback
- Front heat sink mounting

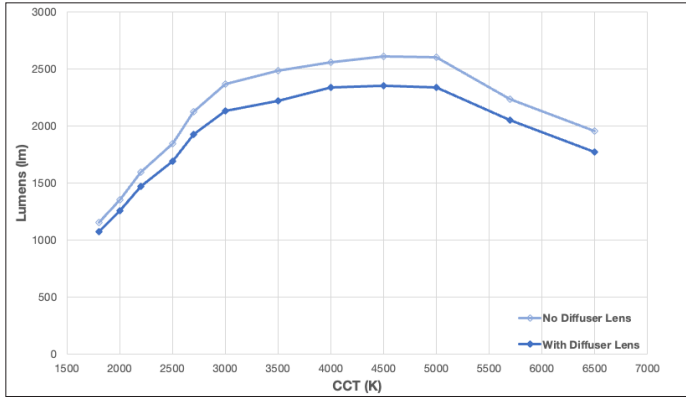
	TYPICAL SOURCE LUMENS (lm)	LES SIZE (mm)	CASE SIZE
TWM1	1200, 1400	9, 12, 19	Diameter: 50 mm (1.97 in.) Height: 18.5 mm (0.71 in.)
TWM2	1800, 2600	32	Diameter: 65 mm (2.56 in.) Height: 20.5 mm (0.81 in.)

- CRI: 90+
- Color consistency: SDCM < 3-step (2-step typical) MacAdam Ellipse
- Efficacy: > 95 lm/W
- Bluetooth LE commissioning with the ERP Tunable White app (iOS only)

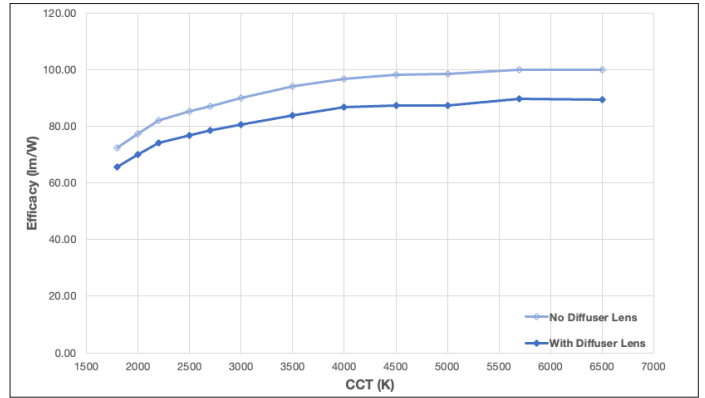
THE TWM DATA TELLS THE STORY

TYPICAL LUMEN AND COLOR PERFORMANCE DATA

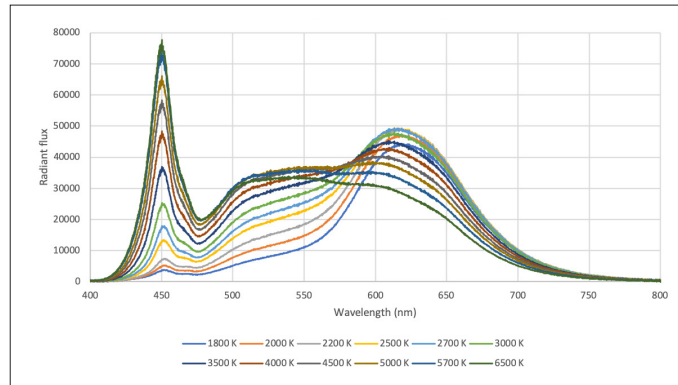
Typ. Lumen Output at Various CCT Points



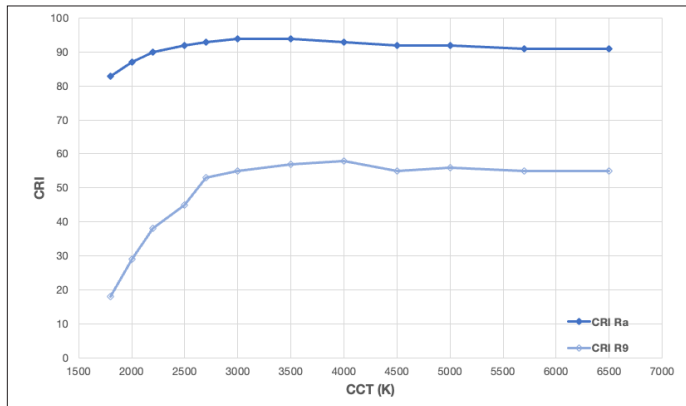
Typ. Efficacy (LPW) at Various CCT Points



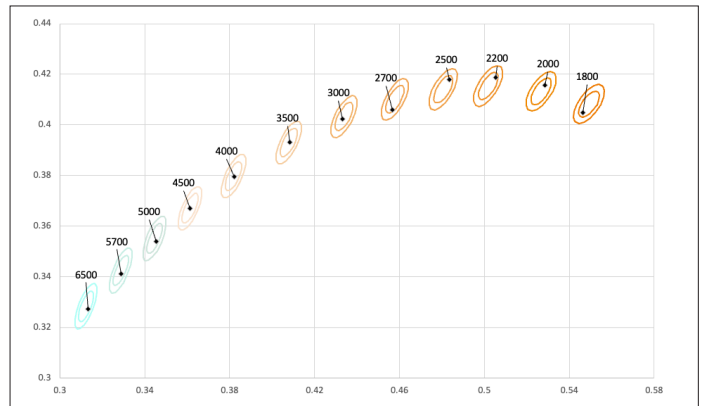
Spectral Power Data (SPD) at Various CCT Settings



CRI (Ra and R9) at Various CCT Points



12 Selectable CCT Points in the CIE 1931 Color Space



For additional color and performance data, please refer to www.erp-power.com. Specifications may be subject to change without notice.