

Exceptional Light Quality



HEALTHY SPECTRUM RECESSED DOWNLIGHT

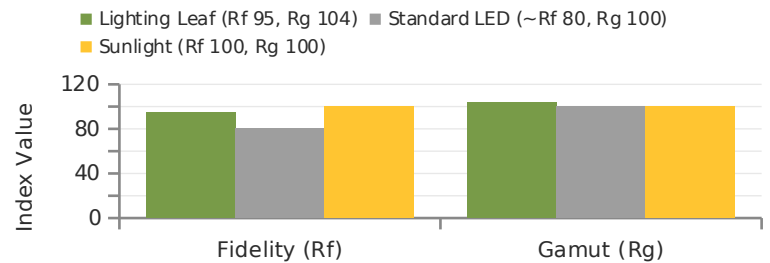


Introducing a premium 4-inch low-voltage downlight with a sleek 1.14" profile. This fixture features IC-rated, air-tight, sealed housing. Choose between a warm 3000K fixed-color option or the tunable-white variant for complete control on a single 24VDC system.

Sun-Like LED. True-to-Life lighting.

Enhanced health and biological benefits: Light technology designed for a more natural-sunlight experience — a healthier alternative to the negative effects of low-quality lighting (fatigue, eyestrain, headaches, insomnia).

Lighting Quality Comparison (TM-30 / CRI)



CRI 95+ R9 90+
Healthy Spectrum Light

CRI (Ra) = 94.7
Avg Ri (R1-R15) = 93.0
TM-30 Rf (Fidelity) = 95
TM-30 Rg (Gamut) = 104

THE DIFFERENCE YOU CAN SEE

COLOR PERFECTED * POWER OPTIMIZED

IES TM-30: Reference-level color quality evaluation.

UL 2108: High-efficiency low-voltage DC lighting ecosystem.

SUN-LIKE LIGHT	TWO LIGHT OPTIONS	SLIM TRIM PROFILE	SAFE & COMPLIANT	FLICKER-FREE DIMMING	LOW-VOLTAGE 24VDC
Full spectrum LED. CRI 95+. R9 90+.	3000K fixed or tunable 2700-6000K.	1.14" trim depth. No housing needed.	UL 2108. IC-rated. Air-tight. Code-ready.	Theater-grade dim, 100% to soft glow.	Cooler, longer life. Safer at the ceiling.

ORDER CODES

MT-CLR942420

4" 3000K • 9W • 785 lm • 24VDC Downlight

MT-CLR1042420

4" Tunable White • 10W • 928 lm • 24VDC Downlight

Specifications

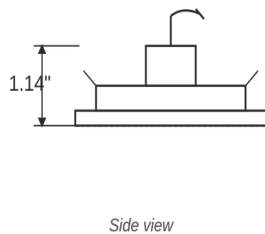
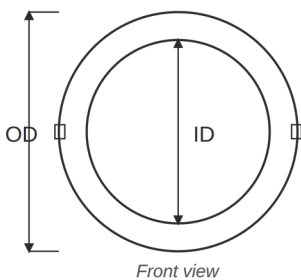


SIDE-BY-SIDE SPEC COMPARISON

	MT-CLR942420 <i>3000K Fixed Warm</i>	MT-CLR1042420 <i>Tunable White</i>
Aperture	4 inch	4 inch
Input Voltage	24V DC	24V DC
Power	9 Watts	10 Watts
Color Temperature	3000K (fixed)	2700K – 6000K
Lumen Output	785 lm	928 lm
CRI / R9	95+ / 90+	95+ / 90+
Beam Angle	120°	120°
Dimming	PWM via LL CTRL	PWM via LL CTRL
Ingress Protection	IP20	IP20
Type / Certification	UL 2108 • IC-Rated	UL 2108 • IC-Rated

Dimensions

PHYSICAL — IDENTICAL FOR BOTH MODELS



Outside Diameter (OD)	5.70"
Inside Diameter (ID)	4.00"
Depth	1.14"
Cut-Out	4.50" – 5.25"
Wire Lead	7.50"
Weight	5 oz

CENTRALIZED 24VDC SYSTEM

Driver lives at the power supply, not in the ceiling. The 24VDC system eliminates high-voltage at the fixture: cooler operation, longer fixture life, safer working voltage, and a cleaner ceiling install. A single low-voltage controller drives multiple fixtures with smooth, flicker-free dimming. **DO NOT CONNECT THE FIXTURE DIRECTLY TO HIGH-VOLTAGE.**