



MODEL NO. SMTRK4-SM

HALO

4-head track light



HALO DESCRIPTION

Integrated dual channel LED with adjustable, frosted glass, 4-head track light
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FEATURES

- Bi-Kelvin light engine (2700k to 5000k)
- Soft dimming and cct transitions
- Soft on/off
- Linear dimming curve, min 5%

PERFORMANCES

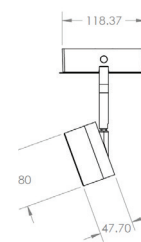
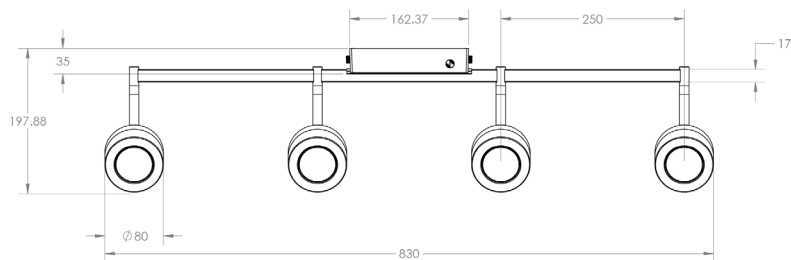
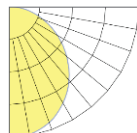
- Maximum delivered output up to 892 lm
- Efficacy 44 lm/w
- cct = 3850 (50% 2700k + 50% 5000k)
- Minimum cri = 87Ra
- 120vac, 20w

CERTIFICATIONS



OPTICS

120° Omni directional frosted glass



PHOTOMETRY

TEST CONDITIONS

- Temperature: 25.3°
- RH: 65.0%
- WL Range: 380nm-780nm
- IP: 52536 (80%)
- Test Mode: Fast Test T: 155 ms
- Delicacy: High

COLORIMETRIC QUANTITIES

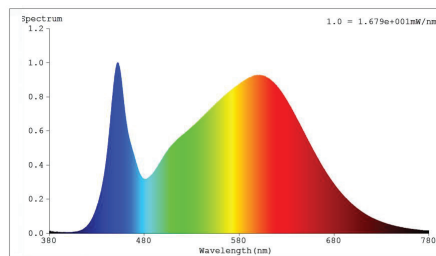
- Chromaticity Coordinate: $x = 0.3839$ $y = 0.3700$
- $u' = 0.2302$ $v' = 0.4991$ ($duv = -4.15e-03$)
- CCT= 3852K Prcp WL: Ld=610.2nm Purity=0.0%
- Peak WL: Lp=452nm FWHM: = 25.6nm Ratio:R=19.7%, G=76.4%, B=3.9%
- Render Index: Ra = 87.2

PHOTOMETRIC & RADIOMETRIC QUANTITIES

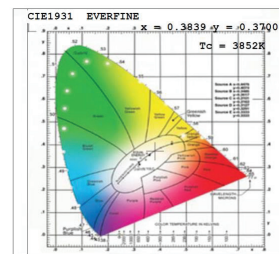
- Flux = 892.87 lm, Eff: 44.57 lm/W, Fe = 2.8635 W
- Flux of emitted photons(umol/s):13.563 Fluo. and blue light ratio:4.745
- Fluorescent eff.:64.93

ELECTRICAL PARAMETERS

- V = 120.7V, I = 0.3019A, P = 20.03W, PF = 0.5499



Spectral Distribution



CIE1931 Chromaticity Diagram



Smartika reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately 2017/02/02



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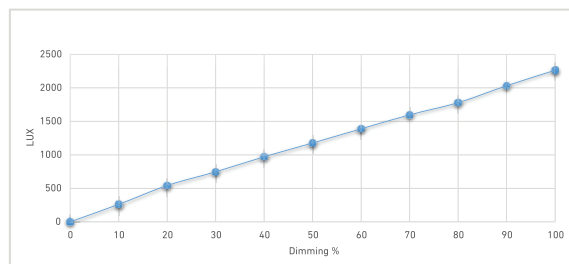


HALO DESCRIPTION

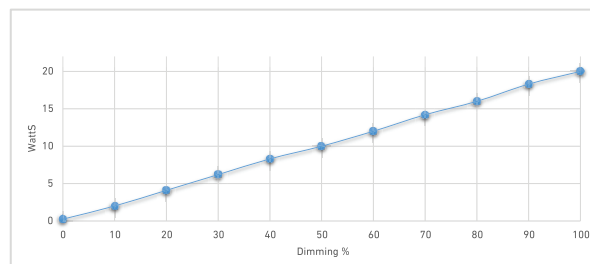
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LUX VS DIMMING % GRAPH



WATTS VS DIMMING % GRAPH



HUB SPECIFICATIONS

The Smartika Hub is the SmartikaMesh™ central controller. When connected to a wifi router, it allows you to use your smart phone to control and automate all your Smartika devices. The Hub uses a proprietary encoded RF protocol to communicate with the Smartika ecosystem.

MODEL NO. SMHUB-01-SM

FEATURES

- Power: External 5v, 1a power supply
- Connection port : rj-45 Ethernet
- Automatic configuration
- Maximum linked devices: 100
- Maximum groups : 45
- Maximum devices in a group : 20
- Effective rf range (for the first linked device): 15m (line of sight)
- Frequency Band: 2.4ghz



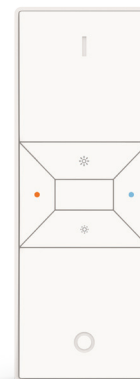
CONTROL SPECIFICATIONS

The Smartika lighting remote control can be used to control your lighting devices with or without a HUB.

MODEL NO. SMRC1-SM

FEATURES

- SmartikaMesh™ Network compatible
- Without hub: Can control a single lighting device
- With hub: Can control a group of up to 19 lighting devices in the same room
- Control: ON-OFF, Dimming 5-100% and Bi-Kelvin 2700-5000k
- Battery powered: cr2032, 3v
- Effective rf range: 15m (line of sight)
- Frequency Band : 2.4ghz
- Installation over a wall switch: Decora and toggle switch styles



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