STRATALUME CONNECTS™

MAUCLED SERIES using Indigo-Clean Technology

PRODUCT FEATURES:

» Provides on-demand environmental disinfection via LED light

» Single, white disinfection mode

» Independent laboratory tested to kill harmful bacteria, including Staph*, such as MRSA**

» Available in multiple lengths to fit any application

» External mounting feet allow for easy installation

» NSF2 Rating and standard anti-microbial finish on painted surfaces
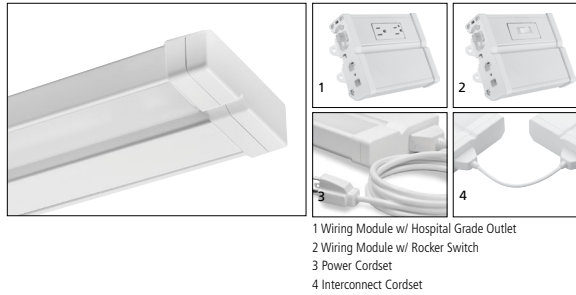
1 Wiring Module w/ Hospital Grade Outlet
2 Wiring Module w/ Rocker Switch
3 Power Cordset
4 Interconnect Cordset

SPECIFICATIONS

HOUSING: Extruded marine-grade aluminum. TGIC polyester powder coat finish with five-step pretreatment. Antimicrobial finish standard on exposed painted metal surfaces.

LENS: UV-stabilized, high-impact resistant, extruded frost 100% DR acrylic. Smooth exterior, linear prism interior. Snap-in tool-less entry design.

END CAPS/COVERS: UV-stabilized, high-impact resistant, injection-molded white polycarbonate. Light leak-preventing interlocking design.

GASKET: Closed-cell extruded EPDM gasket seals lens to end caps.

ELECTRICAL: Single, white disinfection mode. Serviceable white and 405nm Indigo LED array. Available 3200K, 3700K and 4300K color temperature with 3-step MacAdam variation allowance. Minimum 82 CRI standard. 120-277VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current drivers (>0.90 PF). Standard 0-10V dimming with 5-100% range. 200µA maximum source current. EMC meets or exceeds FCC CFR Part 15. Male and female grounded connectors provided at ends of series-mount fixtures. See Options and Accessories for additional electrical capabilities.

ELECTRICAL ACCESSORIES: Wiring modules available with 15 amp hospital grade outlet or master switch. Construction and installation match fixtures. Cordsets: Custom-molded plugs, SVT cord, snap-together design. Power cordsets connect to left side of fixture series; 120V wall outlet powered, 6 amps max. Interconnect cordsets electrically connect fixtures.

INSTALLATION: External mounting feet allow installation without accessing internal compartments. Four-point mounting required for individual fixtures and initial fixture in series-mount run. Two-point mounting required for subsequent series-mount fixtures. UL fitting for 3/8" flexible conduit or NM wire supplied. Direct wire in rear of fixture uses push-in connectors behind quick-access cover. Direct wire into sides of fixture uses included adapter plate. Maximum current of series-runs 6 amps per circuit (see table on page 3).

WARRANTY: Limited five (5) year LED warranty.

LISTINGS: UL and CUL listed for Damp Location. Cord-equipped models listed as Portable Luminaires. NSF2 Splash/Non-Food Zone. Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. EPA Est. No. 99283-WI-1.

* Per independent lab report #SGS-09S17036476. Contact Kenall for a copy of this report.

**Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016.

ORDERING INFORMATION (Ex: MAUCLED-I-MW-25C37K-48-DV)

Model	Installation Type	Finish	Lamp Type	Length	Voltage	Options	Accessories
MAUCLED		**MW**					**-WHT**

Installation Type
I Individual Mount
S Series Mount

Finish
MW Matte White

Lamp Type
13C32K 13 Watt 3200K White & Indigo LED (82 CRI)
13C37K 13 Watt 3700K White & Indigo LED (82 CRI)
13C43K 13 Watt 4300K White & Indigo LED (82 CRI)
25C32K 25 Watt 3200K White & Indigo LED (82 CRI)
25C37K 25 Watt 3700K White & Indigo LED (82 CRI)
25C43K 25 Watt 4300K White & Indigo LED (82 CRI)

Length
18 18" – 13C Lamp only
24 24" – 13C Lamp only
36 36" – 25C Lamp only
48 48" – 25C Lamp only

Voltage
DV 120-277 Volts
120 120 Volts

Options
CS*▼ 8' Hard-wired Cordset (Individual Mount only)
2C‡ Series Mount Two-Circuit Wiring
FS Single Fuse & Holder
MS▲ PIR Occupancy Sensor
SW*▲ Rocker Switch

Accessories (Series Mount only)
WML 6" Wiring Module w/o Accessory
WML/HGO* 8" Wiring Module w/ Hospital Grade Outlet
WML/SW* 6" Wiring Module w/Rocker Switch
PCL2*‡ 2' Straight Power Cordset
PCL3*‡ 3' Straight Power Cordset
PCL4*‡ 4' Straight Power Cordset
PCL6*‡ 6' Straight Power Cordset
PCL10*‡ 10' Straight Power Cordset
ICL05‡ 6" Straight Interconnect Cordset
ICL1‡ 1' Straight Interconnect Cordset
ICL2‡ 2' Straight Interconnect Cordset
ICL3‡ 3' Straight Interconnect Cordset

* 120 Volts only
‡ Requires Type S installation type; 0-10V dimming function not available
▲ Not available in 18" length when ordered with series mount installation type
▼ 0-10V dimming function not available

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PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd L70 LED Life (Hrs)
		@ 25C (lm)	Efficacy (lm/W)			
18	13C32K	1,127	81	14	125	80,000
	13C37K	1,156	83	14	125	80,000
	13C43K	1,168	83	14	125	80,000
24	13C32K	1,167	83	14	125	80,000
	13C37K	1,197	85	14	125	80,000
	13C43K	1,209	86	14	125	80,000
36	25C32K	2,306	80	29	125	80,000
	25C37K	2,366	82	29	125	80,000
	25C43K	2,390	82	29	125	80,000
48	25C32K	2,380	82	29	125	80,000
	25C37K	2,441	84	29	125	80,000
	25C43K	2,466	85	29	125	80,000

Displayed information above is for selected luminaires only. Visit www.kenall.com for IES files and additional information.

TYPICAL LIGHTING LAYOUT (TASK LIGHTING ONLY)
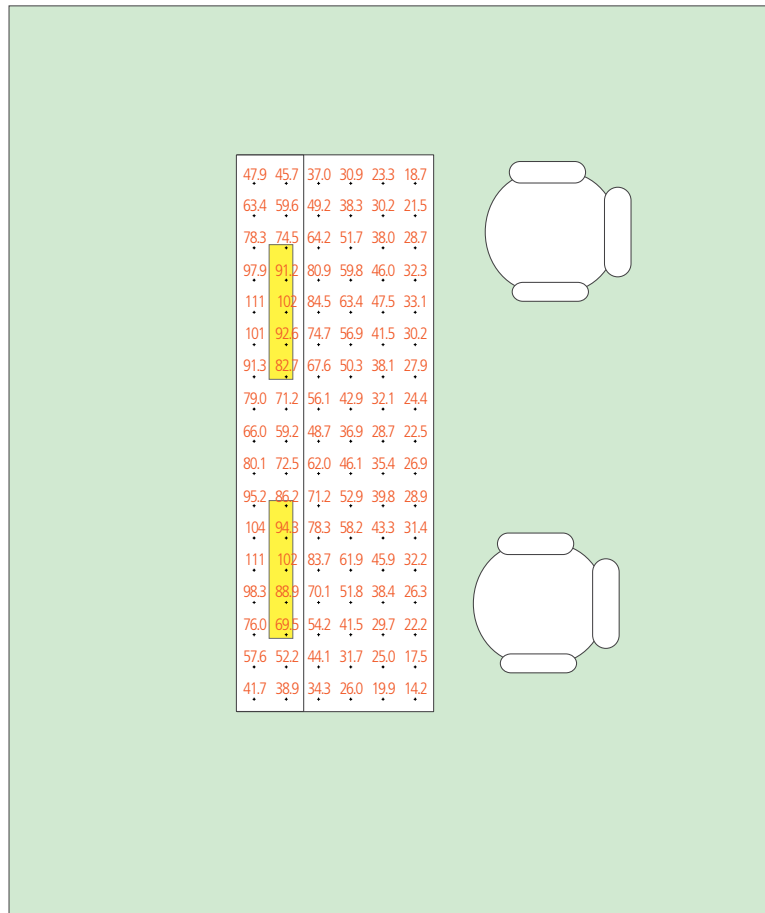
Illuminance	(Fc)
Average	54.77
Maximum	111
Minimum	14.2
Ave/Min Ratio	3.86
Max/Min Ratio	7.84

Product shown: (2) 24" MAUCLED-ICT with 13C32K lamp.
Calculations are based on 9' ceiling height, 30" task plane, shelf height 20"
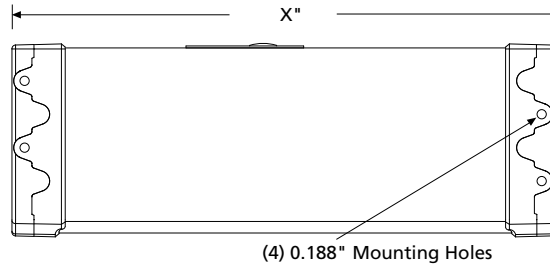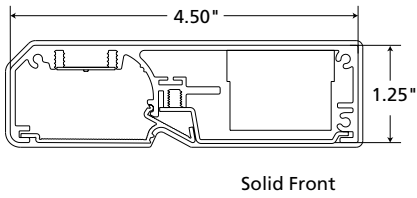above task plane, 90/60/20 room reflectance, and 0.80 LLF.

MAUCLED-ICT-010521

STRATALUME CONNECTS™

MAUCLED SERIES using Indigo-Clean Technology

DIMENSIONAL DATA

4.50"

1.25"

Solid Front

X"

(4) 0.188" Mounting Holes

LENGTH DIMENSION

MODEL	LENGTH	X (in)	Max Current 120V	Max Current 277V
13C	18"	18.00	0.12A	0.052A
13C	24"	24.00	0.12A	0.052A
25C	36"	36.00	0.25A	0.105A
25C	48"	48.00	0.25A	0.105A
WML	–	6.00		
WML/HGO	–	8.00		
WML/SW	–	6.00		

NOTE: Subtract 0.54" for each end cover removed to get overall length in series mount applications. When ordering the power or interconnect cordset, allow at least 2" clearance on the side of the fixture. To calculate maximum allowable fixtures in a series run, divide 6 amps maximum current by the maximum current of each fixture.

MAUCLED-ICT-010521