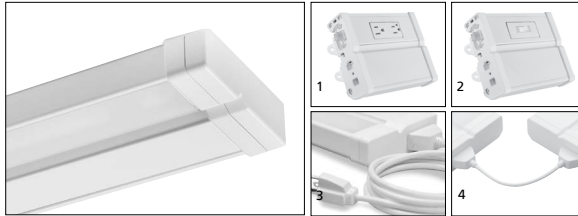# STRATALUME CONNECTS™

AUC/MAUC SERIES – LED

PRODUCT FEATURES:
» Available in multiple lengths to fit any application
» External mounting feet allow for easy installation
» Antimicrobial finish standard when used in Healthcare applications

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 housing and driver cover with MAUC series only.

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 or black opaque polycarbonate. Black end caps/covers provided when silver finish (SL) is ordered. Light leak-preventing interlocking design.

GASKET: Closed-cell extruded EPDM gasket seals lens to end caps (MAUC series only).

ELECTRICAL: LED array with electrically-isolated thermal pads. Maximum 3-step MacAdam variation allowance. See Ordering Information for color temperature options. 80CRI minimum. 120-277VAC, 50/60Hz input with replaceable high power factor electronic constant-current driver (<20% THD, >0.90 PF). Standard 0-10V dimming with 5-100% range; 200µA max. 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. Available in white or black finish.

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 (MAUC series only). Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory.

LED c**UL**us **NSF**
MAUC Series

ORDERING INFORMATION (Ex: MAUCLED-I-MW-20L30K-48-120)

Model	Installation Type	Finish	Lamp Type	Length	Voltage	Options	Accessories

Model
AUCLED Architectural Applications
MAUCLED† Healthcare Applications

Installation Type
I Individual Mount
S Series Mount

Finish
MW† Matte White
MB† Matte Black
SL† Silver
CCW Custom Color with White end caps
CCB Custom Color with Black end caps

†Antimicrobial finish standard for MAUC Series

Lamp Type
11L30K 11 Watt 3000K LED
11L35K 11 Watt 3500K LED
11L40K 11 Watt 4000K LED
16L30K 16 Watt 3000K LED
16L35K 16 Watt 3500K LED
16L40K 16 Watt 4000K LED
20L30K 20 Watt 3000K LED
20L35K 20 Watt 3500K LED
20L40K 20 Watt 4000K LED

Length
18 18" – 11 Watt only
24 24" – 11 Watt only
36 36" – 16 Watt only
48 48" – 20 Watt only

Voltage
120 120 Volts
277 277 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
** When ordering Accessories, add color suffix: –WHT white, –BLK black, –SLV silver, –CCW/–CCB custom color (–SLV and –CCW/–CCB for Wiring Modules only)
‡ Requires Type S installation type; 0-10V dimming function not available
▲ Not available in 18" length when ordered with series mount installation type
† Antimicrobial finish standard for MAUC Series
▼ 0-10V dimming function not available

STRATALUME CONNECTS™

AUC/MAUC SERIES – LED

PERFORMANCE

Length	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
		@ 25°C (lm)	Efficacy (lm/W)			
18	11L30K	1,233	84	15	117	80,000
	11L35K	1,270	87	15	117	80,000
	11L40K	1,290	88	15	117	80,000
24	11L30K	1,279	88	15	117	80,000
	11L35K	1,317	90	15	117	80,000
	11L40K	1,338	92	15	117	80,000
36	16L30K	1,559	89	18	117	80,000
	16L35K	1,605	92	18	117	80,000
	16L40K	1,631	93	18	117	80,000
48	20L30K	1,945	88	22	117	80,000
	20L35K	2,003	91	22	117	80,000
	20L40K	2,035	93	22	117	80,000

Product tested with MW Finish Type. Information subject to change without notice. Visit www.kenall.com for IES files and additional information.

TYPICAL LIGHTING LAYOUT (TASK LIGHTING ONLY)
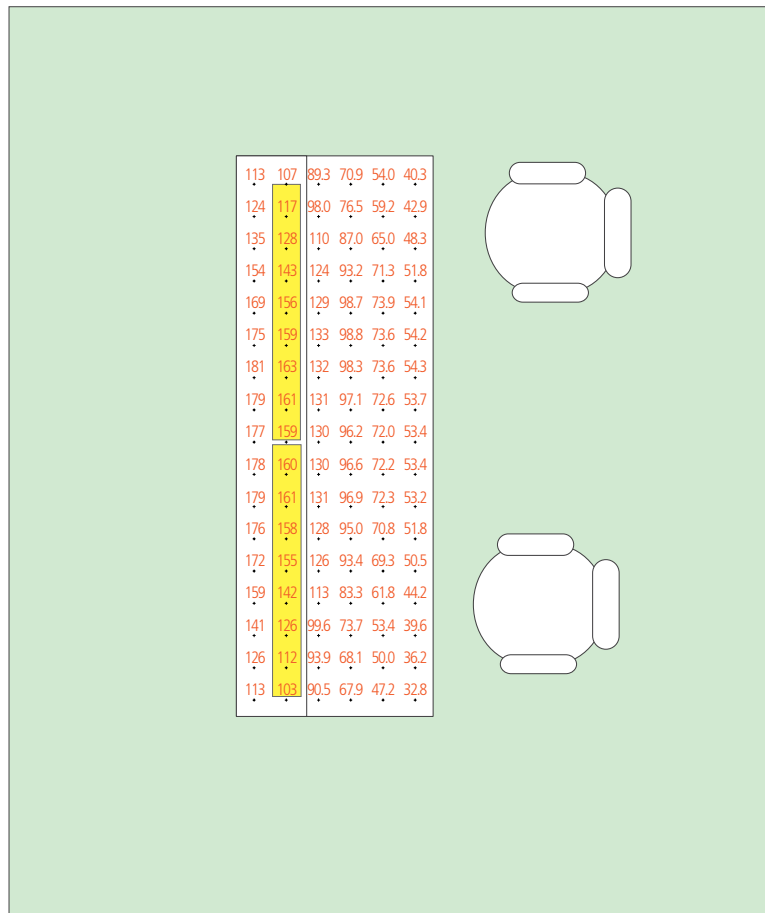
Illuminance	(Fc)
Average	102.59
Maximum	181
Minimum	32.8
Ave/Min Ratio	3.13
Max/Min Ratio	5.51

Product shown: (2) 48" MAUCLED with 20L35K lamp.
Calculations are based on 9' ceiling height, 30" task plane, shelf height 20" above task plane, 90/60/20 room reflectance, and 0.90 LLF.
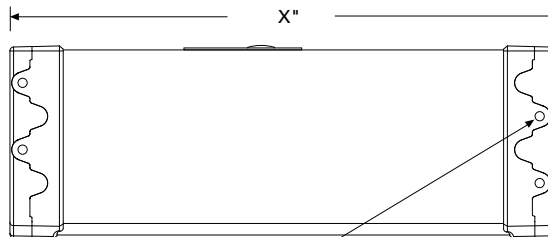
STRATALUME CONNECTS™

AUC/MAUC SERIES – LED

DIMENSIONAL DATA
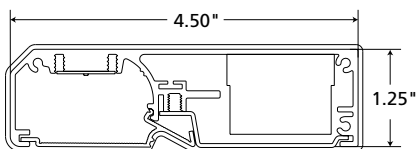
Solid Front

(4) 0.188" Mounting Holes

LENGTH DIMENSION

MODEL	LENGTH	X (in)	Max Current 120V	Max Current 277V
11L	18"	18.00	0.12	0.06
11L	24"	24.00	0.12	0.06
16L	36"	36.00	0.15	0.07
20L	48"	48.00	0.19	0.09
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.

A brand of **legrand**®

AUC_MAUC-LED-110619