

TREA SERIES SELECTABLE LED TROFFER

Client:
 Project:
 Type:
 Quantity:

CONSTRUCTION

22-gauge metal frame, 95% reflective white polyester powder coat bonded to phosphate-free multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency and inhibit corrosion. All corners are rounded for safe handling. Multiple wiring entrances on driver enclosure for easy access. Integral T-bar clips for installation into T-grid ceilings.

OPTICS

Backlit design provides exceptional lighting distribution. Frosted polycarbonate lens offers edge to edge smooth illumination for maximum visual comfort.

ELECTRICAL

Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. Greater than 70% LED lumen maintenance at 60,000 hours (L70>60,000).
 Selectable lumen and CCT technology allows easy field-adjustable capability, luminaire ships with maximum output and 4000K CCT setting.
 All CCTs are within 3 MacAdam ellipses.
 Driver operates at 120-277V input, 0-10V dimmable driver, down to 10%.
 Optional Integral Daylight Harvesting sensor.

MOUNTING

Designed to accommodate lay-in ceilings, Slot T, and T-bar suspension system for 5/8" and 3/8" width.
 Built-in earthquake clips come standard.
 Surface/cable mount applications, use surface mount accessories.
 Plaster or sheetrock installations, select flange kit.

FINISH

High Reflective White finish standard.

CERTIFICATION

Damp location label standard.
 Option for "Assembled in America" upon request.
 Option for "BABA" compliance upon request.
 All luminaires are built to UL1598 standards and bear appropriate cULus labels.
 For Emergency application, equipment with UL924 certified battery packs.
 DLC (DesignLights Consortium Qualified)

WARRANTY

5 year warranty, see Limited Warranty for additional information.



TREA-4



Integral Daylight Harvesting Sensor

SHIPPING DATA

Product	Measurement	Weight
TREA-1 (2-pack)	48"L x 12"W x 3"H	16 lb
TREA-2 (2-pack)	24"L x 24"W x 3"H	15 lb
TREA-4 (2-pack)	48"L x 24"W x 3"H	24 lb



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ORDER INFORMATION **EXAMPLE: TREA 2**

Fixture	Series	Model	Finish	Input
	TREA		blank	blank

Mounting

Accessories
Options

A SERIES

TREA Selectable Lumen and CCT LED Troffer

B MODEL

Code	Size	Power	CCT	Output
1	1x4	20W / 25W / 30W	3500K / 4000K / 5000K	up to 3750lm
2	2x2	25W / 30W / 35W	3500K / 4000K / 5000K	up to 4375lm
4	2x4	34W / 42W / 50W	3500K / 4000K / 5000K	up to 6250lm

C FINISH

blank White

D INPUT

blank 120-277V, 0-10V Dimming

G MOUNTING

blank	Standard lay-in
MOUNT-LP-14-FGK	1x4 Flange Kit (Plaster, Sheetrock or Drywall)
MOUNT-LP-22-FGK	2x2 Flange Kit (Plaster, Sheetrock or Drywall)
MOUNT-LP-24-FGK	2x4 Flange Kit (Plaster, Sheetrock or Drywall)
MOUNT-LP-14-SMK	2" Tall 1x4 Surface Mount Kit
MOUNT-LP-22-SMK	2" Tall 2x2 Surface Mount Kit
MOUNT-LP-24-SMK	2" Tall 2x4 Surface Mount Kit

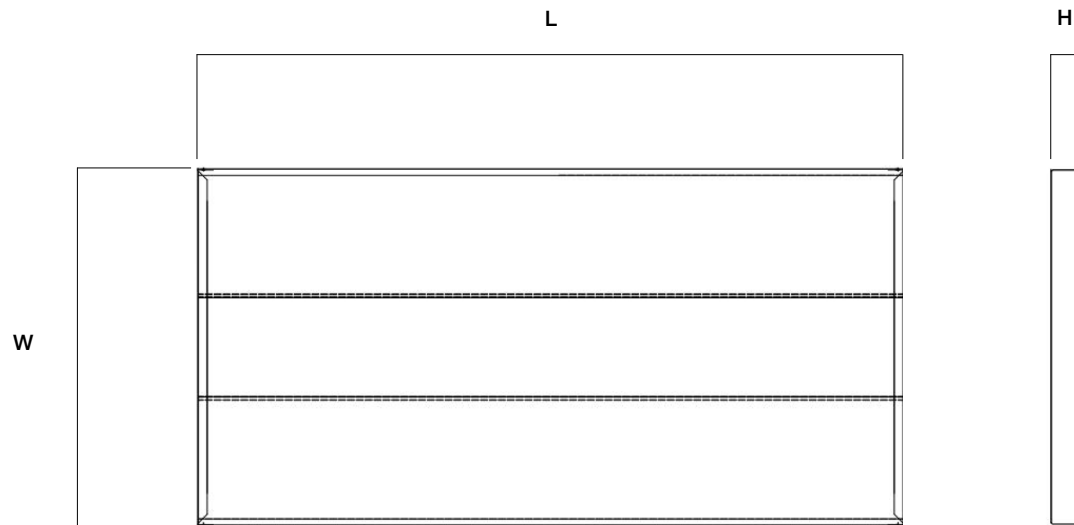
H ACCESSORIES/OPTIONS (SEE PG. 5 FOR SENSOR, EMB SPEC)

AIA	Assembled in America, compliant with BAA (COTS)
BABA	Build America, Buy America Act (BABA) Copm
SENSOR-IFS06R	"Plug-N-Play" Integral Daylight Harvesting Sensor (DC Power - Wireless Remote Control)
SENSOR-ANT-15P-BLE	"Plug-N-Play" Integral Daylight Harvesting Sensor (DC Power - Bluetooth App Control)
REMOTE-RM51	RM51 Remote Commissioning Tool for SENSOR-IFS06R
EMB-H08170	External emergency battery 8W (120-277V)
EMB-H18170	External emergency battery 18W (120-277V)
EMB-H40170	External emergency battery 40W (120-277V)
-C	6-Foot Flex

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DIMENSIONS

Model	W	L	H
TREA-1	11.70" (298mm)	47.80" (1213mm)	2.0" (50mm)
TREA-2	23.76" (603mm)	23.76" (603mm)	2.1" (54mm)
TREA-4	23.76" (603mm)	47.80" (1213mm)	2.1" (54mm)



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PERFORMANCE DATA

SYSTEM WATTS	SIZE	VOLTAGE	LUMEN	LPW	QTY ON PALLET
20W	1x4	120-277V	2500	125	100
25W	1x4	120-277V	3125	125	100
30W	1x4	120-277V	3750	125	100
25W	2x2	120-277V	3125	125	120
30W	2x2	120-277V	3750	125	120
35W	2x2	120-277V	4375	125	120
34W	2x4	120-277V	4250	125	60
42W	2x4	120-277V	5250	125	60
50W	2x4	120-277V	6250	125	60

DLC CODE

Part Number	DLC Part Number	DLC Class
TREA-1	S-SPVG2B	Premium
TREA-2	S-VQ2A1	Premium
TREA-4	S-8MCVZA	Premium

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SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-IFS06R	PIR	15FT 20FT	40FT radius 48FT radius	DC	Daylight Harvesting	REMOTE-RM51
SENSOR-ANT-15P-BLE	PIR	15FT 20FT	40FT radius 48FT radius	DC	Daylight Harvesting	Bluetooth App



SENSOR-IFS06R
 SENSOR-ANT-15P-BLE

EMB SPEC

Model	Compatible Fixture	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H08170	TREA-1	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
	TREA-2						
	TREA-4						
EMB-H18170	TREA-1	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
	TREA-2						
	TREA-4						
EMB-H40170	TREA-1	90mins	100-347VAC	170VDC	40W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
	TREA-2						
	TREA-4						

