

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%.

Custom Lumen available, see spec for detail.

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.

STANDARD FINISH

High Reflective White finish.

CERTIFICATION

Damp location label standard.

Option for "Assembled in America" upon request.

All luminaires are built to UL1598 standards and bear appropriate cULus labels.

For Emergency application, equipment with UL924 certified battery packs.

DLC® Premium (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				
	AIA	Assembled in America, compliant with BAA (COTS)			
	ZD-____LM*	Custom Lumen (please specify)			
	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			

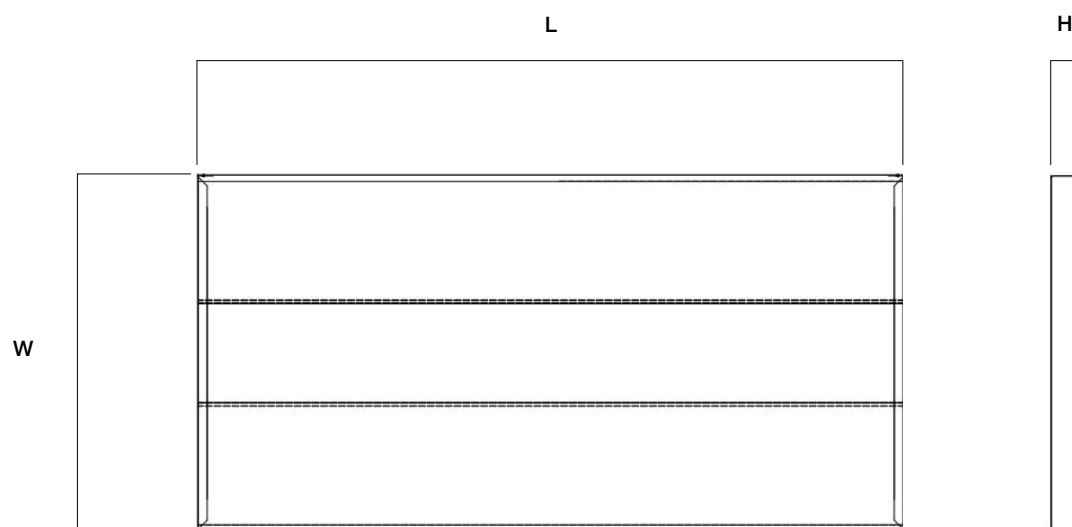
*see page 5 for custom lumen information

**see page 5 for emb spec

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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 Nnumber	DLC Class
TREA-1	S-SPVG2B	Premium
TREA-2	S-VQ2AI1	Premium
TREA-4	S-8MCVZA	Premium

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SENSOR SPEC

Component	Type	Mounting	Input	Function
ZD-2000LM	Inline Solder	Integral	0-10V	Cap Max Output @ 2000LM
ZD-2500LM	Inline Solder	Integral	0-10V	Cap Max Output @ 2500LM
ZD-3200LM	Inline Solder	Integral	0-10V	Cap Max Output @ 3200LM
ZD-3500LM	Inline Solder	Integral	0-10V	Cap Max Output @ 3500LM
ZD-3900LM	Inline Solder	Integral	0-10V	Cap Max Output @ 3900LM
ZD-4000LM	Inline Solder	Integral	0-10V	Cap Max Output @ 4000LM
ZD-4200LM	Inline Solder	Integral	0-10V	Cap Max Output @ 4200LM
ZD-4500LM	Inline Solder	Integral	0-10V	Cap Max Output @ 4500LM
ZD-4800LM	Inline Solder	Integral	0-10V	Cap Max Output @ 4800LM

EMB SPEC

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

