

**TREA SERIES CENTER BASKET 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**

IC Rated for direct contact with insulation.  
 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 (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 2-40 40**

<b>Fixture</b>	<b>Series</b>	<b>Model</b>	<b>Finish</b>	<b>Input</b>
	<b>TREA</b>		<b>blank</b>	<b>blank</b>

Mounting

Accessories  
Options

**A SERIES**

**TREA** Center Basket LED Troffer

**B MODEL (CHOOSE ONE)**

Code	Size	Power	Lumen	Code	Size	Power	Lumen	Code	Size	Power	Lumen
<b>1-18</b>	1x4	18W	2250	<b>2-18</b>	2x2	18W	2250	<b>4-30</b>	2x4	30W	3750
<b>1-25</b>	1x4	25W	3125	<b>2-25</b>	2x2	25W	3125	<b>4-40</b>	2x4	40W	5000
<b>1-30</b>	1x4	30W	3750	<b>2-30</b>	2x2	30W	3750	<b>4-50</b>	2x4	50W	6250
<b>1-35</b>	1x4	35W	4375	<b>2-40</b>	2x2	40W	5000	<b>4-56</b>	2x4	56W	7000

**C CCT (CHOOSE ONE)**

<b>35</b>	3500K	<b>50</b>	5000K
<b>40</b>	4000K		

**D FINISH**

**blank** White

**E INPUT**

**blank** 120-277V, 0-10V Dimming

**F MOUNTING (CHOOSE ONE)**

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

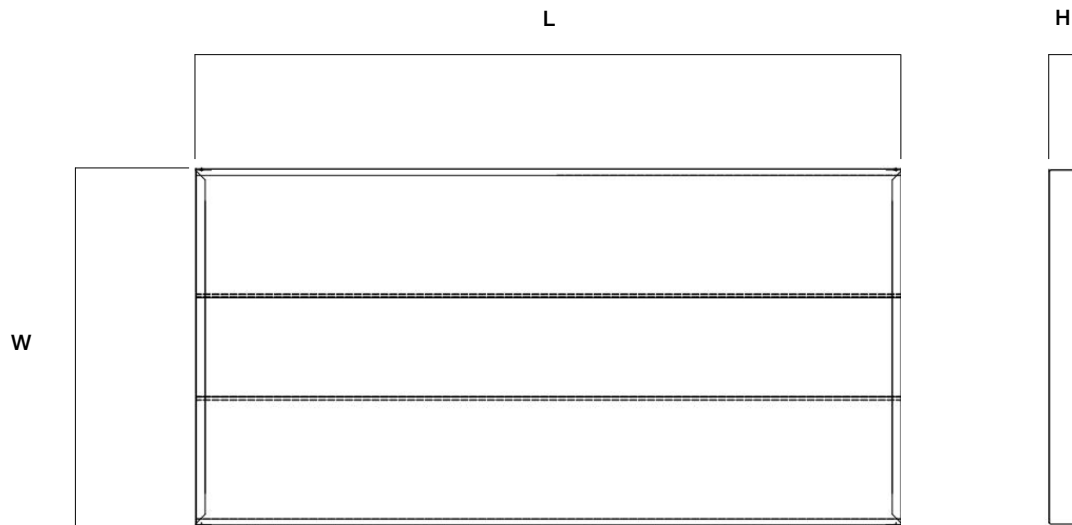
**H ACCESSORIES/OPTIONS (SEE PG. 5 FOR SENSOR, EMB SPEC)**

<b>AIA</b>	Assembled in America, compliant with BAA (COTS)
<b>SENSOR-IFS06R</b>	"Plug-N-Play" Integral Daylight Harvesting Sensor (DC Power - Wireless Remote Control)
<b>SENSOR-IFS108R</b>	"Plug-N-Play" Integral Daylight Harvesting Sensor (DC Power - Bluetooth App Control)
<b>REMOTE-RM51</b>	RM51 Remote Commissioning Tool for SENSOR-IFS08R
<b>EMB-H08170</b>	External emergency battery 8W (120-277V)
<b>EMB-H18170</b>	External emergency battery 18W (120-277V)
<b>EMB-H40170</b>	External emergency battery 40W (120-277V)
<b>-C</b>	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
18W	1x4	120-277V	2250	125	100
25W	1x4	120-277V	3125	125	100
30W	1x4	120-277V	3750	125	100
35W	1x4	120-277V	4375	125	100
18W	2x2	120-277V	2250	125	120
25W	2x2	120-277V	3125	125	120
30W	2x2	120-277V	3750	125	120
40W	2x2	120-277V	5000	125	120
30W	2x4	120-277V	3750	125	60
40W	2x4	120-277V	5000	125	60
50W	2x4	120-277V	6250	125	60
56W	2x4	120-277V	7000	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-IFS108R	PIR	15FT 20FT	40FT radius 48FT radius	DC	Daylight Harvesting	Bluetooth App



SENSOR-IFS06R  
 SENSOR-IFS108R

**EMB SPEC**

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

