

DESCRIPTION

The naturaLED® Retrofit Troffer is the perfect interior lighting solution, combining a sleek, narrow-edge design with exceptional performance. Delivering broad, even illumination through a wide 110° beam angle, this fixture minimizes shadows and ensures uniform light coverage across any room. Designed for easy installation, the 2'x2' and 2'x4' troffers feature 3 selectable wattages and 3 selectable color temperatures (3500K, 4000K, 5000K) for maximum versatility. Each DLC and ETL-certified unit is built for energy savings, with a Plug-In Connector (PIC) ready model available that includes a pre-installed connector for seamless PIR sensor integration and advanced daylight harvesting.

APPLICATIONS

Conference, Meeting Rooms, Factories, Offices, Schools, Hospitals

FEATURES

- DLC Standard
- ETL/cETL Listed
- Damp Location
- Wattage & Color Selectable
- Control Ready
- Wattages: 20/25/30W, 34/38/45W
- Color Temp: CCT3 (35/40/50K)
- Voltage: 120-277V
- Dimmable: 0-10V
- CRI: > 80
- Operating temperature: - 4°F - 122°F
- Power Factor: >0.9
- Beam Angle: 110°
- Easy installation for retrofit replacement
- Available in 2'x 2' or 2'x 4' length
- Material: Steel
- Lens: Polycarbonate Lens
- 5 Year Warranty
- Optional for Purchase: PIC (Plug in Connector) PIR Sensor w/ Daylight Harvesting, Emergency Drivers, Remote Control



Rated Life Hours 50,000
Warranty 5 Years

ACCESSORIES

	PIC (Plug In Connector) Sensor
	Emergency Drivers
	Remote Controller

SAMPLE NUMBER

RTF30S/2X2/8C3

SERIES	WATTAGE	SELECTABLE	LENGTH	CRI	COLOR TEMP
RTF Retrofit Troffer	30 <30 Watt	S Selectable Wattage	2x2 2-ft x 2-ft	8 CRI 80	C3 Selectable Color Temp (35/40/50K)



RETROFIT TROFFER (SW & CCT3)

CEILING & AREA LUMINAIRES

ORDERING

*P= Premium DLC / *S = Standard DLC

Ordering Code	Description	Watts (W)	Lumens (Lm)	CCT (K)	Equiv. Wattage (W)	Voltage	Size	Damp Location	DLC (S/P)
9764	RTF30S/2X2/8C3	20	2,600	3CCT	60-100W	120-277V	2'x2'	•	S
		25	3,250	(35/40/50K)					
		30	3,900						
9765	RTF45S/2X4/8C3	34	4,420	3CCT	90-130W	120-277V	2'x4'	•	S
		38	4,940	(35/40/50K)					
		45	5,850						
9844	RTF30S/2X2/8C3-PIC2 <i>(PIC-Ready for PIR Sensor)</i>	20	2,600	3CCT	60-100W	120-277V	2'x2'	•	S
		25	3,250	(35/40/50K)					
		30	3,900						
9845	RTF45S/2X4/8C3-PIC2 <i>(PIC-Ready for PIR Sensor)</i>	34	4,420	3CCT	90-130W	120-277V	2'x4'	•	S
		38	4,940	(35/40/50K)					
		45	5,850						

ACCESSORIES (Ordered Separately)

PIC Plug In Connector PIR Sensor w/ Daylight Harvesting



P10673 SEN-ANT-15P-R2-PIC2
(Plug-in PIR 0-10V Sensor with Daylight Harvesting for #9844, #9845)

Emergency Driver Kit



7347 BAEM4-55BC/347-A
(4W CEC-Compliant LED Linear Emergency Driver 120-347V)

Ceiling Mount Low Voltage Sensor w/ Daylight Harvesting



P10703 SEN-BRI-DT301P-LV-R2
(Low Voltage Ceiling Mount PIR 0-10V Sensor with Daylight Harvesting)

Surge Protection



P10389 SPD-L-10KV-277
(Surge Protection 10KV 120-277V)



P10390 SPD-L-20KV-277
(Surge Protection 20KV 120-277V)

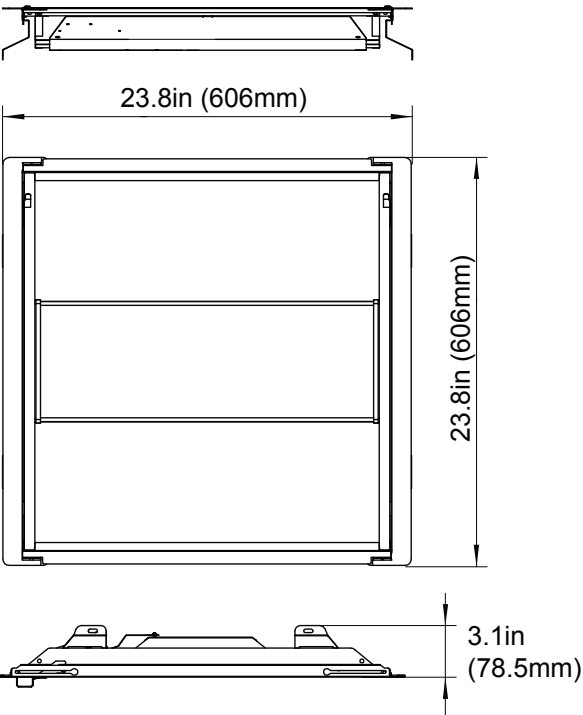
Remote Controller



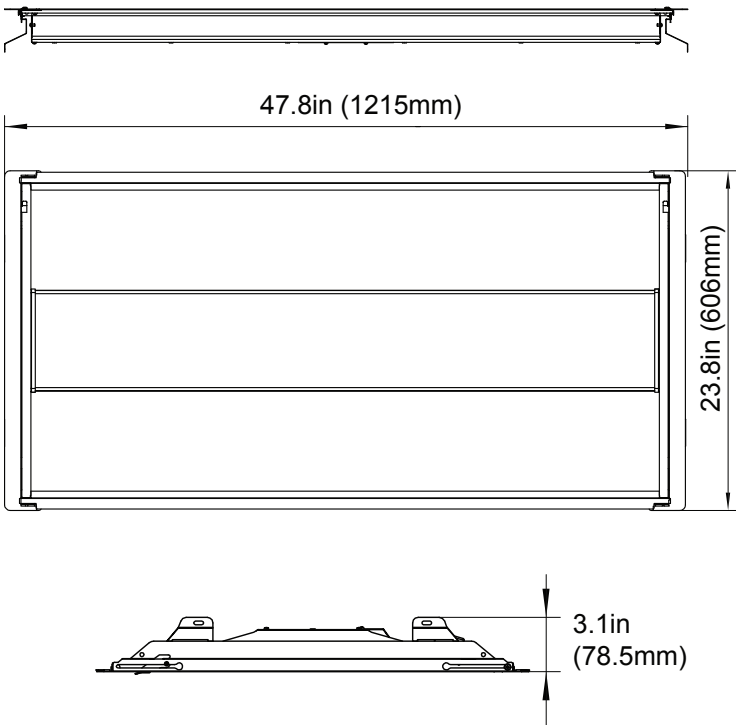
P10632 SEN-BRI-RC200
(Remote Programmer for P10673/P10703)

DIMENSIONS

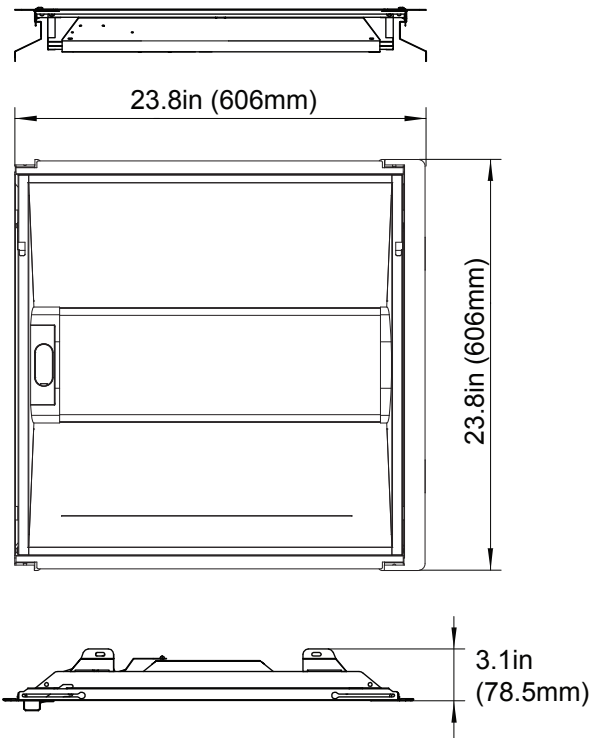
2"X2"
8.66-lbs



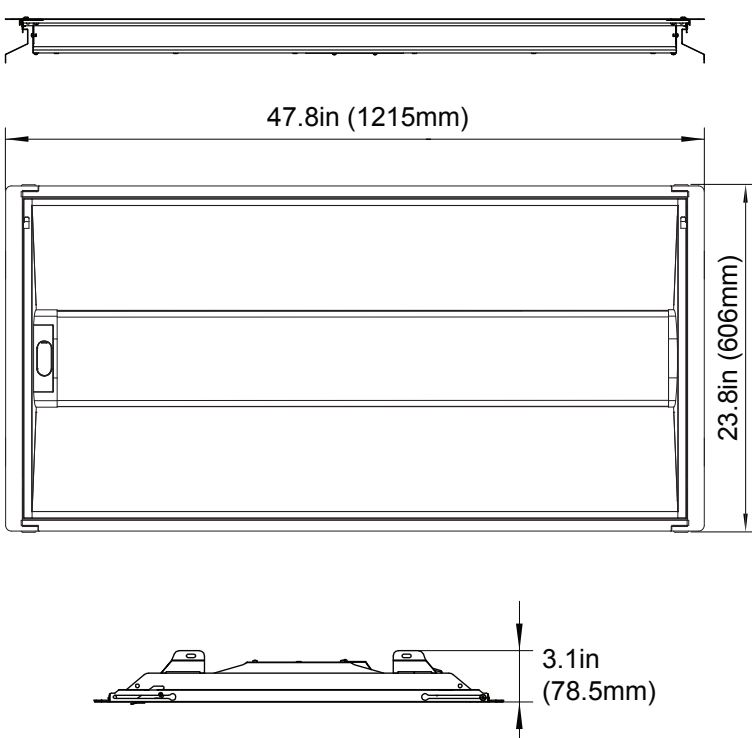
2"x4"
14.02-lbs



2"X2" PIC-Ready
8.66-lbs



2"x4" PIC-Ready
14.02-lbs

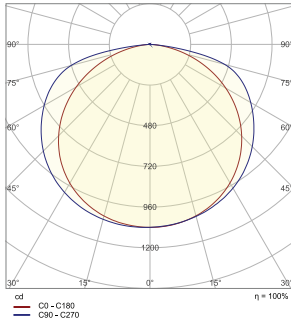


RETROFIT TROFFER (SW & CCT3)

CEILING & AREA LUMINAIRES

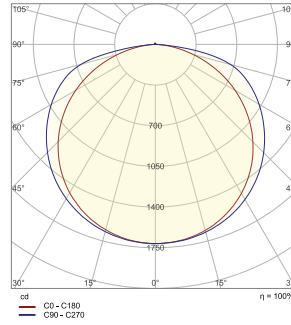
PHOTOMETRICS

2'x2'



Illuminance at a Distance		Beam Width	
Center Beam fc			
1.3ft	639 fc	4.3 ft	7.9 ft
2.7ft	148 fc	8.8 ft	16.3 ft
4.0ft	67.5 fc	13.1 ft	24.2 ft
5.3ft	38.4 fc	17.3 ft	32.0 ft
6.7ft	24.0 fc	21.9 ft	40.5 ft
8.0ft	16.9 fc	26.2 ft	48.3 ft
■ Vert. Spread: 117.1°			
■ Horiz. Spread: 143.4°			

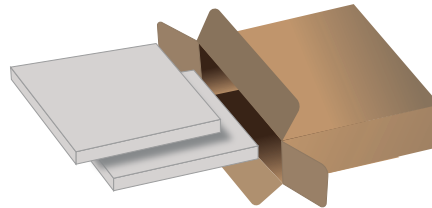
2'x4'



Illuminance at a Distance		Beam Width	
Center Beam fc			
1.3ft	1,014 fc	4.1 ft	6.5 ft
2.7ft	235 fc	8.5 ft	13.5 ft
4.0ft	107 fc	12.7 ft	20.0 ft
5.3ft	61.0 fc	16.8 ft	26.4 ft
6.7ft	38.2 fc	21.2 ft	33.4 ft
8.0ft	26.8 fc	25.3 ft	39.9 ft
■ Vert. Spread: 115.4°			
■ Horiz. Spread: 136.3°			

PACKAGE

	Master Carton (pc)	Dimensions (in)	Weight (lb)
2'x2'	2	25" x 24.5" x 4.80"	16.75
2'x4'	2	49.2" x 24.5" x 4.80"	28.20



PIC Plug In Connector Sensor with Daylight Harvesting

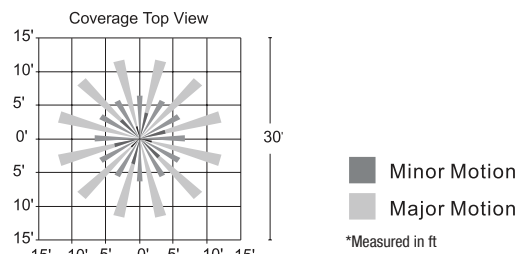
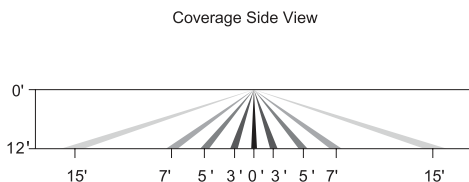


P10673 SEN-ANT-15P-R2-PIC2

Factory Default Setting:

Power: 100%
Sensitivity: 100%
Hold time: 5min
LUX mode: Disable
Dim Level: 30%
Dim Time: Infinity

COVERAGE PATTERNS



P10632 SEN-BRI-RC200

Specifications:

2 x AAA 1.5V Battery (Alkaline Preferred) *Batteries not included
Up to 50ft (50m), Dimensions: 4.84"x2.76"x0.91"

Remote control needed to change default sensor settings

Ceiling Mount Sensor with Daylight Harvesting

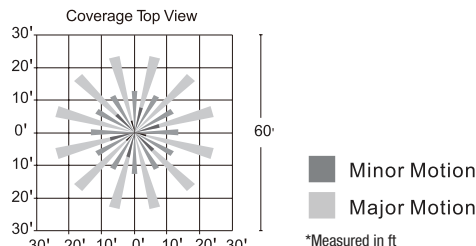
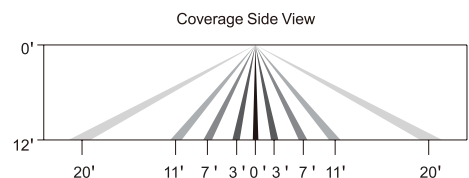


P10703 SEN-BRI-DT301P-LV-R2

Factory Default Setting:

Power: 100%
Sensitivity: 100%
Hold time: 5min
LUX mode: Disable
Dim Level: 30%
Dim Time: Infinity

COVERAGE PATTERNS



P10632 SEN-BRI-RC200

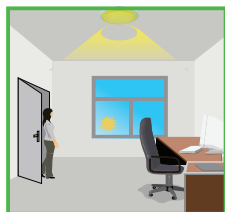
Specifications:

2 x AAA 1.5V Battery (Alkaline Preferred) *Batteries not included
Up to 50ft (50m), Dimensions: 4.84"x2.76"x0.91"

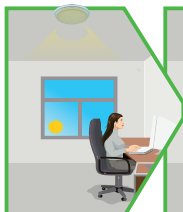
Remote control needed to change default sensor settings

DAYLIGHT HARVESTING FUNCTION

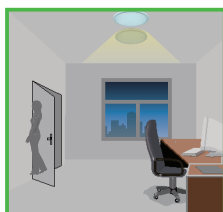
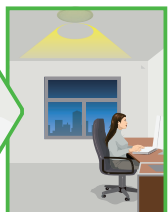
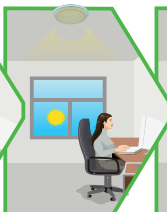
Choose the daylight harvesting function on RC-200, you can set the "LUX MODE" is "D_Harvest".



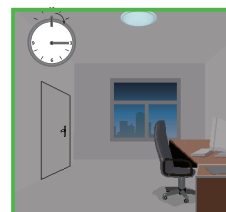
When the natural light is sufficient or dark, movement is detected and the light will turn on 100% brightness.



The light turns on at full or dims to maintain the lux level. The light output regulates according to the level of natural light available.



The light dims to stand-by period after hold-time and stays on selected minimum dimming level



The light switches off completely after the stand-by period.

Settings on this demonstration:

Power: 100%
Sensitivity: 100%
Hold time: 30min
LUX mode: D_Harvest
LUX: 100 LUX
Dim Level: 30%
Dim Time: 15min