WARELIGHT

INDUSTRIAL AND COMMERCIAL LIGHTING MFR SINCE 2003

Center Basket Troffer Series

This basket troffer delivers unmatched performance and energy savings with superb flowing design. Featuring selectable wattage and CCT, these fixtures adopt the latest in optical and LED technologies to provide a single pleasant volumetric soft light that fills any interior space. The center basket design gives a larger, brighter, and more productive ambiance.

Specifications

CRI	> 80	LED Lifespan	L70 > 100,000 hours
Light Source	LED	Mounting Options	T-grid or drop ceiling
		Operating Temp	-20°C to +45°C (-4°F to 113°F)
CCT	Select 3500K/4000K/5000K	Lens	Frosted PMMA
Wattage	Select 25W-45W	Dimmable	0-10V
LPW	130	Product Weight	6.22-11 lbs
Lumens*	3250-5850	Certifications	cULus, DLC, Damp Locations
Voltage	120-277V		

*Data is considered to be representative of the series. Actual production may vary between up to ±10% of initial delivered lumens.

2750 South 163rd St., New Berlin, WI 53151   •   888-571-7878
Website: Warelight.com   •   Email: info@warelight.com

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Order Information

Basket Troffer Series Concord G5				Example: TRCBLED2x2-CHWT-MV-DM010-G5		
Series	Size	Wattage CCT	Voltage	Dimming	Generation	Accessories
TRCBLED	**2x2** 2' x 2'	**CHWT** 25W/30W/35W 35K/40K/50K	**MV** 120-277V	**DM010** 0-10v	G5	**Blank** No Accessories **EM** Emergency Backup **MS** Motion Sensor **BMS** Bluetooth Motion Sensor
	2x4 2' x 4'	**CHWT** 34W/38W/45W 35K/40K/50K				

Performance Chart

| Item	Wattage	Lumens	Efficacy	CRI
TRCBLED2x2-CHWT-MV-DM010-G5	25W/30W/35W	3,250-4,550	130 LM/W	>80
TRCBLED2X4-CHWT-MV-DM010-G5	34W/38W/45W	4,420-5,850	130 LM/W	>80

DLC Information

Item	DLC Version	DLC ID	Wattage	Lumens*
TRCBLED2x2-CHWT-MV-DM010-G5	Standard	S-R3RC4Y	35W	4,550
TRCBLED2X4-CHWT-MV-DM010-G5	Standard	S-J768DP	45W	5,850

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PROJECT NAME
ITEM #
FIXTURE SCHEDULE
NOTES

Dimensions

Item	Length	Width	Height	Weight
TRCBLED2x2-CHWT-MV-DM010-G5	23.7"	23.7"	2.1"	6.22 lbs
TRCBLED2x4-CHWT-MV-DM010-G5	47.8"	23.7"	2.1"	11 lbs

2x2

603.0mm/23.7"   54.0mm/2.1"

603.0mm/23.7"
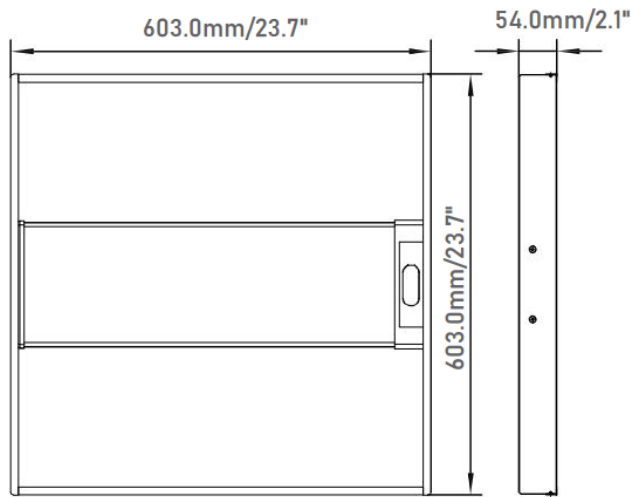
Product Weight : 3.10Kg/6.83lb

2x4

1213.0mm/47.8"   54.0mm/2.1"

603.0mm/23.7"
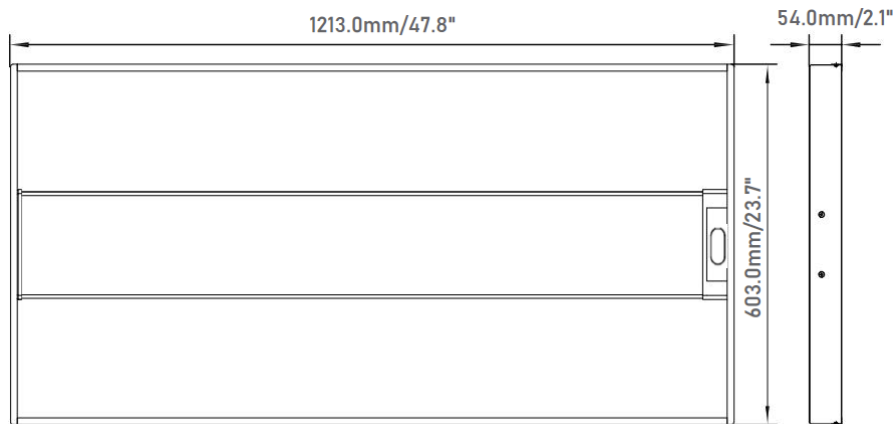
Product Weight : 5.19Kg/11.44lb

WARELIGHT

INDUSTRIAL AND COMMERCIAL
LIGHTING MFR SINCE 2003

WareSense Blue: Your All-In-One Lighting Solution

WARESENSE blue

NETWORK SENSOR
PIR motion & daylight harvesting
sensor, set up in WareSense App
(Fixture Dependant)

POWER PACK
Control lighting loads in response to
wireless bluetooth devices and
WareSense App

WALL SWITCH
5-key wireless wall switch for
manual control

NETWORK SENSOR
PIR motion & daylight harvesting
sensor, set up in WareSense App
(Fixture Dependant)

CEILING SENSOR
PIR motion sensor
Wired to one light, control whole group

A simple and cost effective localized networked lighting control system using bluetooth mesh.

WareSense Blue delivers a comprehensive, gateway-free wireless solution for managing lighting across diverse settings. This innovative system features wireless controllers for fixtures, switches, and sensors for occupancy and daylight harvesting, all leveraging Bluetooth® technology. Additionally, the system includes a fixture-mounted controller and sensor that combine wireless communication and occupancy/daylight harvesting control into a single unit. Each component is uniquely addressed to send, receive, and share control commands wirelessly. Scalability is straightforward, as each device relays information to the next, extending the network's range and control capabilities.

App Download

Download on the **App Store**

GET IT ON **Google Play**

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Keilton®

INTEGRATED LOW VOLTAGE DAYLIGHT HARVESTING/BI-LEVEL PIR MOTION SENSOR-IFSO6R

MODELS

IFS06R, 12V DC

SPECIFICATIONS AND FEATURES

Input Voltage:12V DC
Input Current:9mA
Standby Power:0.1W
Warranty: Five year warranty
Detection range:32ft Max
Mounting height:23ft Max
IP rate: IP20
Op.temperature: -30F~131F
(-30℃~55℃)
Fixture Die Cut: 20.8x64.8mm

PRODUCT OVERVIEW

INTEGRATED LOW VOLTAGE DAYLIGHT HARVESTING/BI-LEVEL PIR MOTION SENSOR-IFSO6R

IFSO6R is compact size PIR sensor combines occupancy sensing with photocell. When used with 0-1OV dim-to-off LED drivers, it enables any lighting manufacturer to deliver sensor-equipped fixtures with minimal engineering effort. It operates on I2V DC which can be supplied by a LED driver, which will save OEM cost on manufacturer side. Different mode can be selected according to different applications through RM5 I IR remote controller. The integrated photocell can switch the lights on and off for dusk to dawn control, so that lighting remains on overnight even without motion detection. Under daylight harvesting mode, the auto-calibration funcation can control the amount of electric light by measuring the overall combined natural and electric light to achieve the desired light levelSupport push button wire connection. Support super low profile luminare.
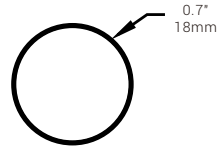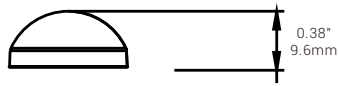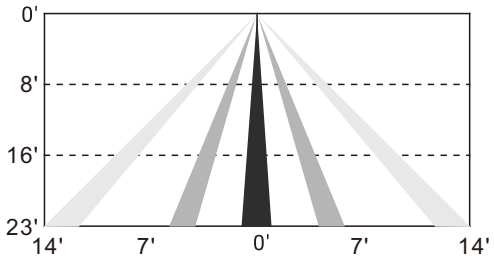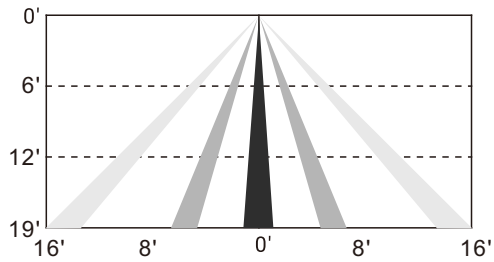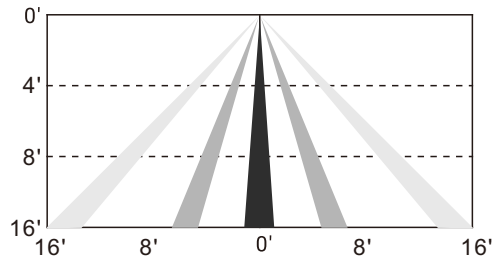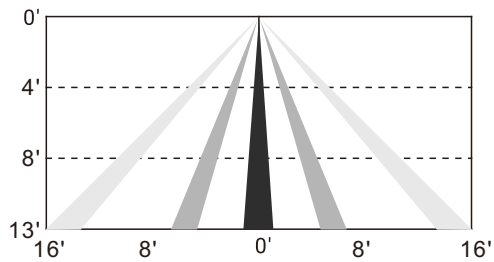
DIMENSION

WIRING

Keilton®

LBL1

0.38"
9.6mm

0.7"
18mm

LBL1 Coverage Side View

LBL1 Coverage Top View

Height 19'

Dimming Curve																				
0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
0.001	0.5	1.01	1.51	2.01	2.51	3.02	3.52	4.03	4.53	5.04	5.54	6.05	6.54	7.05	7.55	8.06	8.55	9.07	9.56	9.97

Voltage

10
8
6
4
2
0

5% 10% 15% 20% 25% 30% 35% 40% 45% 50% 55% 60% 65% 70% 75% 80% 85% 90% 95% 100%
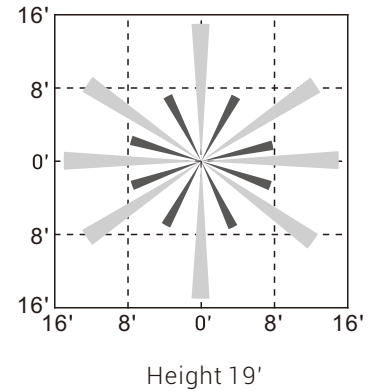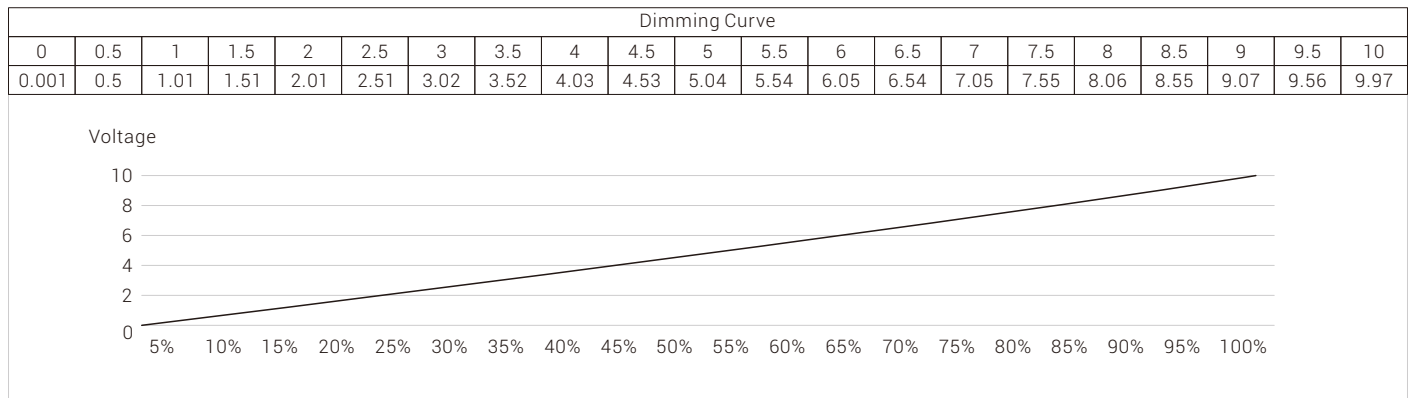
REMOTE INSTRUCTION

Memory Mode (Commissioning) To begin commissioning, follow the steps below:

1. Select either A, B, C, D.
2. Indicator lights on the remote will flash to indicate the current saved settings.
3. Settings can be configured by pressing appropriate buttons in the highlighted gray area of the remote. (TRIM-LEVEL, SENSITIVITY, HOLD TIME, STANDBY DIM, STANDBY TIME, and PHOTOCELL). Review selected settings and make changes as necessary.
4. Point IR remote to desired luminaire for configuration and press ˝SEND˝.
5. If configuration is successful, luminaire will flash two times suggesting settings are saved. Any parameter change to the current saved settings on A to F will override previous settings and will be automatically saved on the remote. If configurating multiple luminaires, select the configured memory mode A to E then follow steps 4 and 5.
*** **E Mode** allows visual adjustment to choose the desired dimming Level.

Continuous Adjustment Mode or Daylight Harvesting (F Mode)
Enables dimmability in response to daylight availability.

1. Point IR remote to desired luminaire
2. Press ˝ON˝ then press DIM+ or DIM- to adjust dimming level.
3. Press ˝F", indicator lights on the remote will indicate current saved settings. Note: only TRIM-LEVEL, SENSITIVITY, and HOLD TIME can be selected for Daylight Harvesting settings.
4. Review selected settings and make changes as necessary. Press ˝SEND˝.
5. If configuration is successful, luminaire will flash twice to confirm setting saved.
   If configurating multiple luminaires, select the configured DAYLIGHT HARVESTING settings then follow steps 4 and 5.

ON	Turns On Luminaires
OFF	Turns OFF Luminaires
TEST	Test mode will last 5 mins then return to previous setting Test mode will hold time 2 seconds SDL 50% and standby time 2 seconds
RESET	See below for factory settings highlighted in yellow
DIM+/-	Remote will manually dim luminaire up or down by increments of 0.5volts. Must be smooth dimming if holding dimming button.
TRIM-LEVEL	Set Maximum threshold value 50/75/100%(Default = 100%)
SENSITIVITY	OFF(PIR OFF Enter PC ON/OFF function)/LOW(50%)/HIGH (100%) (Default=HIGH)
HOLD TIME	(time of no occupancy after which fixture goes to stand by) 30s / 5min /15min / 30min (Default= 5min)
F MODE DAYLIGHT HARVESTING	(Enable/Disable) Measure and set feature to allow the fixture to maintain a light level. If turned ON. (Default = Disabled)
STANDBY DIM	Select any standby dim level 0/10/30/50% (Default=50%)
STANDBY TIME	Stand by time - 10s / 5min /15min / 30min / 1h / ∞. "∞" means the stand-by time is infinite and the fixture is effectively controlled by the daylight sensor) (Default=30min)
PHOTOCELL	LOW (1fc) MED (20fc) and HIGH (50fc) settings (Default = Disabled) CAL Collecting The current Lux Level
MODE	Set settings to a Program profile A to D
SEND	Send settings to sensor