



DEEP ROOF LIGHTING INC.

55 Sea Cliff Avenue, Glen Cove, NY 11542

P.O. Box 520191, Flushing, NY 11352

Tel: 516-676-9100, 9101, 9103, 9105, 9106

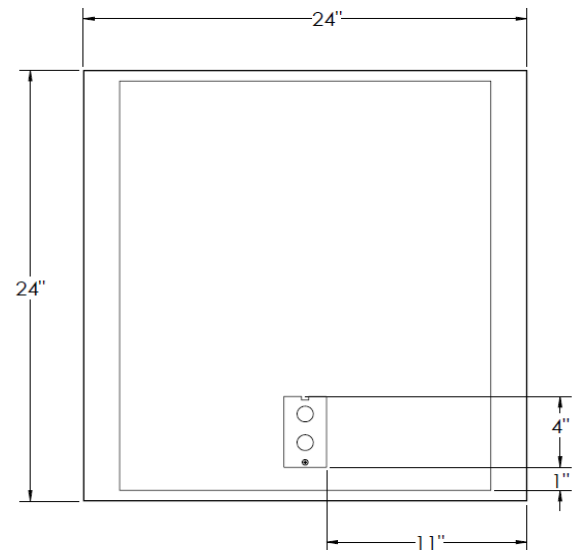
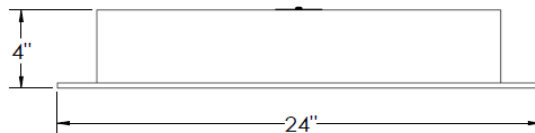
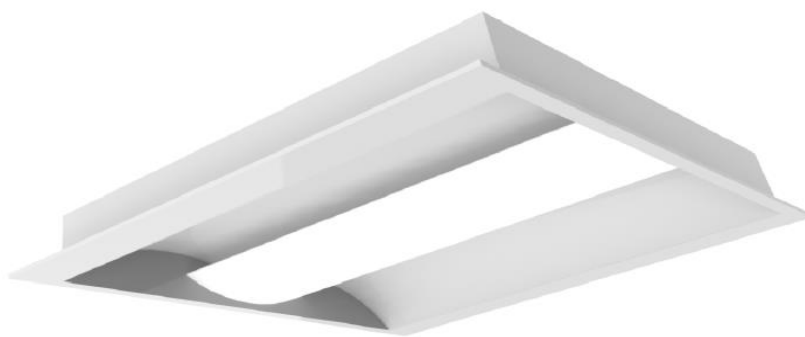
Fax: 516-676-9109

Web Site: www.deeprooflighting.com

Email: deeproof@aol.com jay@deeprooflighting.com

LED Basket Troffer V-series

UL DLC



Input Power: 33 watts

CRI: 80+

CCT: 4000K

Input Voltage: 120-277 VAC

Warranty: 5 Years†

Lifetime: Designed to last 50,000+ hours at L70

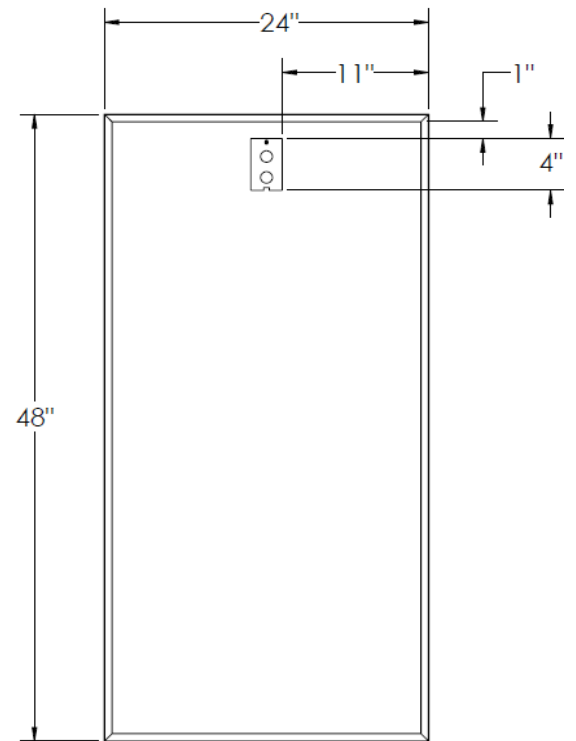
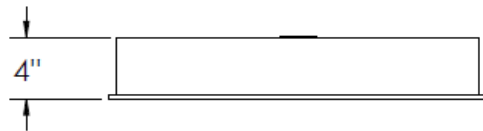
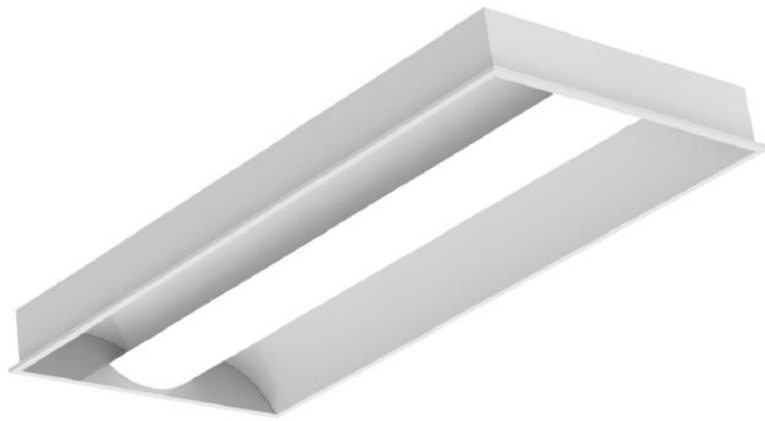
Dimming: Dimmable to 0% with 0-10V DC control*. Bi-Level control available or daylight harvesting controls.

Mounting: Fits Standard drop ceiling or T-Grid

Dimensions: L 24" x W 24" x H 3"

Weight: Max 18 lbs.

Environmental: Rated for Indoor and damp Location



Input Power: 40 watts

CRI: 80+

CCT: 4000K

Input Voltage: 120-277 VAC

Warranty: 5 Years†

Lifetime: Designed to last 50,000+ hours at L70

Dimming: Dimmable to 0% with 0-10V DC control*. Bi-Level control available or daylight harvesting controls.

Mounting: Fits Standard drop ceiling or T-Grid

Dimensions: L 48" x W 24" x H 3"

Weight: Max 26 lbs.

Environmental: Rated for Indoor and damp Location

ITEM CODES

LBK-V22-D40

2x2, 33 watts, 4000K, 3300 Lumen, 120-277 VAC, 0-10 VDC dimm

LBK-V24-D40

2x4, 40 watts, 4000K, 4100 Lumen, 120-277 VAC, 0-10 VDC dimm

CONSTRUCTION & MATERIALS

- White translucent acrylic lens for optimum lighting output
- 20 Gauge cold-rolled steel lower reflector finished with a textured high reflectance white polyester powder coating creates a comfortable visual transition from the lens to the ceiling plane.
- Thermal management system uses integral heat sink to conduct heat away from LEDs and transfer it to the plenum space for optimal performance. LED junction temperatures stay below specified maximum when installed in typical commercial installations.

OPTICAL SYSTEM

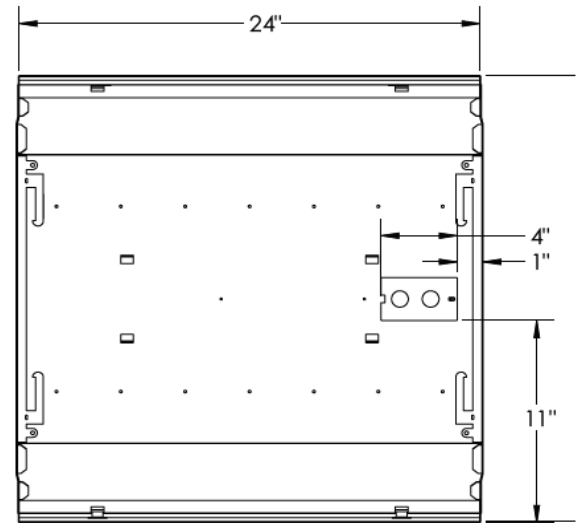
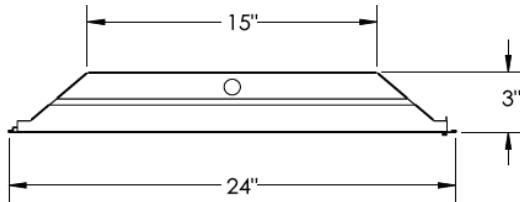
- Unique combination of reflective and refractive optical components achieves a uniform, comfortable appearance while eliminating pixelation and color fringing.
- Components work together to optimize distribution, balancing the delivery of high illuminance levels on horizontal surfaces with an ideal amount of light on walls and vertical surfaces. This increases the perception of spaciousness.
- Diffusing lens shields direct view of LEDs while lower reflector balances brightness of lens with the ceiling to create a low-glare high angle appearance.

ELECTRICAL SYSTEM

- Proprietary Integral, high-efficiency driver and power supply.
- Power Factor = 0.9 nominal
- Input Voltage: 120V-277V, 50/60Hz
- Dimming : Fully Dimmable to 0% with 0 to 10V DC control protocol.
- Standard quick disconnects provided to comply with US and Canadian electrical codes
- 3-1/2 npt (12.7mm) knockouts provided for electrical wiring.

LED Lenses Troffer L-series

UL DLC



Input Power: 33 watts

CRI: 80+

CCT: 4000K

Input Voltage: 120-277 VAC

Warranty: 5 Years†

Lifetime: Designed to last 50,000+ hours at L70

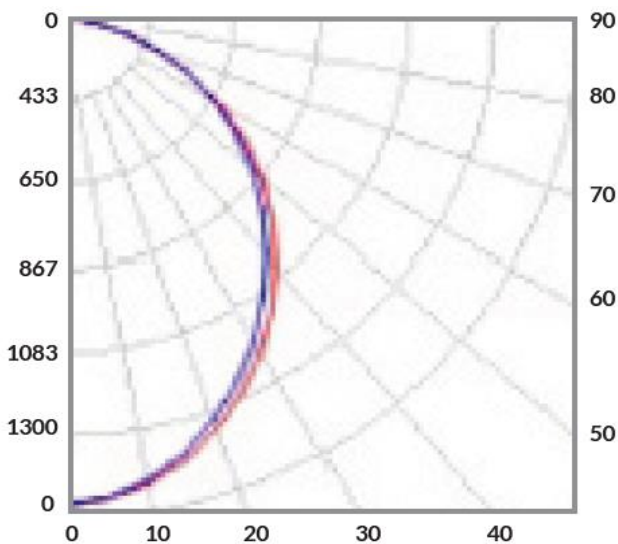
Dimming: Dimmable to 0% with 0-10V DC control*. Bi-Level control available or daylight harvesting controls.

Mounting: Fits Standard drop ceiling or T-Grid

Dimensions: L 24" x W 24" x H 3"

Weight: Max 18 lbs.

Environmental: Rated for Indoor and damp Location

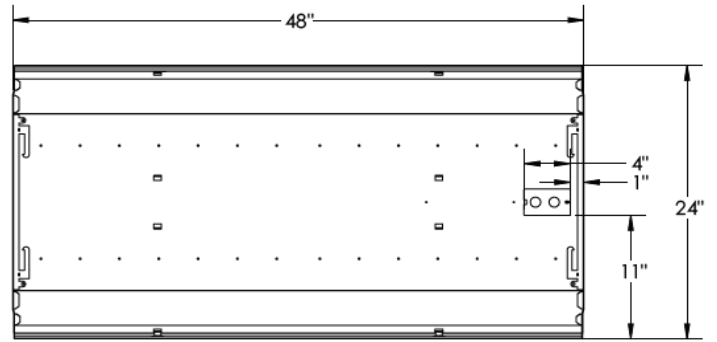
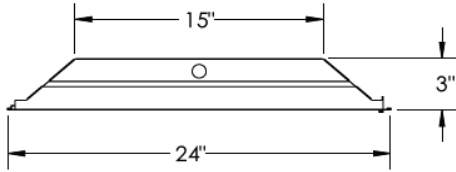


ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fix
0-30	932.5	30.2%	30.2%
0-40	1492.3	48.3%	48.3%
0-60	2530.5	82%	81.9%
0-90	3084.2	99.9%	99.8%

INTENSITY SUMMARY (Candlepower)

Angle	0°	90°
0°	1262	1262
5°	1247	1250
15°	1166	1185
25°	1038	1067
35°	880	749
45°	712	563
55°	533	352
65°	346	352
75°	168	151
85°	30	27
90°	1	0



Input Power: 52 watts

CRI: 85

CCT: 4000K

Input Voltage: 120-277 VAC

Warranty: 5 Years†

Lifetime: Designed to last 50,000+ hours at L70

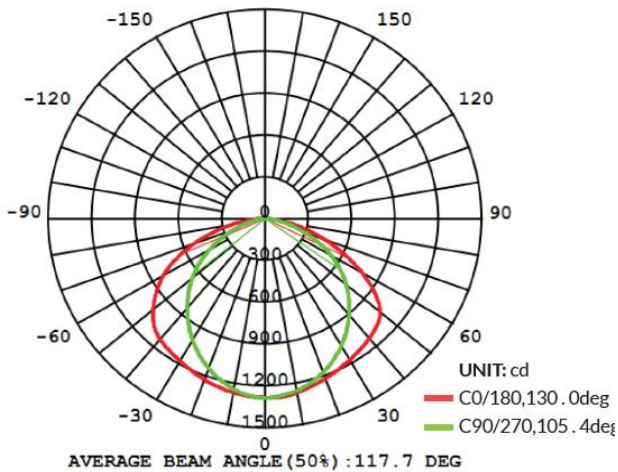
Dimming: Dimmable to 0% with 0-10V DC control*. Bi-Level control available or daylight harvesting controls.

Mounting: Fits Standard drop ceiling or T-Grid

Dimensions: L 48" x W 24" x H 3"

Weight: Max 36 lbs.

Environmental: Rated for Indoor and damp Location



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fix
0-30	1144	26%	26%
0-40	1898	34.2%	34.2%
0-60	3471	70.5%	70.5%
0-90	4401.2	99.9%	99.8%

INTENSITY SUMMARY (Candlepower)

Angle	0°	90°
0°	1284	1284
5°	1283	1276
15°	1245	1220
25°	1197	1119
35°	1146	983
45°	1093	822
55°	929	634
65°	604	408
75°	283	183
85°	46	40
90°	2	4.6

ITEM CODES

LLT-L22-D40	2x2, 33 watts, 4000K, 3500 Lumen, 120-277 VAC, 0-10 VDC dimm
LLT-L24-D40	2x4, 52 watts, 4000K, 4700 Lumen, 120-277 VAC, 0-10 VDC dimm

CONSTRUCTION & MATERIALS

- Optional 2nd lens material to swap out prismatic lens to white translucent material.
- Thermal management system uses integral heat sink to conduct heat away from LEDs and transfer it to the plenum space for optimal performance. LED junction temperatures stay below specified maximum when installed in typical commercial installations.
- 20 Gauge cold-rolled steel lower reflector finished with a textured high reflectance white polyester powder coating creates a comfortable visual transition from the lens to the ceiling plane.

OPTICAL SYSTEM

- Unique combination of reflective and refractive optical components achieves a uniform, comfortable appearance while eliminating pixelation and color fringing.
- Components work together to optimize distribution, balancing the delivery of high illuminance levels on horizontal surfaces with an ideal amount of light on walls and vertical surfaces. This increases the perception of spaciousness.
- Diffusing lens shields direct view of LEDs while lower reflector balances brightness of lens with the ceiling to create a low-glare high angle appearance.

ELECTRICAL SYSTEM

- Proprietary Integral, high-efficiency driver.
- Power Factor = 0.9 nominal
- Input Voltage: 120V-277V, 50/60Hz
- Dimming: Fully Dimmable to 0% with 0 to 10V DC control protocol.
- Standard quick disconnects provided to comply with US and Canadian electrical codes
- (3) - .5" npt (12.7mm) knockout provided for electrical wiring.