1X4 RDI LED Series
Recessed Direct-Indirect Center Basket

Project	
Type	
Catalog #	

Overview

This attractive 1'x4' Direct/Indirect Center Basket Troffer Unit employs a soft low-glare contemporary design. The RDI-C unit is designed to provide uniform balanced illumination, consistent distribution, and high-end appearance.

Designed for use in most offices and retail establishments, this unit is as efficient as it is attractive.

Standard

UL LISTED · DAMP · BAA

CONSTRUCTION

Housing is die formed from heavy gauge steel and is finished in a matte white polyester powder coating for maximum reflectivity and durability. Perforated center basket incorporates hinges from both sides.

ELECTRICAL

All units are furnished with UL Listed Class P thermally protected led drivers. Other voltages are available upon request. Fixtures meet requirements for UL Luminaire Standard # 1598. All units comply with National Energy Standard. All units are UL certified damp location. Operates at a voltage of 120-277 (public spaces) with input voltage fluctuations of plus/minus 10 percent.

- Power Factor (PF) greater than or equal to 0.90 at full input power and across specified dimming range.
- Maximum Total Harmonic Distortion (THD) less than 20 percent at full input power and across specified dimming range.
- Operates for at least 50,000 hours at maximum case temperature and 90percent non-condensing relative humidity.
- Withstands Category A surges of 4 kV without impairment performance.
- Integral thermal protection that reduces the output power to protecthe driver and light source from damage if the case temperature approaches or exceeds the driver's maximum operating temperature.
- 47 CFR 15. Complies with the requirements of the Federal Communications Commission (FCC) rules and regulations, Non-Consumer (Class A) for EMI/RFI(conducted and radiated).
- Class A sound rating.
- Restriction of Hazardous Substances (RoHS) compliant.

WARRANTY & LISTINGS

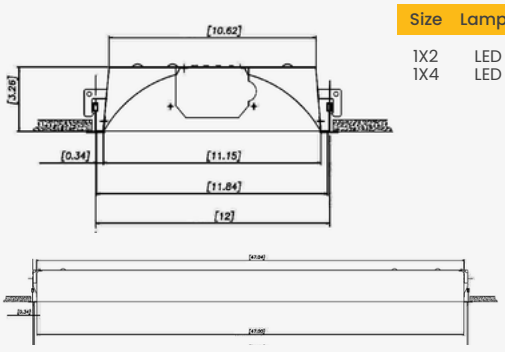
- 5-year warranty of all electronics and housing.
- UL Certified for damp location
- 50,000 hours of L70 LED Life
- CRI >80 (>90 AVAILABLE UPON REQUEST)

MOUNTING

Designed for use in inverted T Bar ceilings, this fixture comes with integral earthquake clips built into end plate. All units are equipped access plates for easy wiring as well as 7/8" knockouts in top, sides and end of all units.

DIMENSIONS

Max weight= 20lbs



Size	Lamps	H	W	L
1X2	LED	3.25	11.7	23.7
1X4	LED	3.25	11.7	47.7

ORDERING GUIDE

Series	Size	Lumens		Color Temp	Options
1X4 RDI LED	**12** = 1X2 **14** = 1X4	**1X2** 3220 (19W) 4480 (27W) 5705 (34W) SELECTABLE WATTAGE **SW2** 17W/2850lm 23W/3752lm 32W/5470lm	**1X4** 6910 (41W) 8640 (54W) 11797 (78W) SELECTABLE WATTAGE **SW4** 23W/3680lm 30W/4775lm 40W/6050lm	**30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K **SCT3** - 3/4/5K **SCT35** - 35/4/5K	**EMER** = Emergency driver **FR** = Frosted lens over LED Boards **NWLC** = Network lighting control**

* 0-10v low voltage dimming standard per fixture

* Higher and custom lumen packages available upon request

**Contact the factory for more information

***SELECTABLE WATTAGE ONLY AVAILABLE WITH SCT 35/40/50**

KB Lighting Mfg Co Inc | 2515 Metropolitan Drive, Trevose, PA 19053 | P: 215-953-6663 | F: 215-953-6710 | info@kblighting.com

Specifications and dimensions subject to change without notice.