KB LIGHTING

PRK-LED-22-40PS-8CSA
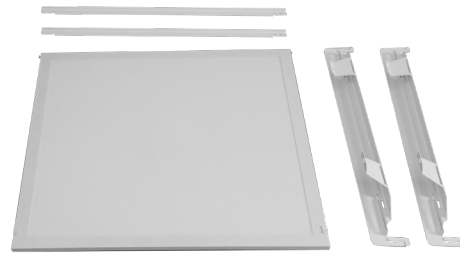## LED PANEL DOORFRAME RETROFIT KIT

PROJECT	
TYPE	
CATALOG #	

2'x2' LED panel doorframe kit, 20, 30 and 40W,
120-277V input, 0-10V dimming

PRODUCT FEATURES

- Used to Upgrade existing 2x2 fluorescent recessed troffer, without modifying existing fixture mounting.
- CCT selectable (3500K, 4000K, or 5000K)
- Wattage selectable (40W, 30W, or 20W)
- Construction features precise optical lenses over each individual LED, offering optimal light diffusion and consistent surface illumination, with no risk of yellowing over product lifetime

- Powered by 0-10V Dimming LED Driver
- Suitable for damp locations
- Over 50% energy savings compared to traditional fluorescent troffers
- Operating temp range -20ºC/-4ºF to 40ºC/104ºF

5 YEAR WARRANTY   DLC   c(UL)us CLASSIFIED

PERFORMANCE SPECIFICATIONS

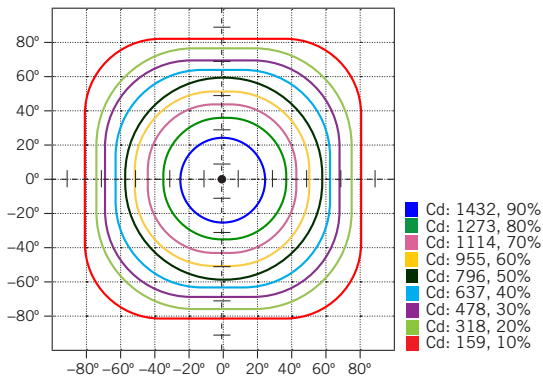| Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	CRI	Power Factor	Efficacy	Lifetime
PRK-LED-22-40PS-8CSA*	120-277V	40W	3500K	4,400	>80	>0.9	110 lm/W	50,000 Hours
			4000K	4,500			113 lm/W	
			5000K	4,500			113 lm/W	
	120-277V	30W	3500K	3,300			110 lm/W	
			4000K	3,400			113 lm/W	
			5000K	3,400			113 lm/W	
	120-277V	20W	3500K	2,200			110 lm/W	
			4000K	2,250			113 lm/W	
			5000K	2,250			113 lm/W	

ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS
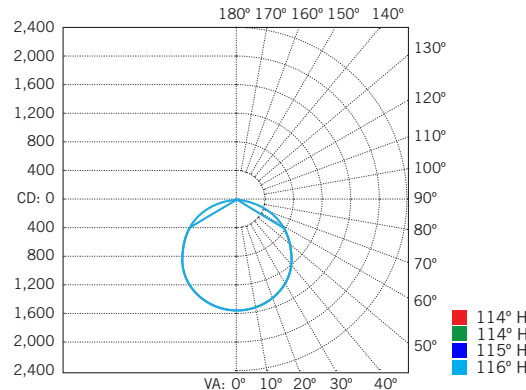
* Preset to highest lumen output (40W / 5000K)
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.
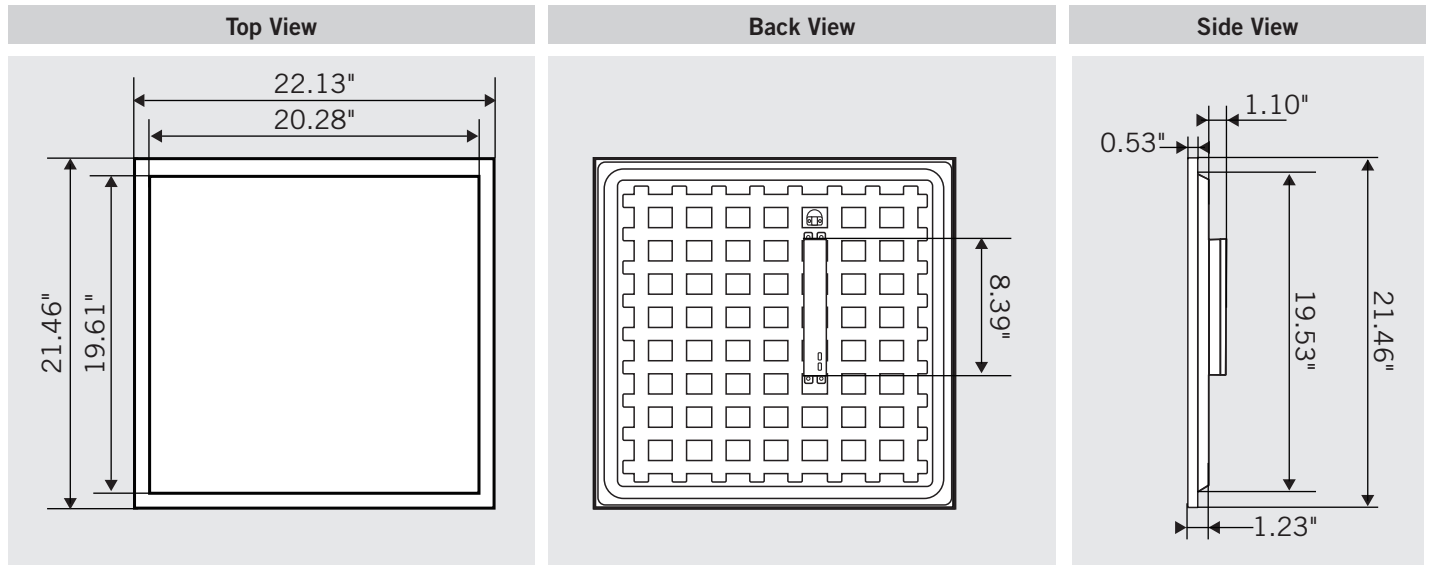
PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT

Cd: 1432, 90%
Cd: 1273, 80%
Cd: 1114, 70%
Cd: 955, 60%
Cd: 796, 50%
Cd: 637, 40%
Cd: 478, 30%
Cd: 318, 20%
Cd: 159, 10%

POLAR CANDELA DISTRIBUTION

114° H
114° H
115° H
116° H

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-60	3,650.1	78.5%
60-90	997.6	21.5%
0-90	4,647.7	99.9%
90-180	2.6	0.06%
0-180	4,650.4	100%

NOTE: Charts are represented by 5000K

KB LIGHTING

PRK-LED-22-40PS-8CSA
LED PANEL DOORFRAME RETROFIT KIT

PROJECT	
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PHYSICAL SPECIFICATIONS

Top View	Back View	Side View

Top View: 22.13" / 20.28" / 21.46" / 19.61"

Back View: 8.39"

Side View: 1.10" / 0.53" / 19.53" / 21.46" / 1.23"

WEIGHT INFORMATION

1 Piece
8 lbs

INSTALLATION INSTRUCTIONS

Always turn off the power supply from main circuit breaker first!

1. Dismantle accessories from the original housing (ballast, fluorescent tube, sockets, bracket and other accessories that may interfere the installation). Note: The original housing must be retained in place. Reserve the L&N wire of original housing to connect retrofit kit in later step. Plug previous holes from ballast with appropriate screws and nuts.
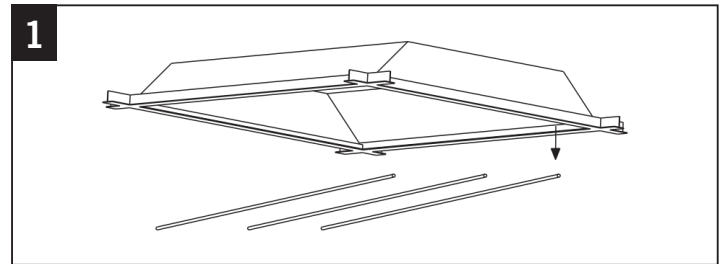
2. Insert the two brackets into the clearance between the housing and T-grid.
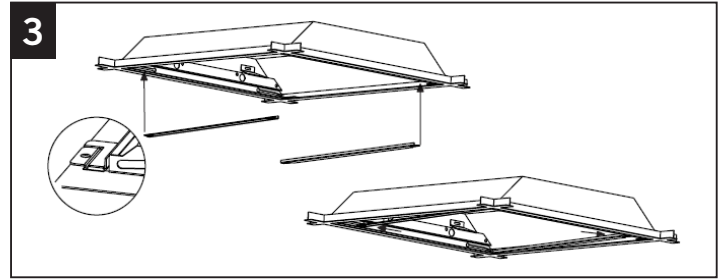
KB LIGHTING
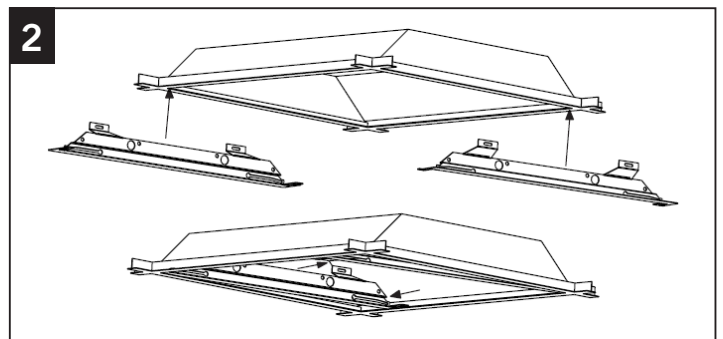
PRK-LED-22-40PS-8CSA
LED PANEL DOORFRAME RETROFIT KIT

| PROJECT	
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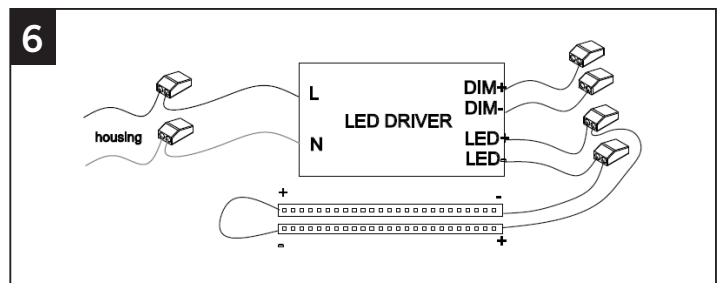3. Insert the two side bars into the clearance between the brackets and the T-grid.

3

4. Using the included self-tapping screws, use electronic screwdriver to secure brackets into place through bracket mounting holes from inside of the fixture. Caution: Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Ensure that enclosed wiring and components have not been damaged.

4
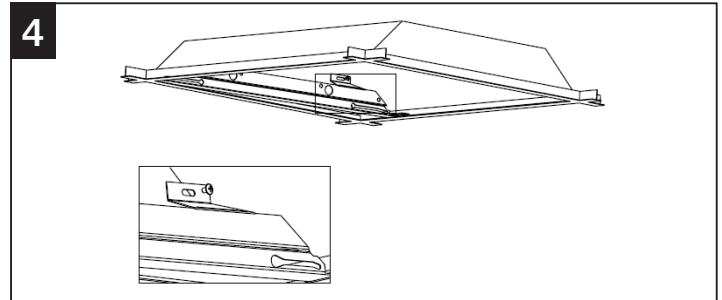
5. Embed the rotary screws on the edge of the panel into the bracket chutes. Push to the end in the direction of chutes to secure panel.
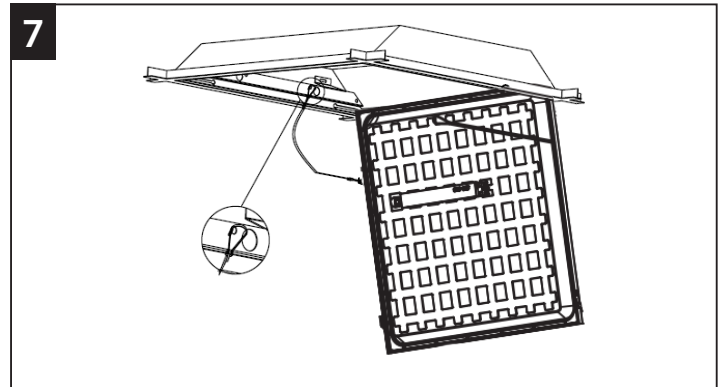
5
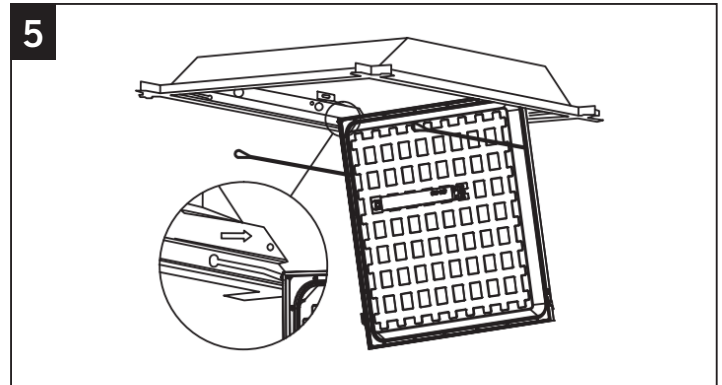
6. Connect L&N wire from original housing to the driver of the retrofit using appropriate connectors. If using 0-10V dimmer, connect DIM+,DIM- to 0-10V dimmer wires. Connect the green ground wire of the retrofit kit to the fixture with a wiring cap to ensure grounding safety.
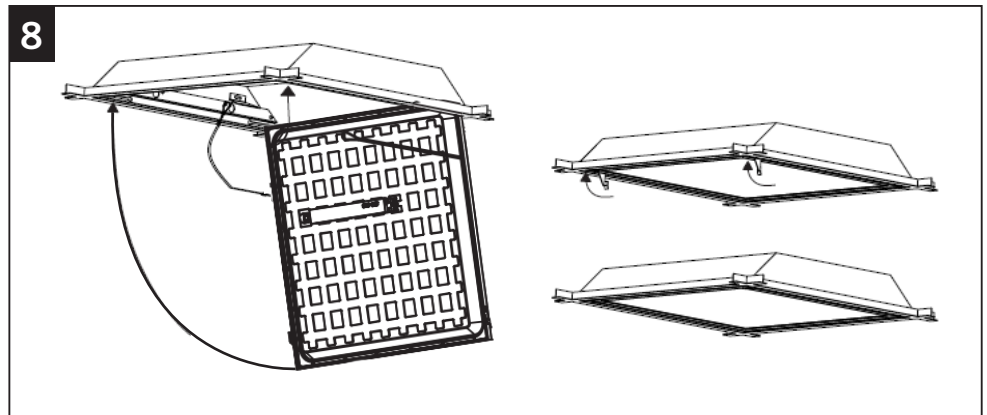
6

housing   L   DIM+
           N   DIM-
    LED DRIVER   LED+
                  LED-

KB LIGHTING

2515 METROPOLITAN DRIVE TREVOSE, PA 19053   P: (215) 953-6663   F: (215) 953-6710   E: BKESSEL@KBLIGHTING.COM
Specifications and dimensions subject to change without notice.

7. Attach clips from the retrofit kit to the brackets.

8. Close the retrofit kit door into the fixture and rotate the clips to secure the door closed.

COMPONENT SUMMARY

CATALOG NUMBER	QUANTITY
LED Module including - LED Driver/Power Supply and LED Array (Not Field Replaceable)	1
Mounting Bars	2
Mounting Brackets	2
Installation Instructions	1
Luminaire Marking Labels	1
Miscellaneous Hardware include 4 pcs M4.6*13 screws	1

ORDERING INFORMATION

CATALOG NUMBER	CARTON QTY.	EASY CODE	UPC
PRK-LED-22-40PS-8CSA	1	RDB-99	843654136691