

INTRODUCTION

The patented KuDo 6L™ troffer retrofit kit luminaire is designed to retrofit fluorescent lay-in T-Bar grid troffers. Suitable for commercial, institutional, and retail applications. The KuDo 6L™ features provide highly efficient low glare lighting, extreme power savings, along with low installation and maintenance costs. The sleek profile, flexible design features, and simple mounting process make the KuDo 6L™ a perfect choice for Schools, Offices, and many other commercial and retail applications.


CONSTRUCTION

Punched and formed sheet steel reinforced housing with robust end frame. Hinge bolts with stops are mounted in threaded brass barrel inserts on the LED housing body to fit into two lift rails with locking guide slots that fit under the existing luminaire. KuDo 6L™ lift, shift and lock or KuDo 6L™ latch housing is fully hidden behind T-Bar on two opposing sides providing the seamless aesthetic of a brand-new fixture. Post painted powder coat white finish. All components are accessible from below for easy maintenance. Lift rails may be screwed to T-Bar if necessary and LED housing includes safety aircraft cable. Driver platform is secured to back of LED housing. LED modules removable with one screw. Lens retention shoulders span full length of housing.

PERFORMANCE

KuDo 6L™ luminaires offer high efficacy (see chart); CRI >80; THD <10%; PF >99. Projected life beyond 100,000 hours. LED modules and drivers are offered with a standard 5-year warranty based on performance under normal conditions. (consult warranty for details)

FLEXIBLE ELECTRICAL STANDARD FEATURES

- For Canada, KuDo 6L™ includes 120/347V
- For USA, KuDo 6L™ includes 120/277V
- Disconnect provided on input power wires
-  BLU Ecosystem™ compliant



U.S. Pat. No. 11,193,636

OPTICS

Extruded PMMA diffusers are securely mounted onto continuous metal shoulders by gently squeezing the diffuser and fitting lens grooves over the shoulder edges. Obscure lens provides extreme efficiency while offering full space distribution suitable for typical office or classroom usage. Angled side reflector panels offer pleasing aesthetic.

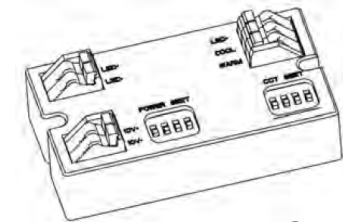
COMPLIANCE

The KuDo 6L™ is cCSAus listed for damp locations and -20°C to +40°C ambient environments. RoHS compliant. LED modules comply with IESNA LM-79 & LM-80 standards.

NOTE 1: Specifications subject to change without notice.

NOTE 2: Not all models are DLC certified. Consult factory.

Also available with the **SWiTCHee™** (Power) and **SWiTCHee™ CCT** (Power and Color) adjustability option. (Patent Pending)



See page 3



AFFORDABLE EFFICIENT LIGHTING SOLUTIONS

Visit www.BLU-Ecosystem.com for more information.



ISO 9001:2008



C US

NOMENCLATURE						
FAMILY SERIES	SIZE	CCT	DRIVER	WATTS	VOLTS	ACCESSORY
K6L - KuDo 6L™	24 - 2 x 4	T - 2700-6500K	P - Philips 0-10V	50	1 - 120/277V	*BB - Battery Backup
	22 - 2 x 2	U - 3000-5000K	B - BLU Ecosystem™	35	C - 120/347V	PIR - PIR Sensor
	14 - 1 x 4			30		SW - SWiTCHee™
	26 - 20" x 60"			29		SWC - SWiTCHee™ CCT
						*BB not available for 1 x 4

KuDo 6L™				
SIZE	Philips Lumens	0-10V	LUMENS	BLU Ecosystem™
2 x 4	3800	30W	4015	29W
2 x 2	5950	50W	6000	50W
2 x 2	3820	30W	3900	29W
1 x 4	3840	30W	3900	29W
20" x 60"	3450	25W	4000	29W



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SWiTCHee™ CCT

Power & Color Settings

Patent Pending

	DIP SWITCH				Philips 30W
	1	2	3	4	
1	OFF	OFF	OFF	OFF	9W
2	ON	OFF	OFF	OFF	11W
3	OFF	ON	OFF	OFF	13W
4	ON	ON	OFF	OFF	15W
5	OFF	OFF	ON	OFF	17W
6	ON	OFF	ON	OFF	19W
7	OFF	ON	ON	OFF	21W
8	ON	ON	ON	OFF	23W
9	OFF	OFF	OFF	ON	24W
10	ON	OFF	OFF	ON	26W
11	OFF	ON	OFF	ON	28W
12	ON	ON	OFF	ON	30W
13	OFF	OFF	ON	ON	31W
14	ON	OFF	ON	ON	31W
15	OFF	ON	ON	ON	31W
16	ON	ON	ON	ON	31W

	DIP SWITCH				CCT (K)
	1	2	3	4	
1	OFF	OFF	OFF	OFF	3000
2	ON	OFF	OFF	OFF	3500
3	OFF	ON	OFF	OFF	4000
4	OFF	OFF	ON	OFF	4500
5	OFF	OFF	OFF	ON	5000



U.S. Pat. No. 11,363,687

SMART
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CLOUD



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