

Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
18W (4')	45.8"	45.4"	45.22"

Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's high performance LED T5 retrofit kits are designed for the replacement of existing T5 fluorescent lighting systems. The LED-RK85 series system is offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The LED driver wires the same as Instant Start T5 ballasts for fast and easy installation.

APPLICATION


- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- 360 PCS High Output LED's.
- High power factor, low THD driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- Mercury free design.
- No radiated EMI interference.
- 5 Year Warranty.
- **Optional:** 0-10V Dimming, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-RK85018-2L-UNV-841-R17D
 Custom options and accessories available. Please consult factory

Series	Wattage	Driver	Voltage	Color Temp.	Options
LED-RK85 = T5 Retrofit Kit	018 = 18 W	1L = 1 Lamp System w/ Driver 2L = 2 Lamp System w/ Driver	UNV = 120-277 VAC UNV-0-10VDIM = 0-10V Dimming * Contact Factory for dimming options	835 = 3500°K 841 = 4100°K 850 = 5000°K	R17D = Recessed Double Contact Caps 



PRODUCT INFORMATION

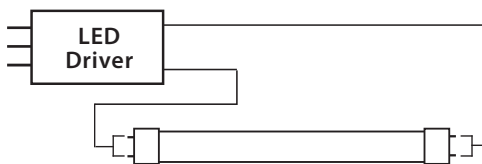
Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-RK85018-UNV-835	18	0.157-0.068	>0.90	<20%	3,500°	>80	1,800	100	46"	G5	120°
LED-RK85018-UNV-841	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,836	102	46"	G5	120°
LED-RK85018-UNV-850	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,872	104	46"	G5	120°

SPECIFICATIONS

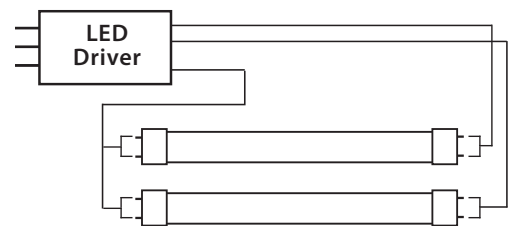
- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Driver Line Voltage 120-277 VAC
- Lamp Voltage 36-42 VDC
- Input Line Frequency 50/60 Hz
- Driver Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -20°C
- Maximum Starting Temperature 50°C
- Lumens per Watt > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)

1 Lamp T5 System



2 Lamp T5 System



Neptun Light, Inc.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.
©2002-2016 Neptun Light, Inc. All rights reserved. Spec. Rev. 7-2016