



Rexel

**ENERGY
SOLUTIONS**

MILLION LED CHALLENGE

COMPREHENSIVE ENERGY OPTIMIZATION SOLUTIONS

rexelenergy.com

LINEAR LED LAMPS AND DRIVERS

INTEGRATED WITH ROBUST DIMMING AND CONTROL FUNCTIONALITY



LAMPS

DRIVERS

2' LAMPS

9W – 3500K – Dimmable
9W – 5000K – Dimmable

2' DRIVERS

2 lamp – LED Driver for (1-2) lamps
4 Lamp – LED Driver for (3-4) lamps

4' LAMPS

18W – 3500K – Dimmable
18W – 5000K – Dimmable

4' DRIVERS

2 lamp – LED Driver for (1-2) lamps
4 Lamp – LED Driver for (3-4) lamps

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LINEAR LED LAMPS AND DRIVERS

SPECIFICATIONS



2' LAMPS

KT-LED9T8-24G-9XX-E T8 LED LAMP

DESCRIPTION

8.5W T8 LED Tube | Type C | 3500K and 5000K | >90 CRI | 0-10V Dimming



LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
DIMMING TYPE: 0-10V
WATTAGE: 8.5W
LAMP INPUT VOLTAGE: 36-45Vdc
COLOR TEMPERATURE: 3500K and 5000K
COLOR RENDERING INDEX (CRI): >90

PRODUCT FEATURES

- Compatible with Keystone external drive LED drivers
- Replacement for conventional fluorescent lamps
- 50,000+ hour lifetime
- Type C application for custom installations and maximum efficiency
- Environmentally friendly: No mercury used
- Instant startup
- Frosted glass eliminates pixelation
- UL Classified (pending)
- Operating temperature: -20°C/-4°F to 45°C/113°F
- 120+ lumens per watt

OPERATING SPECIFICATIONS

Catalog Number	Color Temp.	KLTD-2LT8-UV-9C-VDIM						KLTD-4LT8-UV-9C-VDIM						Power Factor
		1 Lamp			2 Lamps			3 Lamps			4 Lamps			
		Nominal Input Power	Nominal Lumens	Nominal Efficacy	Nominal Input Power	Nominal Lumens	Nominal Efficacy	Nominal Input Power	Nominal Lumens	Nominal Efficacy	Nominal Input Power	Nominal Lumens	Nominal Efficacy	
KT-LED9T8-24G-935-E	3500K	8.5W	1,125	132 lm/W	17W	2,250	132 lm/W	25.5W	3,375	132 lm/W	34W	4,500	132 lm/W	>0.9
KT-LED9T8-24G-950-E	5000K	8.5W	1,125	132 lm/W	17W	2,250	132 lm/W	25.5W	3,375	132 lm/W	34W	4,500	132 lm/W	>0.9

4' LAMPS

KT-LED18T8-48G-9XX-E T8 LED LAMP

DESCRIPTION

18W T8 LED Tube | Type C | 3500K and 5000K | >90 CRI | 0-10V Dimming



LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
DIMMING TYPE: 0-10V
WATTAGE: 18W
LAMP INPUT VOLTAGE: 36-45Vdc
COLOR TEMPERATURE: 3500K and 5000K
COLOR RENDERING INDEX (CRI): >90

PRODUCT FEATURES

- Compatible with Keystone external drive LED drivers
- Replacement for conventional fluorescent lamps
- 50,000+ hour lifetime
- Type C application for custom installations and maximum efficiency
- Environmentally friendly: No mercury used
- Instant startup
- Frosted glass eliminates pixelation
- UL Classified (pending)
- Operating temperature: -20°C/-4°F to 45°C/113°F
- 120+ lumens per watt

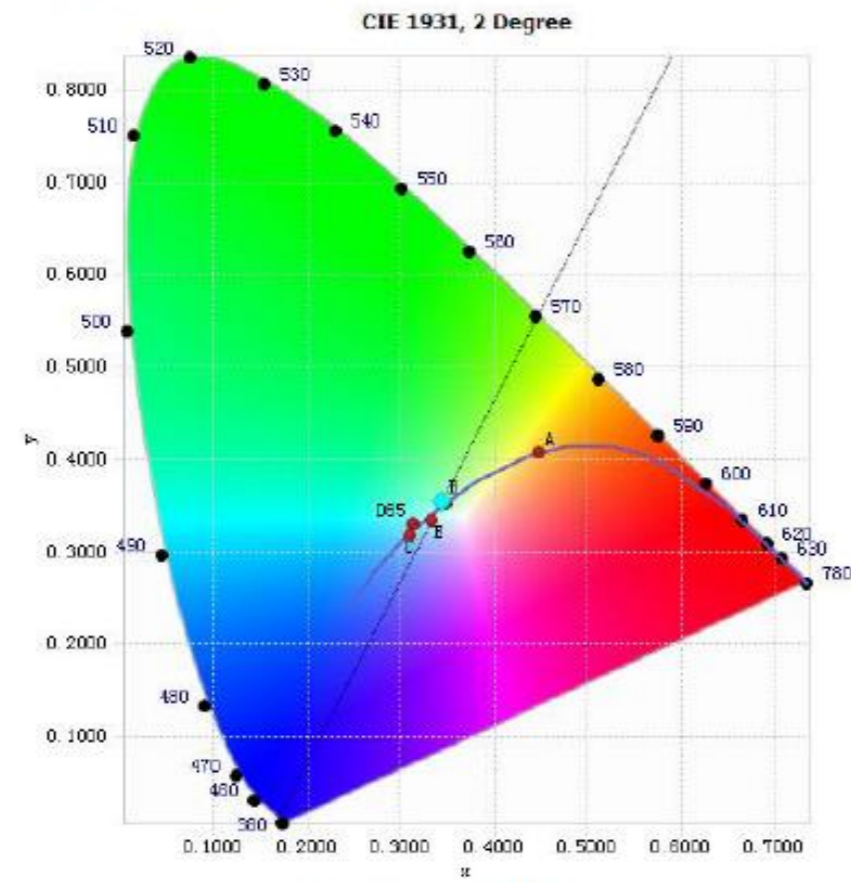
OPERATING SPECIFICATIONS

Catalog Number	Color Temp.	KLTD-2LT8-UV-18C-VDIM						KLTD-4LT8-UV-18C-VDIM						Power Factor
		1 Lamp			2 Lamps			3 Lamps			4 Lamps			
		Nominal Input Power	Nominal Lumens	Nominal Efficacy	Nominal Input Power	Nominal Lumens	Nominal Efficacy	Nominal Input Power	Nominal Lumens	Nominal Efficacy	Nominal Input Power	Nominal Lumens	Nominal Efficacy	
KT-LED18T8-48G-935-E	3500K	18W	2,250	125 lm/W	36W	4,500	125 lm/W	54W	6,750	125 lm/W	72W	9,000	125 lm/W	>0.9
KT-LED18T8-48G-950-E	5000K	18W	2,250	125 lm/W	36W	4,500	125 lm/W	54W	6,750	125 lm/W	72W	9,000	125 lm/W	>0.9

LM-79 TEST REPORT

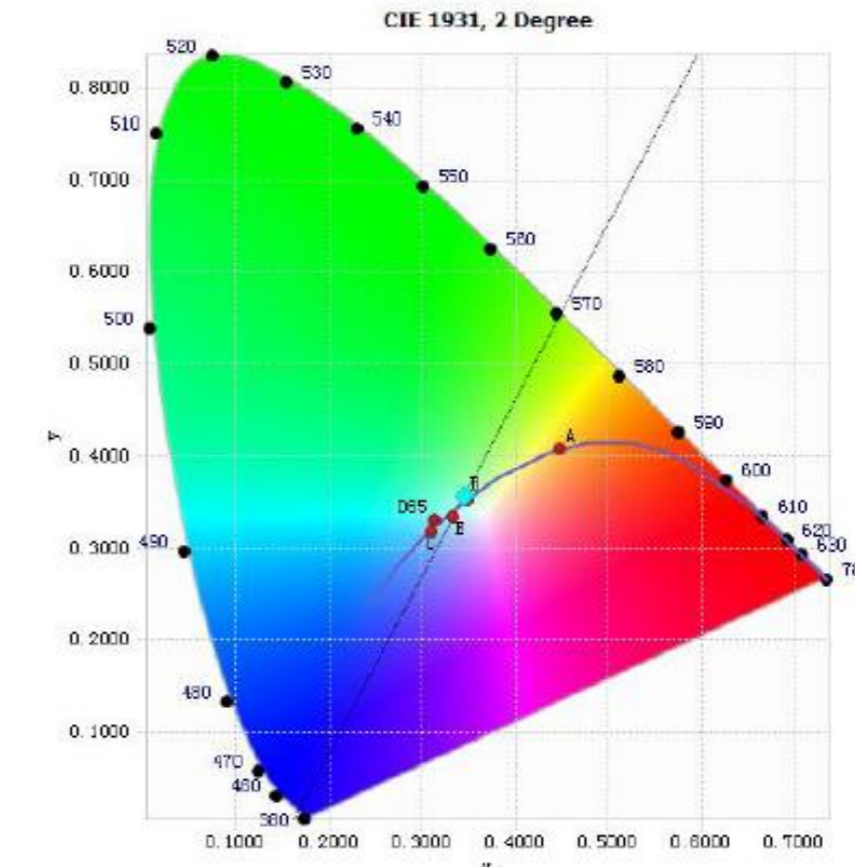
BY LEADING TESTING LABORATORIES

Chromaticity Diagram - Sphere Spectroradiometer Method



Tristimulus values(x, y): (0.3441, 0.3544)
Chart 2: Chromaticity Diagram per Sphere - Spectroradiometer Method

Chromaticity Diagram - Sphere Spectroradiometer Method



Tristimulus values(x, y): (0.3451, 0.3559)
Chart 2: Chromaticity Diagram per Sphere - Spectroradiometer Method

Model	KT-LED9T8-24G-950-E (KLTD-4LT8-9C-VDIM)
Luminous Efficacy (Lumens /Watt)	128.3
Total Luminous Flux (Lumens)	1166.3
Power (Watts)/4	9.09
Power Factor	0.9951
CCT (K)	5042
CRI	92.3
Stabilization Time (Light & Power)	60 mins
Note	5000K

Model	KT-LED18T8-48G-950-E (KLTD-4LT8-18C-VDIM)
Luminous Efficacy (Lumens /Watt)	126.6
Total Luminous Flux (Lumens)	2302.7
Power (Watts)/4	18.20
Power Factor	0.9911
CCT (K)	5011
CRI	91.9
Stabilization Time (Light & Power)	60 mins
Note	5000K

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LIGHTING UPGRADE OPPORTUNITIES

WE'LL HELP YOU IDENTIFY OPPORTUNITIES & UNDERSTAND CONSIDERATIONS

 OUTDOOR AREA/PARKING LOT/PATHWAY	<ul style="list-style-type: none">• Safety & Security• Minimum Light Level• Uniformity	<ul style="list-style-type: none">• Activity Level• Lighting Zone
 ENTRY & LOBBY	<ul style="list-style-type: none">• Navigation• Comfort	<ul style="list-style-type: none">• Friendly & Inviting• Proximity to pedestrian & vehicular traffic
 CLASSROOM & LAB	<ul style="list-style-type: none">• Good visibility• No distractions	<ul style="list-style-type: none">• Alertness• Focused
 LIBRARY/MEDIA CENTER	<ul style="list-style-type: none">• Horizontal & Vertical Tasks• Task Ambient Lighting	<ul style="list-style-type: none">• Ability to concentrate• Flicker-free & Long Hours
 GYMNASIUM & SPORTS LIGHTING	<ul style="list-style-type: none">• Task Oriented• Multi-use	<ul style="list-style-type: none">• Level of play• Flicker-free & Long Hours

MORE THAN LAMPS

COMPREHENSIVE ENERGY UPGRADES FOR EDUCATION

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LIGHTING**



**CLASSROOM &
HALLWAY LIGHTING**



**EXTERIOR
LIGHTING**



**HVAC
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CONSERVATION**



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AIR QUALITY & UV LIGHTING SOLUTIONS
EV CHARGING STATIONS
WATER CONSERVATION & CONTROLS
EC MOTORS, ANTI SWEATS, COOLER CASE BARS
HVAC SOLUTIONS
PLUG LOAD CONTROLS
ENERGY EFFICIENT TRANSFORMERS
SMART INFRASTRUCTURE & IoT
PROGRAMMABLE THERMOSTATS

HOW TO PROCURE

WAYS TO BUY

1

CREDIT CARD

Customers can use credit cards to purchase products. Rexel Energy Solutions has strict credit card procedures in place to keep your sensitive information safe.

2

OPEN A LINE OF CREDIT

Customers can fill out a Credit Application to initiate the process of opening a line of credit. Based on eligibility, you will be able to purchase products using credit.



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REXEL

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SOLUTIONS**

THANK YOU

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