

225 YACHT CLUB ROAD
OAK POINT, TX 75068

Date	Estimate #
9/11/2024	230134

Name / Address
COLLIN COUNTY 2300 BLOOMDALE RD. SUITE 3160 MCKINNEY, TX 75071

		Terms	Bid good for 5 days	
		Net 30	10/11/2024	
Item	Description	Qty	Cost	Total
MISC	REPLACE INTERIOR FLUORESCENT BULBS WITH LED ACCORDING TO PLANS SUPPLIED TO ME FOR ADMIN BUILDING AND EXTERIOR POLE LIGHT FIXTURES AT COURT HOUSE		0.00	0.00T
MISC	ADMIN LIGHTS(LIGHTS, DISPOSAL, ABOUT 10% EXTRA ROUND TO COMPLETE BOXES)		54,189.00	54,189.00T
MISC	ADMIN LABOR		26,600.00	26,600.00T
MISC	COURT HOUSE EXTERIOR POLE LIGHTS, WIRE, WIRENUTS, PERFORMANCE AND PAYMENT BONDING		90,824.88	90,824.88T
MISC	COURT LABOR, BUCKET TRUCK AND MAN HOURS		38,480.00	38,480.00T
MISC	NOTE: EXISTING POWER MUST BE WORKING OR BULB WILL NOT WORK, AND COLLIN COUNTY STAFF WILL HAVE TO FIX.		0.00	0.00T
MISC	NOTE: WE WILL NEED ALL ACCESS ID BADGES FOR ADMIN AND COURT HOUSE BUILDINGS. LET US KNOW WHEN WE CAN GO BY HR TO GET THEM.		0.00	0.00T
MISC	NOTE: PAYMENT DRAWS AFTER LAMP AND/OR LIGHT FIXTURES DELIVERED ON SITE		0.00	0.00T
	Sales Tax EXEMPT		0.00%	0.00

Acceptance

You are hereby authorized to furnish all labor and material required to complete the work described in the above proposal, for which the undersigned agrees to pay the amount stated in said proposal and according to the terms thereof.

Date 2024

Signature

PL RETROFITS 4 PIN TYPE A/B UNIVERSAL



BASE TYPE



INSTALL METHOD



OPERATING TEMP



MOUNTING



CRI



RATED LIFE



WARRANTY

Universal PL Lamps

high output

- Replace CFL lamps with reliable, long-lasting, energy efficient LED
- Universal products operate on 120-277V or a compatible ballast
- 10W, 11W and 12W replacing up to 42W CFL lamps
- Up to 1,600 lumen output
- Suitable for damp environments and semi-enclosed recessed fixtures (Not for use in enclosed fixtures)
- Rotating base on LED-7324 allows for optimal light output

LED-7320

Omni-Directional

quad-tube design

extension available (LED-7319)

LED-7318
Vertical

rotating base

LED-7324
Horizontal

PART #	REPLACES UP TO	WATTAGE	LUMENS	CCT (K)	BASE
LED-7318-40A	26W 4 Pin CFL	12W	1198	4000K	G/GX24q
LED-7320-40K-G3	42W 4 Pin CFL	10W	1600	4000K	G/GX24q
LED-7324-40K-G3	42W 4 Pin CFL	11W	1200	4000K	G/GX24q

*For ballast compatibility list, see page 3

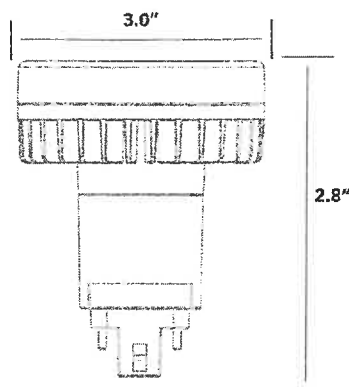


Light Efficient Design

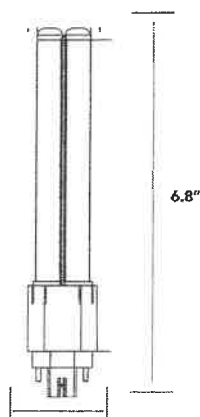
LIGHT EFFICIENT DESIGN HEADQUARTERS 188 S. Northwest Highway • Cary, IL 60013
INNOVATION & MANUFACTURING CENTER 30 Log Bridge Road, Building 200 • Middleton, MA 01949
847.380.3540 • led-llc.com

01.08.20 Information is subject to change without notice.

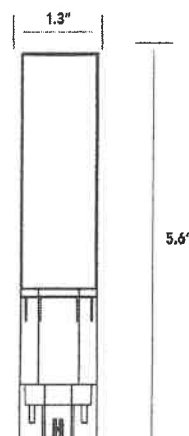
PL RETROFITS 4 PIN TYPE A/B UNIVERSAL



LED-7318



LED-7320



LED-7324

ORDERING GUIDE

PART #	UPC	REPLACES	WATTAGE	LUMENS	CCT (K)	BASE
LED-7318-27A	844006073503	26W 4 Pin CFL	12W	837	2700K	G/GX24q
LED-7318-35A	844006073510	26W 4 Pin CFL	12W	1157	3500K	G/GX24q
LED-7318-40A	844006073527	26W 4 Pin CFL	12W	1198	4000K	G/GX24q
LED-7320-27K-G3	844006024703	42W 4 Pin CFL	10W	1350	2700K	G/GX24q
LED-7320-35K-G3	844006024727	42W 4 Pin CFL	10W	1550	3500K	G/GX24q
LED-7320-40K-G3	844006024734	42W 4 Pin CFL	10W	1600	4000K	G/GX24q
LED-7324-50K-G3	844006024741	42W 4 Pin CFL	10W	1635	5000K	G/GX24q
LED-7324-27K-G3	844006024758	42W 4 Pin CFL	11W	1050	2700K	G/GX24q
LED-7324-35K-G3	844006024772	42W 4 Pin CFL	11W	1125	3500K	G/GX24q
LED-7324-40K-G3	844006024789	42W 4 Pin CFL	11W	1200	4000K	G/GX24q
LED-7324-50K-G3	844006024796	42W 4 Pin CFL	11W	1200	5000K	G/GX24q

Additional Notes:

- This lamp is not compatible with all electronic ballasts. If the ballast is not listed as compatible, then bypass the ballast and run on 120-277VAC Line Voltage.
- Instructions available on led-llc.com
- Do not use in fully enclosed fixtures
- Non-Dimmable
- For dimming applications, LED-7330 or 7334 may work better



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PL RETROFITS 4 PIN TYPE A/B UNIVERSAL

LED-7318 BALLAST COMPATIBILITY LIST

COMPATIBLE BALLASTS		1 LAMP		2 LAMP	
		120V	277V	120V	277V
PHILIPS / ADVANCE	2S13-H1-LD	✓	✓	✓	✓
	2S18-H1-LD	✓	✓	✓	✓
	2S26-H1-LD	✓	✓	✓	✓
	2S42-M2-LD	✓	x	✓	✓
UNIVERSAL / TRIAD	C213UNVME	✓	✓	✓	✓
	C218UNVME	✓	✓	✓	✓
	C2642UNVME	✓	✓	✓	✓
	C242UNVME	✓	x	✓	x
OSRAM / SYLVANIA	QTP1/2X18CF/UN DM	✓	✓	✓	✓
	QTP 2X26CF/UNV DM	✓	✓	✓	✓

*For full LED-7318 ballast compality list, see instruction sheet

LED-7320-G3 LED-7324-G3 BALLAST COMPATIBILITY LIST

COMPATIBLE BALLASTS		1 LAMP		2 LAMP	
		120V	277V	120V	277V
PHILIPS / ADVANCE	2S13-H1-LD	✓	✓	✓	✓
	2S18-H1-LD	✓	✓	✓	✓
	2S26-H1-LD	✓	✓	✓	✓
	2S42-M2-LD	✓	✓	✓	✓
UNIVERSAL / TRIAD	C213UNVME	✓	✓	✓	✓
	C218UNVME	✓	✓	✓	✓
	C2642UNVME	✓	✓	✓	✓
	C242UNVME	✓	x	✓	x
OSRAM / SYLVANIA	QTP1/2X18CF/UN DM	✓	✓	✓	✓
	QTP 2X26CF/UNV DM	✓	✓	✓	✓
KEYSTONE	KTEB-226-UV-TP-PIC-DW	✓	✓	✓	✓

✓ = COMPATIBLE

x = NOT COMPATIBLE



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SYLVANIA Lamps

ECO LED T8 Type A

Application

SYLVANIA ECO LED T8 lamps deliver a quality LED light, at an affordable price. This long-lasting, economical line provides the perfect lighting solution for any budget for office, industrial or education.

Benefits and Features

- Compatible LED T8 with optimized glass optics and G13 medium bi-pin base
- Minimizes labor & recycling costs by operating on most popular existing ballasts
- No warm-up time, instant-on with full light output and stable lamp to lamp color
- No UV emission
- Approved for use with tube guards
- Maximize energy savings with occupancy sensors
- Up to 135 LPW (Lamp efficacy)
- CCT: 3500K, 4100K, 5000K
- CRI: 80
- Light Emitting Angle 340°; Beam Angle 220°

Electrical

- Compatible with instant start electronic T8 ballasts with input voltage of 120-277V and 347V
- Power factor >0.90
- THD <20%

Rated Life

- 50,000 hours (L₇₀)

Warranty

- 5 year limited lamp warranty (24/7 operation)

Ambient Operating Range

- -4°F to 113°F (-20°C to 45°C)

Max Case Temperature

- 158°F (70°C)



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
32W T8 Fluorescent with QHE2x32 ISN	55	36	35%

Certifications and Listings

- cULus 1993
- RoHS
- Lead Free
- Mercury Free
- FCC*
- NSF**
- DLC

*FCC Title 47 CFR, Part 18, Non-Consumable
**NSF/ANSI Standard 2 - Food Equipment

Installation

- Please refer to the Installation manual included inside the packaging and the applications information listed below for more information.



Specification Data

Catalog # ECOLED16T8L48FG850TYPEA 40968

Type

Project

Comments

Prepared by

Ordering Guide

ECOLED	16	T8	L48	FG	8	XX	TYPEA
ECO LED	Wattage 16 = 16 Watts	Lamp Type T8 = T8	Length 48 = 48"	Material FG = Frosted Glass (non dimmable)	CRI 8 = 80	Color Temperature 35 = 3500K 41 = 4100K 50 = 5000K	UL Type TYPEA = Type A

Ordering Information

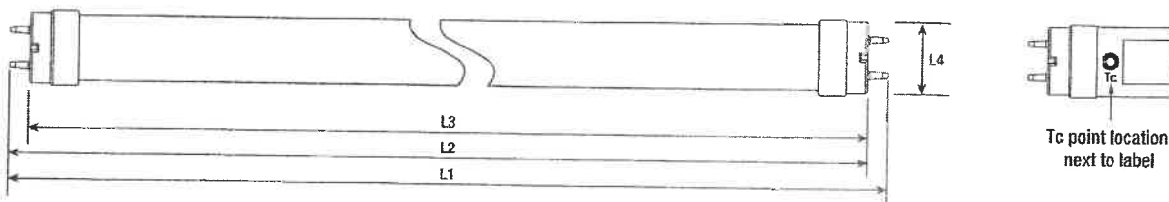
Item Number	Ordering Abbreviation	Lamp Length	Lamp Power ¹ (W)	Typical Lumens ¹ (lm)	Color Temperature (CCT)	CRI	Life Rating (hrs)	Beam Angle (°)	Package Qty	DLC Listed
40966	ECOLED16T8L48FG835TYPEA	4ft	16	2160	3500K	80	50,000	220	25	Yes
40967	ECOLED16T8L48FG841TYPEA	4ft	16	2160	4100K	80	50,000	220	25	Yes
40968	ECOLED16T8L48FG850TYPEA	4ft	16	2160	5000K	80	50,000	220	25	Yes

1. Lamp Power and Lamp Lumens rated on QHE1x32T8/UNV ISN.

Specifications & Lighting Data

Lamp	Ballast	System Power (W)	System Lumens (lm)	System Efficacy (lm/W)	No of Lamps
ECOLED16T8L48FG8XXTYPEA	QHE2X32T8/UNV ISN-SC	36	4320	120	2

Physical Information



Lamp Description	L1 End of Base Pin to End of Opposite Pin End	L2 Base Face to Opposite Base Pin	L3 Base Face to Base Face	L4 Bulb Outside Diameter
ECO LED/L48	47.725"±0.055" (1212.2mm ±1.4mm)	47.45"±0.05" (1205.25mm±1.25mm)	max 47.22" (1199.4mm)	1.02"±0.08" (25.9mm±2.0mm)

SubstiTUBE® IPS LED T8

Compatible LED T8 for use with instant start and select programmed rapid start electronic T8 ballasts



SubstiTUBE IPS LED T8 lamps are an energy saving alternative, designed to replace traditional fluorescent T8 lamps. These LED T8 lamps contain no mercury, provide instant light and a uniform light distribution.

Engineered to operate on existing instant start and select programmed rapid start electronic T8 ballasts, these lamps minimize labor and recycling costs. Because the SubstiTUBE IPS LED T8 is not affected by switching cycles, the use of occupancy or vacancy sensors can be installed with the existing instant start ballasts for optimal energy savings.

Install a new QHE instant start ballast with the SubstiTUBE IPS LED T8 lamp for optimal performance and to take advantage of the QUICK 72SUB+ system warranty. (See website for details.)

Application Information

Applications

- Cove lighting
- Display case
- Food prep and service
- General illumination
- Grocery
- Parking garage

Key Features & Benefits

- Shatterproof Frosted Nano Plastic lamps do not break in the manner of glass LED or fluorescent lamps
- NSF Listed: NSF/ANSI Standard 2 – Food Equipment
- 4ft 13W – Dimmable down to 10% with compatible 0-10V ballast
- CCT: 3000K, 3500K, 4100K, 5000K
- Beam angle: 220° for glass and 160° for frosted plastic
- Light emitting area: 340° for all
- THD <20%, power factor >0.90
- Compatible with instant start and select programmed rapid start electronic T8 ballasts with input voltage of 120-277V and 347V
- Long life: up to 60,000 hour life (L₇₀)
- G13 medium bi-pin base
- 5 year limited lamp warranty (24/7 operation)
- No warm-up time, instant-on with full light output and stable lamp to lamp color
- No UV emission
- Suitable for dry and damp locations (cannot come in direct contact with water)
- Maximize energy savings with occupancy sensors
- Suitable for open and enclosed fixtures
- Glass lamps are suitable for use with tube guards
- BAA (Buy American Act) COTS compliant models available

Product Offering

Length	Color Temperature	CRI
48in.	3000K, 3500K, 4100K, 5000K	up to 83
36in.	3000K, 3500K, 4100K, 5000K	up to 83
24in.	3000K, 3500K, 4100K, 5000K	up to 83



Selected models*

Specifications and Certifications



*BAA COTS T8: Available in the United States including Puerto Rico and the District of Columbia (not available in the US Virgin Islands).



Specification Data

Catalog #
Project
Comments
Prepared by

Type

Specifications

Energy Data

Ambient Operating Temperature: -4°F to 113°F (-20°C to 45°C)

EMI/RFI: FCC Title 47 CFR, Part 18, Non-Consumer

Max Case Temperature: LED8/L24/FP = 140°F (60°C)

LED11/L36/FP = 149°F (65°C)

LED13T8/L48 = 167°F (75°C)

LED13/L48/FP/DIM = 140°F (60°C)

LED15/L48/FP = 185°F (85°C)

Lighting Data

Lumen Output: See specification table (output is dependent on operating ballast)

Lumens per Watt: Up to 162

Correlated Color Temperature (CCT): 3000K, 3500K, 4100K, 5000K

Color Rendering Index (CRI): Up to 83

Ordering Information

Item Number	Ordering Abbreviation	Length	Lens Material*	Lamp Power (W) ¹	Initial Lumens (lm) ¹	Efficacy (LPW)	Color Temp. (CCT)	CRI	Life (L ₇₀) Hours	Beam Angle (°)	Package Quantity	DLC (Y/N)
75508**	LED13T8/L48/DIM/830/SUB/G8	4ft	Glass	13	2000	154	3000K	82	60,000	220	25	Y
75509**	LED13T8/L48/DIM/835/SUB/G8	4ft	Glass	13	2000	154	3500K	82	60,000	220	25	Y
75510**	LED13T8/L48/DIM/841/SUB/G8	4ft	Glass	13	2100	162	4100K	82	60,000	220	25	Y
75511**	LED13T8/L48/DIM/850/SUB/G8	4ft	Glass	13	2100	162	5000K	82	60,000	220	25	Y
40491	LED8T8/L24/FP/830/SUB/G8	2ft	Nano Plastic	8	1250	156	3000K	83	50,000	160	25	Y
40492	LED8T8/L24/FP/835/SUB/G8	2ft	Nano Plastic	8	1250	156	3500K	83	50,000	160	25	Y
40493	LED8T8/L24/FP/841/SUB/G8	2ft	Nano Plastic	8	1250	156	4100K	83	50,000	160	25	Y
40494	LED8T8/L24/FP/850/SUB/G8	2ft	Nano Plastic	8	1250	156	5000K	83	50,000	160	25	Y
40495	LED11T8/L36/FP/830/SUB/G8	3ft	Nano Plastic	11	1625	148	3000K	83	50,000	160	25	Y
40496	LED11T8/L36/FP/835/SUB/G8	3ft	Nano Plastic	11	1625	148	3500K	83	50,000	160	25	Y
40497	LED11T8/L36/FP/841/SUB/G8	3ft	Nano Plastic	11	1625	148	4100K	83	50,000	160	25	Y
40498	LED11T8/L36/FP/850/SUB/G8	3ft	Nano Plastic	11	1625	148	5000K	83	50,000	160	25	Y
40999	LED10T8/L48FP830SUBG8	4ft	Nano Plastic	10	1600	160	3000K	82	50,000	180	25	Y
41000	LED10T8/L48FP835SUBG8	4ft	Nano Plastic	10	1600	160	3500K	82	50,000	180	25	Y
41001	LED10T8/L48FP841SUBG8	4ft	Nano Plastic	10	1600	160	4100K	82	50,000	180	25	Y
41002	LED10T8/L48FP850SUBG8	4ft	Nano Plastic	10	1600	160	5000K	82	50,000	180	25	Y
40591	LED13T8/L48/FP/DIM/830/SUB/G8	4ft	Nano Plastic	13	2100	162	3000K	83	50,000	160	25	Y
40592	LED13T8/L48/FP/DIM/835/SUB/G8	4ft	Nano Plastic	13	2100	162	3500K	83	50,000	160	25	Y
40593	LED13T8/L48/FP/DIM/841/SUB/G8	4ft	Nano Plastic	13	2200	169	4100K	83	50,000	160	25	Y
40594	LED13T8/L48/FP/DIM/850/SUB/G8	4ft	Nano Plastic	13	2200	169	5000K	83	50,000	160	25	Y
75524	LED15T8/L48/FP/830/SUB/G8	4ft	Nano Plastic	15	2100	140	3000K	83	50,000	160	25	N
75525	LED15T8/L48/FP/835/SUB/G8	4ft	Nano Plastic	15	2100	140	3500K	83	50,000	160	25	N
75526	LED15T8/L48/FP/841/SUB/G8	4ft	Nano Plastic	15	2200	147	4100K	83	50,000	160	25	Y
75527	LED15T8/L48/FP/850/SUB/G8	4ft	Nano Plastic	15	2200	147	5000K	83	50,000	160	25	Y
40564	LED8T8/L24/FP/830/SUB/G8/BAA	2ft	Nano Plastic	8	1250	156	3000K	83	50,000	160	25	Y
40565	LED8T8/L24/FP/835/SUB/G8/BAA	2ft	Nano Plastic	8	1250	156	3500K	83	50,000	160	25	Y
40566	LED8T8/L24/FP/841/SUB/G8/BAA	2ft	Nano Plastic	8	1250	156	4100K	83	50,000	160	25	Y
40567	LED8T8/L24/FP/850/SUB/G8/BAA	2ft	Nano Plastic	8	1250	156	5000K	83	50,000	160	25	Y
40513	LED11T8/L36/FP/830/SUB/G8/BAA	3ft	Nano Plastic	11	1625	148	3000K	83	50,000	160	25	Y
40514	LED11T8/L36/FP/835/SUB/G8/BAA	3ft	Nano Plastic	11	1625	148	3500K	83	50,000	160	25	Y
40515	LED11T8/L36/FP/841/SUB/G8/BAA	3ft	Nano Plastic	11	1625	148	4100K	83	50,000	160	25	Y
40516	LED11T8/L36/FP/850/SUB/G8/BAA	3ft	Nano Plastic	11	1625	148	5000K	83	50,000	160	25	Y
40568	LED13T8/L48/FP/DIM/830/SUB/G8/BAA	4ft	Nano Plastic	13	2100	162	3000K	83	50,000	160	25	Y
40569	LED13T8/L48/FP/DIM/835/SUB/G8/BAA	4ft	Nano Plastic	13	2100	162	3500K	83	50,000	160	25	Y
40570	LED13T8/L48/FP/DIM/841/SUB/G8/BAA	4ft	Nano Plastic	13	2200	169	4100K	83	50,000	160	25	Y
40571	LED13T8/L48/FP/DIM/850/SUB/G8/BAA	4ft	Nano Plastic	13	2200	169	5000K	83	50,000	160	25	Y
40507	LED15T8/L48/FP/830/SUB/G8/BAA	4ft	Nano Plastic	15	2100	140	3000K	83	50,000	160	25	Y
40508	LED15T8/L48/FP/835/SUB/G8/BAA	4ft	Nano Plastic	15	2100	140	3500K	83	50,000	160	25	N
40358	LED15T8/L48/FP/841/SUB/G8/BAA	4ft	Nano Plastic	15	2200	147	4100K	83	50,000	160	25	Y
40509	LED15T8/L48/FP/850/SUB/G8/BAA	4ft	Nano Plastic	15	2200	147	5000K	83	50,000	160	25	Y

*Frosted

**Items will be discontinued when stock is depleted.

¹ Average Lamp Power and Average Lamp Lumens rated on QHC2x32T9/UNV ISN.

Ordering Guide

LED	15	T8	/	L	48	/	DIM/FP	/	8	41	/	SUB	/	G8	/	BAA
LED	Wattage (ISN ballast)	Lamp Type		Length	48 Inches		DIM = frosted glass dimmable FP = Frosted Nano Plastic, non-dimmable		CRI = 83	Color Temperature 41 = 4100K 30 = 3000K 35 = 3500K 50 = 5000K		SubstiTUBE® IPS (Compatible LED T8 for use with instant start and select programmed rapid start T8 electronic ballasts)		Generation		BAA (Buy American Act)

Application Information

Application Notes

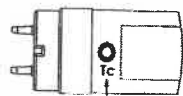
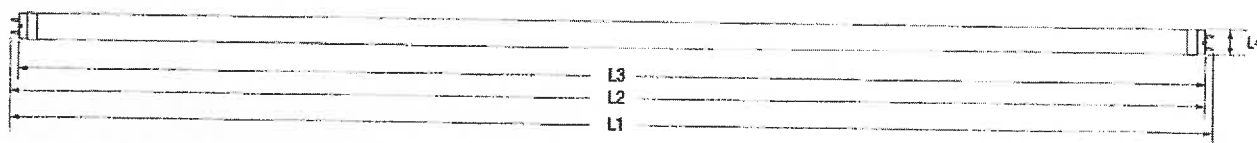
- Due to numerous ballast designs and topologies, this lamp should be tested on existing ballasts before mass quantities are installed.
- Not intended for use with older dedicated voltage (120V or 277V) ballasts. These ballasts have electronic components that degrade over time and may become unsuitable for the new LED T8 lamp.
- All installation, inspection, and maintenance of lighting fixtures should be done with the power to the fixture turned off. Lamps should be installed and operated in compliance with the National Electrical Code (NEC), Underwriters Laboratories Inc. (UL) requirements, and all applicable codes and regulations.
- Insert and align tubes properly in lamp holders. Partial insertion results in a poor or intermittent electrical contact that can result in short lamp life and arcing. Arcing at the lamp holder can result in localized overheating.
- For instant start ballasts, use lamp holders with an internal shunt or ensure that lamp holders are wired in a shunt configuration.
- For Programmed Rapid Start ballasts, use rapid-start lamp holders (non-shunted lamp holders).
- De-lamp is not allowed for ISH ballasts. For approved ISN and ISL ballasts, de-lamp is allowed for only 1 lamp so long as the ballast factor remains below 1.20 (for example, 4 lamp ballast can de-lamp to 3 lamps).
- Operating temperature range between -4°F and 113°F (-20°C and 45°C).
- Suitable for use in dry and damp environments.
- Maximum mounting distance between tube and ballast is 20 feet.
- Not for use with other LED or fluorescent lamps on the same ballast.
- Not for use with magnetic ballasts.
- Please read all installation instructions before attempting installation.
- For detailed warranty information, please see www.sylvania.com.

Specifications & Lighting Data

Lamp	Ballast	Current (AMPS)	System Power (W)	System Lumens (lm)	System Efficacy (lm/W)	No. of Lamps
LED8T8/L24/FP	QHE 2X32T8/UNV ISN	0.17/0.08	20	2400	120	2
LED11T8/L36/FP	QHE 2X32T8/UNV ISN	0.22/0.10	26	3300	127	2
LED13T8/L48/DIM	QHE 2X32T8/UNV ISN	0.26/0.12	32	4200	130	2
LED13T8/L48/FP/DIM	QHE 2X32T8/UNV ISN	0.26/0.12	32	4400	138	2
LED15T8/L48/FP	QHE 2X32T8/UNV ISN	0.30/0.13	35	4400	126	2

Note: For complete system information refer to LED495 - SubstiTUBE System Information.

Assembly Diagram



Tc point location next to label

Product Description	L1 End of Base Pin to End of Opposite Pin End	L2 Base Face to End of Opposite Base Pin	L3 Base Face to Base Face	L4 Bulb Outside Diameter
LED8T8/L24/FP (2ft)	23.72" ± 0.055" (602.6mm ± 1.4mm)	23.45" ± 0.05" (595.65mm ± 1.25mm)	max 23.22" (589.8mm)	1.02" ± 0.08" (25.9mm ± 2.0mm)
LED11T8/L36/FP (3ft)	35.72" ± 0.055" (907.4mm ± 1.4mm)	35.45" ± 0.05" (900.45mm ± 1.25mm)	max 35.22" (894.6mm)	1.02" ± 0.08" (25.9mm ± 2.0mm)
LED13T8/L48/DIM (4ft)	47.725" ± 0.055" (1212.2mm ± 1.4mm)	47.45" ± 0.05" (1205.25mm ± 1.25mm)	max 47.22" (1199.4mm)	1.02" ± 0.08" (25.9mm ± 2.0mm)
LED15T8/L48/FP (4ft)	47.725" ± 0.055" (1212.2mm ± 1.4mm)	47.45" ± 0.05" (1205.25mm ± 1.25mm)	max 47.22" (1199.4mm)	1.02" ± 0.08" (25.9mm ± 2.0mm)



LED Parking lot Light | 300W



> Features:

- Power Factor: ≥ 0.95
- LED Chip: Philips
- CRI: $R_a \geq 70$
- 130lm/w
- Driver: SOSEN
- Total Harmonic Distortion: 10.17%
- Material: Aluminum alloy + PC optics lens
- Standard color: dark bronze
- Working Temperature: $-40^{\circ}\text{F} \sim 122^{\circ}\text{F}$
- Lifespan: > 54000 hours (@ $T_c = 176^{\circ}\text{F}$)

> Ordering Information

Model	Wattage	CCT	Lumens	Type	Voltage	Warranty
I2-YR-PLQ785-W300	300W	5000K	39,000lm	Type III	100-277V	5 Years

Application: Parking lots, plaza lighting, shopping mall, garden, roadway, site & area lighting and general lighting applications.

> Dimension

