

T5-25-48G-830-DIR



Replace existing nominal T5, high-output fluorescent tubes.

Color: White

Weight: 0.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Watts 25W
 Color Temp 3000K (Warm White)
 Lumens 3,300
 Efficacy 132 LPW
 Color Accuracy 82 CRI
 L70 Accuracy 50,000

LED Info

Input Voltage Ballast Dependent
 Power Factor Ballast Dependent
 Flicker N/A
 THDi <20%
 R9

Technical Specifications

Listings

UL Listed:

Yes

NSF:

Complies with NSF

FCC:

Yes

Rohs:

Yes

CEC Status:

Lawful for sale in California

DLC Qualified:

Yes

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PY7AWSI3

Description

Lamp Type:

Linear T5

Bulb Type:

T5

Base Type:

G5, Minature Bipin

Dimmable:

No

Length:

4ft

Material:

Glass

LED Characteristics

Installation Type:

Type A, Plug and Play

Lifespan:

50,000-hour LED lifespan based on IES LM-70 results

Construction

Operating Temperature:

-20 - 40°C

MOL (inches):

45.8"

MOD (inches):

0.65"

Optical

Beam Angle:

240°

T5-25-48G-830-DIR

Technical Specifications (continued)

Other

Warranty:

5-years

Shipping Information

Case Qty:

25

Case Dimensions:

47.83 x 7.09 x 7.48

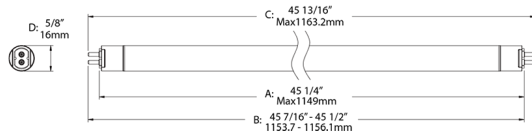
Pallet Quantity of Pieces:

900

Pallet Dimensions:

49.21 x 39.37 x 49.61

Dimensions



Features

FLUORESCENT REPLACEMENT - Replacement for conventional fluorescent T5 linear tubes

EASY TO INSTALL - Simply plug and play. No rewiring, no tools, no instructions

50,000-HOUR LIFESPAN - Lasts 1.6x longer than conventional fluorescent tubes

ENCLOSED FIXTURE RATED - May be used in enclosed and open fixtures

DIFFUSION COATING - Will maintain the same light quality over time and won't yellow, shrink, or wrinkle

BALLAST COMPATIBLE - Please check Compatibility List

SAVE ENERGY AND MONEY - Approximately 40% more efficient than conventional T5 lamps

INSTANT ON - No warmup time required, full brightness instantly

MERCURY FREE - Environmentally friendly vs fluorescent technologies

Ordering Matrix

Family	Lamp Power	Length	Material	Base Type	CRI	Color Temp	End Type	Installation Type
T5	25	48	G		8	30		DIR
	25 = 54W	48 = 48"	G = Glass	Blank = G13	8 = 80 CRI	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	Blank = Ballast Compatible T5	DIR = Ballast Compatible

T5-25-48G-835-DIR



Replace existing nominal T5, high-output fluorescent tubes.

Color: White

Weight: 0.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Watts	25W
Color Temp	3500K (Neutral White)
Lumens	3,300
Efficacy	132 LPW
Color Accuracy	82 CRI
L70 Accuracy	50,000

LED Info

Input Voltage	Ballast Dependent
Power Factor	Ballast Dependent
Flicker	N/A
THDi	<20%
R9	

Technical Specifications

Listings

UL Listed:

Yes

NSF:

Complies with NSF

FCC:

Yes

Rohs:

Yes

CEC Status:

Lawful for sale in California

DLC Qualified:

Yes

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PVKG3ZPI

Description

Lamp Type:

Linear T5

Bulb Type:

T5

Base Type:

G5, Minature Bipin

Dimmable:

No

Length:

4ft

Material:

Glass

LED Characteristics

Installation Type:

Type A, Plug and Play

Lifespan:

50,000-hour LED lifespan based on IES LM-70 results

Construction

Operating Temperature:

-20 - 40°C

MOL (inches):

45.8"

MOD (inches):

0.65"

Optical

Beam Angle:

240°

T5-25-48G-835-DIR

Technical Specifications (continued)

Other

Warranty:

5-years

Shipping Information

Case Qty:

25

Case Dimensions:

47.83 x 7.09 x 7.48

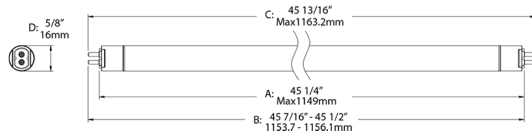
Pallet Quantity of Pieces:

900

Pallet Dimensions:

49.21 x 39.37 x 49.61

Dimensions



Features

FLUORESCENT REPLACEMENT - Replacement for conventional fluorescent T5 linear tubes

EASY TO INSTALL - Simply plug and play. No rewiring, no tools, no instructions

50,000-HOUR LIFESPAN - Lasts 1.6x longer than conventional fluorescent tubes

ENCLOSED FIXTURE RATED - May be used in enclosed and open fixtures

DIFFUSION COATING - Will maintain the same light quality over time and won't yellow, shrink, or wrinkle

BALLAST COMPATIBLE - Please check Compatibility List

SAVE ENERGY AND MONEY - Approximately 40% more efficient than conventional T5 lamps

INSTANT ON - No warmup time required, full brightness instantly

MERCURY FREE - Environmentally friendly vs fluorescent technologies

Ordering Matrix

Family	Lamp Power	Length	Material	Base Type	CRI	Color Temp	End Type	Installation Type
T5	25	48	G		8	35		DIR
	25 = 54W	48 = 48"	G = Glass	Blank = G13	8 = 80 CRI	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	Blank = Ballast Compatible T5	DIR = Ballast Compatible

T5-25-48G-840-DIR



Replace existing nominal T5, high-output fluorescent tubes.

Color: White

Weight: 0.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Watts	25W
Color Temp	4000K (Cool White)
Lumens	3,500
Efficacy	140 LPW
Color Accuracy	82 CRI
L70 Accuracy	50,000

LED Info

Input Voltage	Ballast Dependent
Power Factor	Ballast Dependent
Flicker	N/A
THDI	<20%
R9	

Technical Specifications

Listings

UL Listed:

Yes

NSF:

Complies with NSF

FCC:

Yes

Rohs:

Yes

CEC Status:

Lawful for sale in California

DLC Qualified:

Yes

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PZBY9608

Description

Lamp Type:

Linear T5

Bulb Type:

T5

Base Type:

G5, Miniature Bipin

Dimmable:

No

Length:

4ft

Material:

Glass

LED Characteristics

Installation Type:

Type A, Plug and Play

Lifespan:

50,000-hour LED lifespan based on IES LM-70 results

Construction

Operating Temperature:

-20 - 40°C

MOL (inches):

45.8"

MOD (inches):

0.65"

Optical

Beam Angle:

240°

T5-25-48G-840-DIR

Technical Specifications (continued)

Other

Warranty:

5-years

Shipping Information

Case Qty:

25

Case Dimensions:

47.83 x 7.09 x 7.48

Pallet Quantity of Pieces:

900

Pallet Dimensions:

49.21 x 39.37 x 49.61

Dimensions



Features

- FLUORESCENT REPLACEMENT** - Replacement for conventional fluorescent T5 linear tubes
- EASY TO INSTALL** - Simply plug and play. No rewiring, no tools, no instructions
- 50,000-HOUR LIFESPAN** - Lasts 1.6x longer than conventional fluorescent tubes
- ENCLOSED FIXTURE RATED** - May be used in enclosed and open fixtures
- DIFFUSION COATING** - Will maintain the same light quality over time and won't yellow, shrink, or wrinkle
- BALLAST COMPATIBLE** - Please check Compatibility List
- SAVE ENERGY AND MONEY** - Approximately 40% more efficient than conventional T5 lamps
- INSTANT ON** - No warmup time required, full brightness instantly
- MERCURY FREE** - Environmentally friendly vs fluorescent technologies

Ordering Matrix

Family	Lamp Power	Length	Material	Base Type	CRI	Color Temp	End Type	Installation Type
T5	25	48	G		8	40		DIR
	25 = 54W	48 = 48"	G = Glass	Blank = G13	8 = 80 CRI	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	Blank = Ballast Compatible T5	DIR = Ballast Compatible

T5-25-48G-850-DIR



Replace existing nominal T5, high-output fluorescent tubes.

Color: White

Weight: 0.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Watts	25W
Color Temp	5000K (Daylight)
Lumens	3,500
Efficacy	140 LPW
Color Accuracy	82 CRI
L70 Accuracy	50,000

LED Info

Input Voltage	Ballast Dependent
Power Factor	Ballast Dependent
Flicker	N/A
THDi	<20%
R9	

Technical Specifications

Listings

UL Listed:

Yes

NSF:

Complies with NSF

FCC:

Yes

Rohs:

Yes

CEC Status:

Lawful for sale in California

DLC Qualified:

Yes

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: P0M3FR1A

Description

Lamp Type:

Linear T5

Bulb Type:

T5

Base Type:

G5, Minature Bipin

Dimmable:

No

Length:

4ft

Material:

Glass

LED Characteristics

Installation Type:

Type A, Plug and Play

Lifespan:

50,000-hour LED lifespan based on IES LM-70 results

Construction

Operating Temperature:

-20 - 40°C

MOL (inches):

45.8"

MOD (inches):

0.65"

Optical

Beam Angle:

240°

T5-25-48G-850-DIR

Technical Specifications (continued)

Other

Warranty:

5-years

Shipping Information

Case Qty:

25

Case Dimensions:

47.83 x 7.09 x 7.48

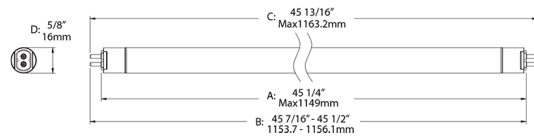
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SAVE ENERGY AND MONEY - Approximately 40% more efficient than conventional T5 lamps

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MERCURY FREE - Environmentally friendly vs fluorescent technologies

Ordering Matrix

Family	Lamp Power	Length	Material	Base Type	CRI	Color Temp	End Type	Installation Type
T5	25	48	G		8	50		DIR
	25 = 54W	48 = 48"	G = Glass	Blank = G13	8 = 80 CRI	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	Blank = Ballast Compatible T5	DIR = Ballast Compatible

Ballast Compatibility List

T5 LED Tubes

T5-25-48G-830-DIR
 T5-25-48G-835-DIR
 T5-25-48G-840-DIR
 T5-25-48G-850-DIR

Brand	Part Number	Starting Method	Number of Lamps	Lamp Connection	Nominal Lamp Load		Reduced Lamp Load	
					Input Voltage 120	Input Voltage 277	Input Voltage 120	Input Voltage 277
Philips-Advance	ICN-2S54-90C-N	PS	2	Series	✓	✓	✓	✓
	ICN-2S54-90C-T	PS	2	Series	✓	✓	✓	✓
	ICN-4S54-90C-2LS-G	PS	4	Series	✓	✓	✓	✓
	ICN-2S54-T	PS	2	Series	✓	✓	✓	✓
	ICN-2S54-N	PS	2	Series	✓	✓	✓	✓
	HCRP-4PSP54-90C	PS	4	Parallel	✓	✓	✓	✓
General Electric	GE454MVPS90-F	PS	4	Parallel	✓	✓	✓	✓
	GE254MVPS90-A	PS	2	Parallel	✓	✓	✓	✓
	GE454MVPS90-E-S	PS	4	Parallel	✓	✓	✓	✓
	GE254MVPS-D-1	PS	2	Series	✓	✓	✓	✓
OSRAM SYLVANIA	QTP 1x54T5HO/UNV PSN	PRS	1	N/A	✓	✓	N/A	N/A
	QHE 4x54T5HO/UNV PSN HT SCL	PRS	4	Series	✓	✓	✓	✓
KEYSTONE	KTEB-454HO-UV-PS	PS	4	Series	✓	✓	✓	✓
EIKO	PM-4X54T5 UNV PS	PS	4	Series	✓	✓	✓	✓
	PM-2X54T5 UNV PS	PS	2	Series	✓	✓	✓	✓
TCP	E2P54PRSUNVE	PS	2	Series	✓	✓	✓	✓
LumaPro	4KGE7A EB-454PRS-U	PS	4	Series	✓	✓	✓	✓
Fulham	RHA-UNV-254-LT5	PS	2	Series	✓	✓	✓	✓
	RHA-UNV-454-LT5	PS	4	Series	✓	✓	✓	✓
Plusrite	BAF254PS/MV	PS	2	Series	✓	✓	✓	✓
	BAF454PS/MV	PS	4	Series	✓	✓	✓	✓
HOWARD INDUSTRIES	EP2/54HO/PRS/MV/W/MC	PRS	2	Series	✓	✓	✓	✓
	EP4/54HO/PRS/MV	PRS	4	Series	✓	✓	✓	✓
SUNPARK	U-2/54T5HO	PS	2	Series	✓	✓	✓	✓
ESPEN	VE254MVHRP	PS	2	Series	✓	✓	✓	✓
	VE454MVHRP	PS	4	Series	✓	✓	✓	✓
Robertson	PST154T5MVW	PS	1	N/A	✓	✓	N/A	N/A
	PSY454T5MVEL(3P20147)	PS	4	Series	✓	✓	✓	✓
Watran	DB-254HO-MV-TP-PS-SL	PS	2	Series	✓	✓	✓	✓
Ultrasave	ER454120MHT-W	PS	4	Series	✓	✓	✓	✓