

Project Name:	Type:
Part Number:	Date:

BYPASS T5

FEATURES

- 24T5HO UEB- Single or Double ended installation
- Built-in universal voltage driver (120-277V) - BYPass installation
- High efficacy up to 138LPW
- 270° wide light emitting area
- Symmetrical driver design reduces end to end dark area
- Suitable for use in enclosed fixture and damp location
- Liquid powder coated glass, reduces glare
- NSF (National Sanitation Foundation) certified for Food Zone (Non-Contact), Splash, and Non-Food Zones
- UL 1598C classified
- Fixture operating temperature: -4°F to 113°F (-20°C to 45°C)
- Lamp ambient temperature: -4°F to 131°F (-20°C to 55°C)
- Rated lifetime (L70) up to: 60,000hrs
- 5 year limited warranty* / 10 year available
(see EXTENDED WARRANTIES table for information)
- Suitable for all indoor general lighting application



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SPECIFICATIONS

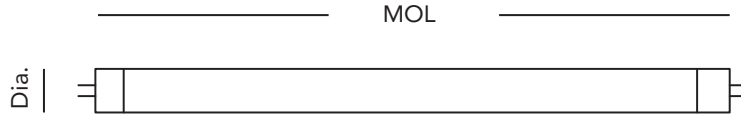
Product	Model	Nominal Length	Equiv.	Input Voltage	Life (hrs)	Wattage	Lumens	CCT	Efficacy (LPW)	CRI	Power Factor	THD	Beam Angle	DLC / NSF
36946	9.5T5HE/2F/835/BYP/R	2'	14W	120-277V	60,000	9.5	1,150	3500K	121	82	0.9	<20%	160°	N.A. / √
36947	9.5T5HE/2F/840/BYP/R	2'	14W	120-277V	60,000	9.5	1,200	4000K	126	82	0.9	<20%	160°	N.A. / √
37112	12T5HE/3F/830/BYP/R	3'	21W	120-277V	60,000	12	1,350	3000K	113	82	0.9	<20%	160°	N.A. / √
36950	12T5HE/3F/835/BYP/R	3'	21W	120-277V	60,000	12	1,450	3500K	121	82	0.9	<20%	160°	N.A. / √
36951	12T5HE/3F/840/BYP/R	3'	21W	120-277V	60,000	12	1,500	4000K	125	82	0.9	<20%	160°	N.A. / √
36954	14.5T5HE/4F/830/BYP/R	4'	28W	120-277V	60,000	14.5	1,800	3000K	124	82	0.9	<20%	160°	√ / √
36955	14.5T5HE/4F/835/BYP/R	4'	28W	120-277V	60,000	14.5	1,800	3500K	124	82	0.9	<20%	160°	√ / √
36956	14.5T5HE/4F/840/BYP/R	4'	28W	120-277V	60,000	14.5	2,000	4000K	138	82	0.9	<20%	160°	√ / √
36990	14.5T5HE/4F/850/BYP/R	4'	28W	120-277V	60,000	14.5	2,000	5000K	138	82	0.9	<20%	160°	√ / √
36952	14.5T5HO/3F/835/BYP/R	3'	39W	120-277V	60,000	14.5	1,850	3500K	128	82	0.9	<20%	160°	N.A. / √
36953	14.5T5HO/3F/840/BYP/R	3'	39W	120-277V	60,000	14.5	1,900	4000K	131	82	0.9	<20%	160°	N.A. / √
36957	24T5HO/4F/830/UEB	4'	54W	120-277V	60,000	24	3,200	3000K	133	82	0.9	<20%	160°	√ / √
36958	24T5HO/4F/835/UEB	4'	54W	120-277V	60,000	24	3,200	3500K	133	82	0.9	<20%	160°	√ / √
36959	24T5HO/4F/840/UEB	4'	54W	120-277V	60,000	24	3,300	4000K	138	82	0.9	<20%	160°	√ / √
36960	24T5HO/4F/850/UEB	4'	54W	120-277V	60,000	24	3,300	5000K	138	82	0.9	<20%	160°	√ / √

* Please visit www.greencreative.com for Limited Warranty terms.



BYPASS T5

DIMENSION & WEIGHT



Model	9.5T5HE/2F/xxx/BYP/R	12T5HE/3F/xxx/BYP/R 14.5T5HO/3F/xxx/BYP/R	14.5T5HE/4F/xxx/BYP/R	24T5HO/4F/xxx/UEB
Base	G5	G5	G5	G5
MOL	22"	34"	45-3/4"	45-3/4"
Dia.	11/16"	11/16"	11/16"	11/16"
Weight	0.19lb	0.28lb	0.41lb	0.49lb

Where xxx means 824-965 which indicates CRI and color temperature

INSTALLATION

Diagram A – Non-Shunted

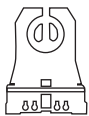
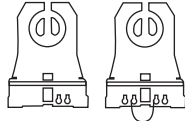
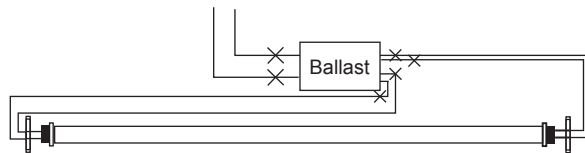
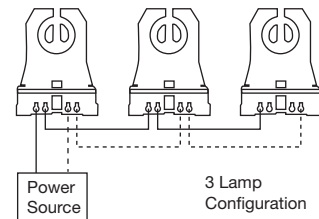


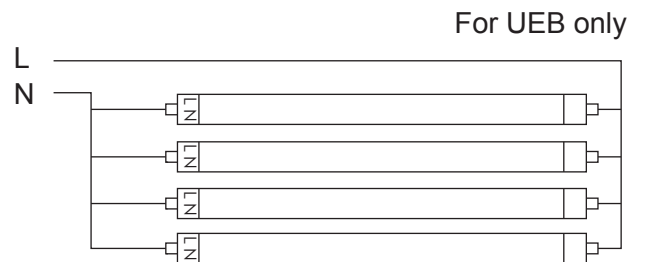
Diagram B – Shunted



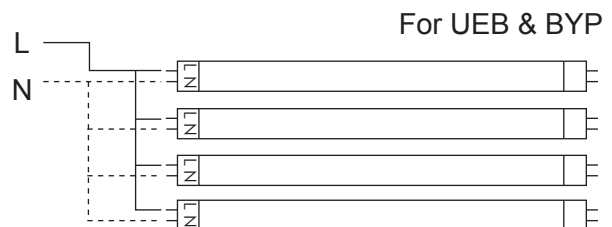
UEB(Single ended + Double ended)



Step 1. Cut all wires connected to the existing ballast, remove the ballast



Step 2. For shunted holders, wire the holders and lamps according to the above diagram.

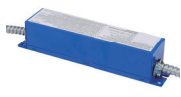
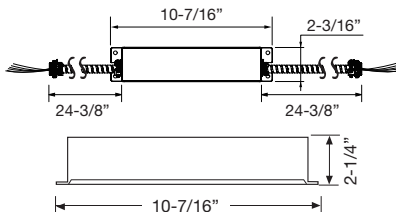


Step 2. For non-shunted holders, wire the holders and lamps according to the diagram.



BYPASS T5

ACCESSORY ORDERING INFORMATION

Product	Model	Description	Pictures	Dimensions
98003	23EMDRIVER	California Title 20 Compliant 23W Emergency LED Driver (Field Installation)		

EXTENDED WARRANTIES***

Model	Description****
9.5T5HE/2F/BYP/10YEARWARRANTY	10 Year warranty for 9.5T5HE/2F/8xx/BYP/yy
12T5HE/3F/10YEARWARRANTY	10 Year warranty for 12T5HE/3F/8xx/BYP/yy
14.5T5HE/4F/10YEARWARRANTY	10 Year warranty for 14.5T5HE/4F/8xx/BYP/yy
14.5T5HO/3F/10YEARWARRANTY	10 Year warranty for 14.5T5HO/3F/8xx/BYP/yy
24T5HO/4F/UEB/10YEARWARRANTY	10 Year warranty for 24T5HO/4F/8xx/UEB/yy

*** Warranty based on a maximum of 4,368 annual operating hours (per year for ten years) and exposure to a maximum fixture operating temperature of 80°F / 27°C.

**** xx - Refers to the CCT yy - Refers to model generations within the same nominal performance. Typically blank, 'R', or 'RC'

CERTIFICATION INFORMATION

Product	Model	DLC ID#
36954	14.5T5HE/4F/830/BYP/R	S-X094HR
36955	14.5T5HE/4F/835/BYP/R	S-2EXO8F
36956	14.5T5HE/4F/840/BYP/R	S-OC3HSK
36957	24T5HO/4F/830/UEB	S-PJTLKD
36958	24T5HO/4F/835/UEB	S-OA7DKE
36959	24T5HO/4F/840/UEB	S-3ULEHG
36960	24T5HO/4F/850/UEB	S-TL9G3R

ORDERING INFORMATION

Model	Master Carton			Shipping Carton		
	Case Qty	Case Dimensions (LxWxH)	Case Weight	Case Qty	Case Dimensions (LxWxH)	Case Weight
9.5T5HE/2F/xxx/BYP/R	6PCS	23" x 2-3/4" x 1-15/16"	1.3lb	24PCS	25-3/16" x 6-5/16" x 4-3/4"	6lb
12T5HE/3F/xxx/BYP/R	6PCS	34-13/16" x 2-3/4" x 1-15/16"	2lb	24PCS	37-3/16" x 6-5/16" x 4-3/4"	9lb
14.5T5HO/3F/xxx/BYP/R	6PCS	34-13/16" x 2-3/4" x 1-15/16"	2lb	24PCS	37-3/16" x 6-5/16" x 4-3/4"	9lb
14.5T5HE/4F/xxx/BYP/R	6PCS	46-5/8" x 2-3/4" x 1-15/16"	3.2lb	24PCS	48-13/16" x 6-5/16" x 4-3/4"	13.8lb
24T5HO/4F/xxx/UEB	6PCS	46-5/8" x 2-3/4" x 1-15/16"	3.2lb	24PCS	48-13/16" x 6-5/16" x 4-3/4"	13.8lb

Where xxx means 824-965 which indicates CRI and color temperature

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