

Technical Information Bulletin

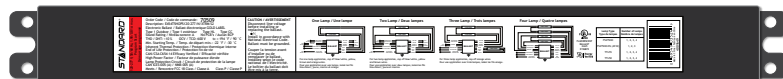
Ballast



Date: _____ Name of distributor: _____
 In hands date of project: _____ Client #: _____
 Project name/Number: _____ Name of end user: _____

ORDERING INFORMATION

Order Code: 70509
 Description: E454T5HOPS120-277/N/XTRM S2
 UPC: 069549035249



SPECIFICATIONS

Ballast Type:	Electronic	Type:	1 Outdoor
Starting Method:	Program Start	Contains PCBs:	No
Lamp Connection:	Series	Sound Rating:	A
Input Voltage (V):	120-277	Open Current Voltage (OCV) (V):	600
Input Frequency (Hz):	50/60	Inherent Thermal Protection:	Yes
Max. Case Temperature:	194 °F / 90 °C	ICES-005 Compliant:	Class A
Thermal Protection:	Class P	Auto-restrike:	Yes
		End of Life (EoL) Protection:	Yes



CAN/CSA C654-14
 Efficacy Verified

Lamp Type	Number of Lamps	Rated Lamp Watts	Min. Start Temp. (°F / °C)	Input Current (A)	Input Power (ANSI Watts)	Ballast Factor	Max THD (%)	Power Factor	Max. Lamp Current Crest Factor	B.E.F.
120 VOLTS										
F54T5HO	4	54	-22/-30	1.90	228	0.93	10	0.98	1.70	0.42
PL55/TTL	4	55	-22/-30	1.90	226	0.91	10	0.98	1.70	0.38
PL50/TTL	4	50	-22/-30	1.57	200	1.15	10	0.98	1.70	0.57
F54T5HO/ES (49 W)	4	49	-22/-30	1.78	214	0.97	10	0.98	1.70	0.45
F54T5HO	3	54	-22/-30	1.50	176	1.03	10	0.98	1.70	0.58
PL55/TTL	3	55	-22/-30	1.50	170	0.93	10	0.98	1.70	0.53
PL50/TTL	3	50	-22/-30	1.28	150	1.15	10	0.98	1.70	0.76
F54T5HO/ES (49 W)	3	49	-22/-30	1.34	162	0.97	10	0.98	1.70	0.60
F54T5HO	2	54	-22/-30	1.00	120	1.00	10	0.98	1.70	0.83
PL55/TTL	2	55	-22/-30	0.94	113	0.91	10	0.98	1.70	0.81
PL50/TTL	2	50	-22/-30	0.84	100	1.15	10	0.98	1.70	1.15
F54T5HO/ES (49 W)	2	49	-22/-30	0.88	106	0.97	10	0.98	1.70	0.92
F54T5HO	1	54	-22/-30	0.52	62	1.03	10	0.98	1.70	1.66
PL55/TTL	1	55	-22/-30	0.51	61	1.15	10	0.98	1.70	1.15
PL50/TTL	1	50	-22/-30	0.45	53	1.15	10	0.98	1.70	2.16
277 VOLTS										
F54T5HO	4	54	-22/-30	0.81	225	0.95	10	0.98	1.70	0.43
PL55/TTL	4	55	-22/-30	0.90	222	0.91	10	0.97	1.70	0.38
PL50/TTL	4	50	-22/-30	0.77	196	1.15	10	0.97	1.70	0.58
F54T5HO/ES (49 W)	4	49	-22/-30	0.78	209	0.97	10	0.96	1.70	0.46
F54T5HO	3	54	-22/-30	0.65	173	1.03	10	0.92	1.70	0.59
PL55/TTL	3	55	-22/-30	0.60	160	0.93	10	0.92	1.70	0.58
PL50/TTL	3	50	-22/-30	0.53	146	1.15	10	0.92	1.70	0.78
F54T5HO/ES (49 W)	3	49	-22/-30	0.61	159	0.97	10	0.93	1.70	0.61
F54T5HO	2	54	-22/-30	0.43	117	1.00	10	0.98	1.70	0.85
PL55/TTL	2	55	-22/-30	0.41	113	0.91	10	0.97	1.70	0.81
PL50/TTL	2	50	-22/-30	0.40	98	1.15	10	0.97	1.70	1.17
F54T5HO/ES (49 W)	2	49	-22/-30	0.39	104	0.97	10	0.96	1.70	0.93
F54T5HO	1	54	-22/-30	0.25	63	1.03	10	0.92	1.70	1.66
PL55/TTL	1	55	-22/-30	0.25	62	0.93	10	0.92	1.70	1.52
PL50/TTL	1	50	-22/-30	0.25	54	1.15	10	0.92	1.70	2.16

Data is based upon tests performed in a controlled environment and representative of relative performance.
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

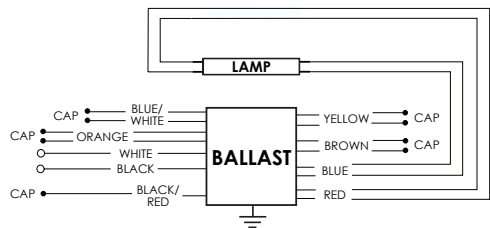
Technical Information Bulletin

Ballast



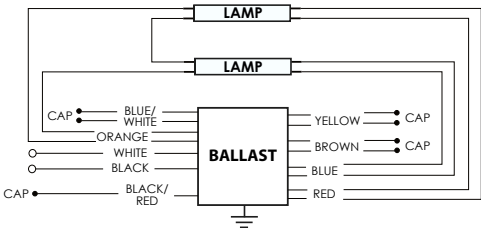
WIRING DIAGRAM

One Lamp



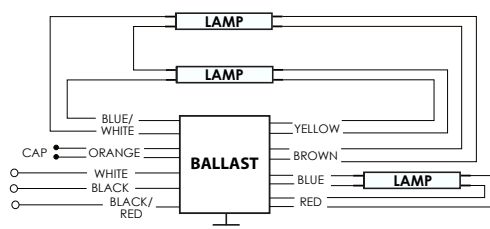
For one lamp application, cap off blue/white, yellow, brown and orange wires.

Two Lamps



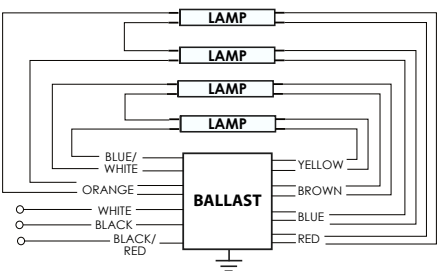
For two lamp application, cap off blue/white, yellow and brown wires.

Three Lamps



For three lamp application, cap off orange wires.

Four Lamps

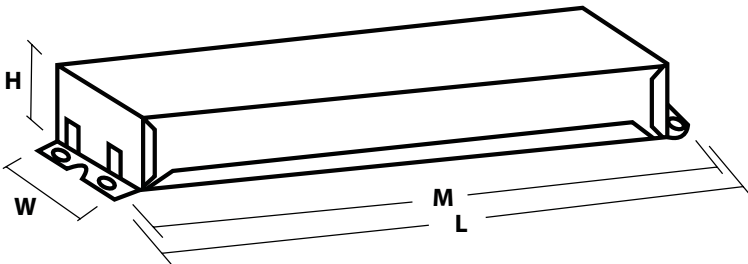


LEADS LENGTH

Black	25" (63.5 cm)
White	25" (63.5 cm)
Black/Red	25" (63.5 cm)
Blue/White	46" (116.8 cm)
Orange	46" (116.8 cm)
Blue	31" (78.7 cm)
Red	31" (78.7 cm)
Yellow	31" (78.7 cm)
Brown	31" (78.7 cm)

BALLAST DIMENSIONS

Length (L):	16.75" (42.6 cm)
Width (W):	1.8" (4.6 cm)
Height (H):	1.2" (3.1 cm)
Mounting (M):	16.3" (41.4 cm)



Qty	Description	Price

I accept the specifications of the ballast configuration mentioned above.

Name: _____
Company: _____
Signature: _____

Date: _____