

SHS14-UNV-H



Electronic Ballast For Use With UV & Tanning Applications

This Ballast Will Operate Following Lamps:

21-79W T5 425mA UV lamps
 GPH1630T5L (79W), GPH1554T5L (75W), GPH1148T5L (55W),
 GPH843T5L (41W), GPH436T5L (21W), TUV36W



General Specifications

Input Voltage	120 - 277VAC ±10%, 50 / 60Hz
Current Crest Factor	<1.7
Lamps Operated*	1 or 2 Lamps
EMI / RFI Compliance	FCC Part 18-B (Consumer)
Sound Rating	" A "
Ballast Type	Programmed Pre-Heat Start
Voltage Transients	ANSI 62.41
Input Protection	Fuse
Output Protection	EOL
Min. Operating Temp	0°C (32°F)
Max. Case Temp	70°C (158°F)
Type "CC" Type "HL", RoHs	Approved
Approvals Class	UL / cUL Listed, Class "P", Type 1 Outdoor, CE
Warranty	5 Years from the date of manufacture when properly installed

Electrical Data @120VAC

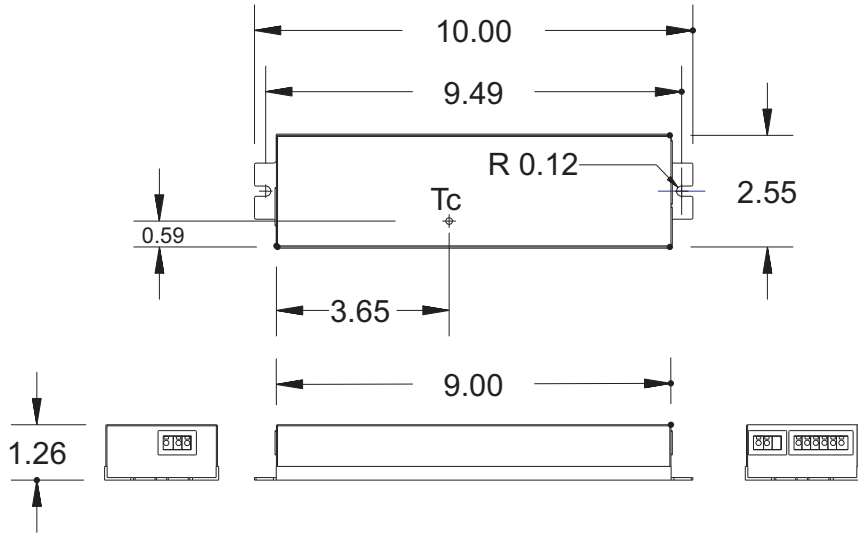
Lamp Wattage / Type	Lamps Operated	Input Wattage	Line Current	Power Factor	Ballast Factor	Efficacy Factor	THD
GPH1630T5L	1	89	0.74	0.997	1.07	1.20	8%
GPH1554T5L	1	86	0.72	0.997	1.07	1.24	8%
GPH1148T5L	1	60	0.50	0.993	1.08	1.81	10%
GPH843T5L	1	48	0.40	0.989	1.08	2.26	12%
GPH793T5L	1	45	0.38	0.988	1.08	2.39	13%
GPH436T5L	1	27	0.23	0.970	1.08	4.00	19%
TUV 36W	1	45	0.38	0.988	1.08	2.40	13%
GPH1630T5L	2	170	1.42	0.998	0.99	0.58	5%
GPH1554T5L	2	166	1.39	0.998	0.99	0.60	4%
GPH1148T5L	2	113	0.94	0.997	1.02	0.90	6%
GPH843T5L	2	88	0.73	0.996	1.03	1.17	8%
GPH793T5L	2	84	0.70	0.996	1.03	1.23	8%
GPH436T5L	2	49	0.42	0.990	1.04	2.12	12%
TUV 36W	2	84	0.71	0.996	1.03	1.22	8%

Electrical Data @277VAC

Lamp Wattage / Type	Lamps Operated	Input Wattage	Line Current	Power Factor	Ballast Factor	Efficacy Factor	THD
GPH1630T5L	1	90	0.34	0.942	1.07	1.19	17%
GPH1554T5L	1	87	0.33	0.939	1.07	1.23	17%
GPH1148T5L	1	61	0.25	0.887	1.07	1.76	24%
GPH843T5L	1	50	0.21	0.842	1.08	2.17	28%
GPH793T5L	1	47	0.21	0.829	1.08	2.28	30%
GPH436T5L	1	29	0.15	0.681	1.08	3.75	44%
TUV 36W	1	47	0.20	0.830	1.08	2.30	29%
GPH1630T5L	2	167	0.62	0.982	0.99	0.59	10%
GPH1554T5L	2	164	0.60	0.981	0.99	0.61	9%
GPH1148T5L	2	113	0.42	0.961	1.02	0.90	14%
GPH843T5L	2	88	0.34	0.940	1.03	1.17	18%
GPH793T5L	2	85	0.33	0.932	1.03	1.22	20%
GPH436T5L	2	51	0.22	0.846	1.04	2.04	30%
TUV 36W	2	85	0.33	0.937	1.03	1.21	18%

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Mechanical Data

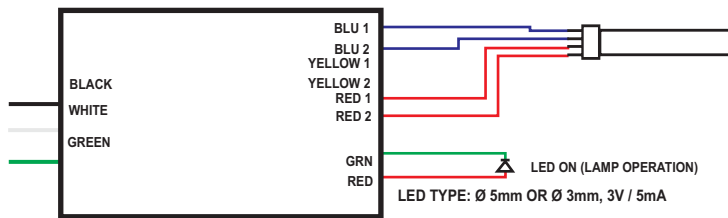


Where : L = Length, W = Width, H = Height

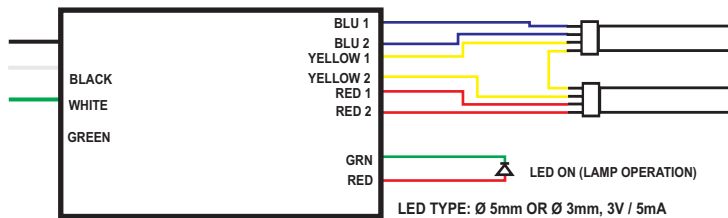
±0.01" Tolerance

Wiring Diagram

One Lamp



Two Lamp



Note: This ballast case must be grounded