



**Description :** NLT235-800-PH-UNV electronic ballast developed for use with UV & tanning lamp applications.

**This Ballast Will Operate Following Lamps.**

1. Refer to individual lamp listing for electrical data.
2. Approved for any T5 Ø, 800~850mA lamp.
3. Maximum ballast output wattage 95W.



**APPROVED FOR UV LAMPS**

**1 OR 2 (21W-48W) -T5, GPH212T5HO,GPH287T5HO, GPH357T5HO,GPH436T5HO**

**1 LAMP ONLY:60~95W-T5, GPH508T5HO,GPH608T5HO, GPH841T5HO,GPH893T5HO**

**ELECTRICAL DATA (120V - 1/2 LAMP APPLICATION)**

INPUT VOLT: 120V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	18W	35W	48W	60W	75W	86W	95W	18W	35W	48W
LAMP CURRENT	800mA	800mA	800mA	800mA	800mA	800mA	800mA	800mA	800mA	800mA
LAMPS OPERATED	1	1	1	1	1	1	1	2	2	2
INPUT WATTS	24W	32W	41W	54W	65W	73W	88W	42W	65W	88W
LINE CURRENT:	0.20	0.28	0.27	0.45	0.60	0.64	0.70	0.30	0.60	0.70
BALLAST FACTOR	0.90	0.95	0.96	0.98	0.99	0.99	0.99	0.97	0.98	0.99
THD	< 15%									
CURRENT CREST FACTOR	< 1.7									
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)									
SOUND RATING	" A "									
BALLAST TYPE	Pre Heat									
VOLTAGE TRANSIENTS	ANSI 62.41									
INPUT/PROTECTION	FUSE									
OUTPUT/PROTECTION	EOL									
MIN. OPERATING TEMP	0 °C ( 32 °F )									
MAX. CASE TEMP	80 °C ( 176 °F )									
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", Type 1 OUTDOOR, Type CC.									



SPECIFICATION SHEET  
NLT235-800-PH-UNV



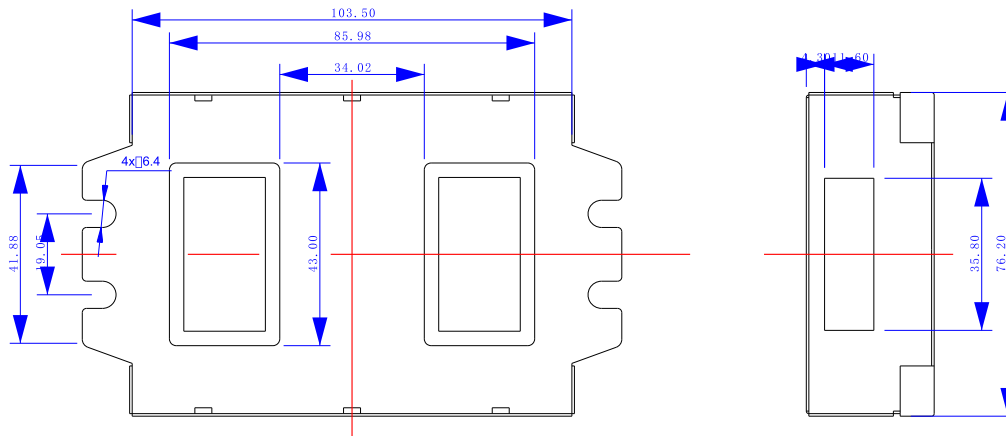
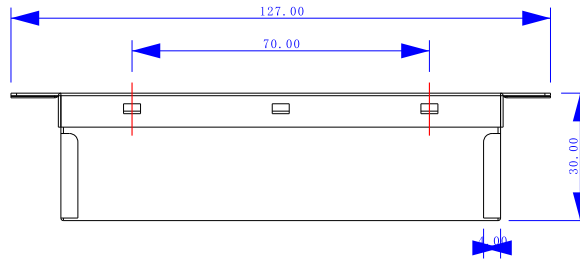
ELECTRICAL DATA (277V - 1/2 LAMP APPLICATION)

INPUT VOLT: 277V ± 10%, 50/60Hz										
LAMP WATTS/TYPE	18W	35W	48W	60W	75W	86W	95W	18W	35W	48W
LAMP CURRENT	800mA	800mA	800mA	800mA	800mA	800mA	800mA	800mA	800mA	800mA
LAMPS OPERATED	1	1	1	1	1	1	1	2	2	2
INPUT WATTS	24W	32W	41W	54W	65W	73W	88W	42W	65W	88W
LINE CURRENT:	0.10	0.13	0.15	0.20	0.21	0.27	0.35	0.15	0.14	0.35
BALLAST FACTOR	0.8	0.95	0.96	0.98	0.99	0.99	0.99	0.97	0.98	0.99
THD	< 15%									
CURRENT CREST FACTOR	< 1.7									
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)									
SOUND RATING	" A "									
BALLAST TYPE	Pre Heat									
VOLTAGE TRANSIENTS	ANSI 62.41									
INPUT/PROTECTION	FUSE									
OUTPUT/PROTECTION	EOL									
MIN. OPERATING TEMP	0 ° C ( 32°F )									
MAX. CASE TEMP	80 ° C ( 176°F )									
NOT HPF @ 230V : 1 x 35W/850mA										
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", Type 1 OUTDOOR, Type CC.									

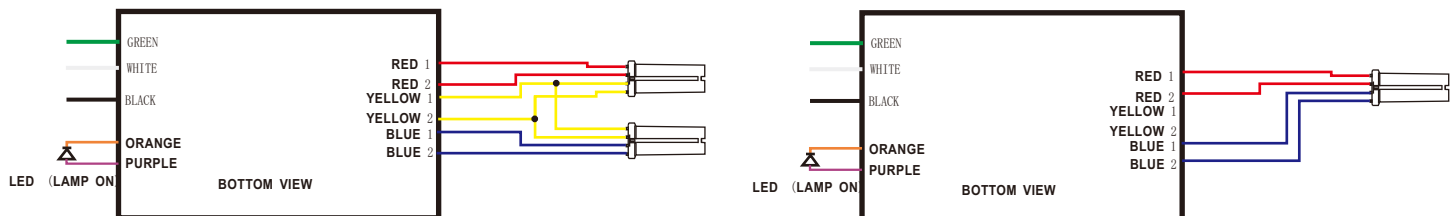
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**Physical Parameters**

Mounting Length - 127mm  
Width - 76 mm  
Height - 30 mm  
Weight - 0.68kg



**Wiring Diagram:**



LED TYPE: Ø 5mm OR Ø 3mm, 3V / 5mA  
Use Wire Rated 600V, 90°C min. Use 18 AWG Solid Copper Wire Only Stripped 3/8"  
NOTE : This Ballast Case Must Be Grounded