

SPECIFICATION SHEET :NLT158-800-PH-24V

Description : **NLT158-800-PH-24V** electronic ballast developed for use with UV lamp applications. This ballast will operate the following lamps.



APPROVED FOR UV LAMPS: 1or2 LAMP : (28W) GPH212T5HO
1 LAMP :(28W~58W)GPH212T5HO;GPH357T5HO;GPH645T5HO

Warranty: 5 Years.



ELECTRICAL DATA (24V APPLICATION)

INPUT VOLTS: 24VAC 50/60Hz			
LAMP WATTS/TYPE	GPH212T5HO	GPH357T5HO	GPH645T5HO
LAMPS OPERATED		1	
INPUT WATTS	30.7	38.5	51.5
LINE CURRENT:	1.3	1.64	2.18
POWER FACTOR	0.995	0.998	0.997
BALLAST FACTOR	0.46	0.83	0.67
EFFICACY FACTOR	83%	81%	76%
THD	8.4	6.9	5.6
CURRENT CREST FACTOR	<1.7		
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)		
SOUND RATING	" A "		
BALLAST TYPE	PROGRAMMED START		
VOLTAGE TRANSIENTS	ANSI 62.41		
INPUT/PROTECTION	FUSE		
OUTPUT/PROTECTION	EOL		
MIN. OPERATING TEMP	-20°C (-4° F)		
MAX. CASE TEMP	80°C (176°F)		
APPROVALS/CLASS	Meet UL /cUL LISTED, CLASS " P ", TYPE 1 OUTDOOR , CE		

ELECTRICAL DATA (24V APPLICATION)

INPUT VOLTS: 24VAC 50/60Hz	
LAMP WATTS/TYPE	GPH212T5HO
LAMPS OPERATED	2
INPUT WATTS	50.8
LINE CURRENT:	2.15
POWER FACTOR	0.997
BALLAST FACTOR	0.7
EFFICACY FACTOR	79%
THD	5.5
CURRENT CREST FACTOR	<1.7
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)
SOUND RATING	" A "
BALLAST TYPE	PROGRAMMED START
VOLTAGE TRANSIENTS	ANSI 62.41
INPUT/PROTECTION	FUSE
OUTPUT/PROTECTION	EOL
MIN. OPERATING TEMP	-20°C (-4° F)
MAX. CASE TEMP	80°C (176°F)
APPROVALS/CLASS	Meet UL /cUL LISTED, CLASS " P ", TYPE 1 OUTDOOR , CE

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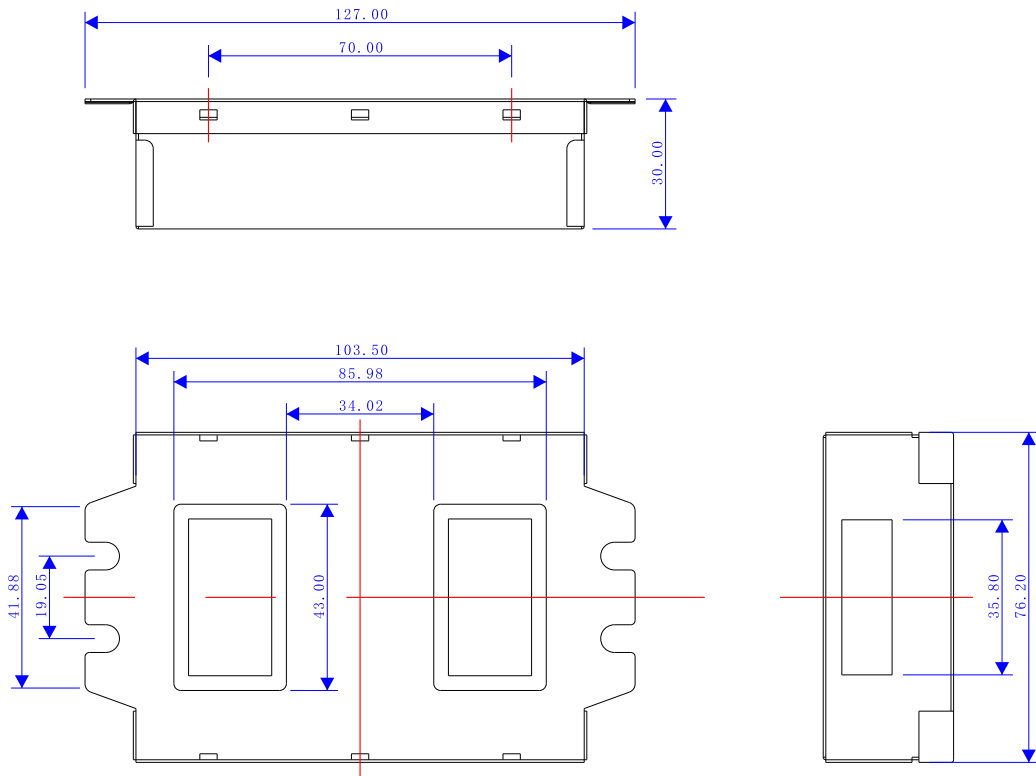
Physical Parameters

Mounting Length - 127mm

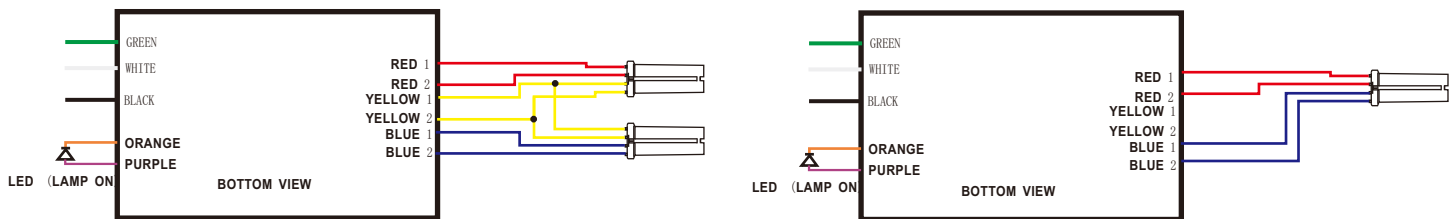
Width - 76 mm

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

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