



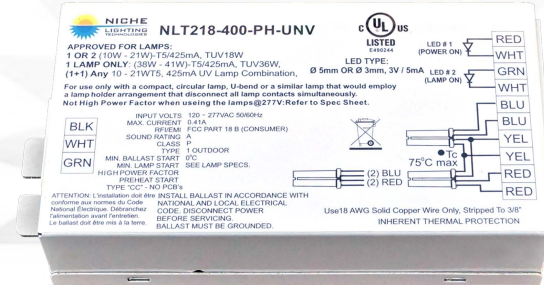
SPECIFICATION SHEET  
NLT218-400-PH-UNV



**Description : NLT218-400-PH-UNV electronic ballast developed for use with UV & tanning lamp applications. This Is An Original Product From NICHE LIGHTING Co., Inc.**

**This Ballast Will Operate Following Lamps.**

1. Refer to individual lamp listing for electrical data.
2. Approved for any T5 Ø, 425mA lamp.
3. Maximum ballast wattage 50W.



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

INPUT VOLT: 120V ± 10%, 50/60Hz									
LAMP WATTS/TYPE	10WT5	14WT5	15WT5	17WT5	TUV18W	21WT5	TUV36W	38WT5	41WT5
LAMP CURRENT	425mA	425mA	425mA	425mA		425mA		425mA	425mA
LAMPS OPERATED	1	1	1	1	1	1	1	1	1
INPUT WATTS	13.6	17.8	17.3	21.7	23.0	25.7	42.6	44.7	47.5
LINE CURRENT:	0.12	0.15	0.15	0.18	0.19	0.22	0.36	0.37	0.39
POWER FACTOR	>0.98								
BALLAST FACTOR	0.97	0.96	0.96	0.96	1.11	0.97	0.93	0.96	0.96
THD	< 10%								
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	75 °C ( 167 ° F )								
NOT HPF @ 277V :	1 x 17WT5/425mA, 1 x 15WT5/425mA, 1 x 14WT5/425mA, 1 or 2 x 10WT5/425mA, 1 x TUV 18W								
APPROVALS/CLASS	UL /cUL LISTED, CLASS " P ", Type 1 OUTDOOR, Type CC.								

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

INPUT VOLT: 120V ± 10%, 50/60Hz						
LAMP WATTS/TYPE	10WT5	14WT5	15WT5	17WT5	TUV18W	21WT5
LAMP CURRENT	425mA	425mA	425mA	425mA		425mA
LAMPS OPERATED	2	2	2	2	2	2
INPUT WATTS	23.2	30.4	32.5	39.3	43.5	48.3
LINE CURRENT:	0.20	0.26	0.27	0.33	0.36	0.40
POWER FACTOR	>0.98					
BALLAST FACTOR	0.96	0.94	0.94	0.94	1.10	0.96
THD	< 10%					
CURRENT CREST FACTOR	< 1.7					
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)					
SOUND RATING	" A "					
BALLAST TYPE	Pre Heat					
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**ELECTRICAL DATA (277V - 1 LAMP APPLICATION)**

INPUT VOLT: 120V ± 10%, 50/60Hz									
LAMP WATTS/TYPE	10WT5	14WT5	15WT5	17WT5	TUV18W	21WT5	TUV36W	38WT5	41WT5
LAMP CURRENT	425mA	425mA	425mA	425mA		425mA		425mA	425mA
LAMPS OPERATED	1	1	1	1	1	1	1	1	1
INPUT WATTS	13.9	17.7	17.7	21.8	22.8	25.6	41.3	42.8	46.6
LINE CURRENT:	0.07	0.08	0.08	0.09	0.09	0.10	0.16	0.16	0.17
POWER FACTOR	0.79	0.81	0.81	>0.90					
BALLAST FACTOR	0.97	0.96	0.96	0.95	1.11	0.97	0.93	0.96	0.96
THD	46.7%	31.3%	36.4%	22.1%	16.7%	15.6%	8.6%	< 10%	
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	75 °C ( 167 °F )								
NOT HPF @ 277V : 1 x 17WT5/425mA, 1 x 15WT5/425mA, 1 x 14WT5/425mA, 1 or 2 x 10WT5/425mA, 1 x TUV 18W									
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LAMP WATTS/TYPE	10WT5	14WT5	15WT5	17WT5	TUV18W	21WT5	
LAMP CURRENT	425mA	425mA	425mA	425mA		425mA	
LAMPS OPERATED	2	2	2	21	2	2	
INPUT WATTS	23.1	30.0	31.7	38.4	42.4	47.5	
LINE CURRENT:	0.09	0.12	0.12	0.15	0.16	0.18	
POWER FACTOR	>0.90						
BALLAST FACTOR	0.96	0.94	0.94	0.93	1.10	0.96	
THD	16.6%	14.4%	13.4%	13.6%	10.9%	8.1%	
CURRENT CREST FACTOR	< 1.7						
EMI/RFI COMPLIANCE	FCC PART 18-B (Consumer)						
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