

DESCRIPTION

Metalux AP series APS-NS is a functional general-purpose narrow strip family that incorporates performance and construction durability. Designed with easy-to-use features, the APS-NS significantly reduces installation time. The APS-NS can be installed using various mounting methods.

The APS-NS can be the illumination solution in commercial, industrial, retail and residential applications. Fixtures can be used in storage/utility areas, coves, display cases, shops, task and general area lighting.

SPECIFICATION FEATURES

Construction

Channel is constructed die formed cold rolled steel with numerous KOs for ease of installation. Channel/wireway cover secured with quarter-turn fasteners. End plate quickly converts to channel connector for continuous row alignment.

Electrical*

Equipped with a NEMA premium ballast on T8 versions. Rotor Lock lampholders. UL/CUL listed. Suitable for damp locations.

Finish

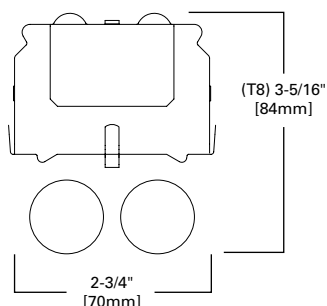
Baked white enamel finish.

Channel/Wireway Cover

Die formed code gauge steel. Tight fit for ease of maintenance. Easily removed without use of tools.

Compliance

Options to meet Buy American and other domestic preference requirements.



Metalux AP Series

Catalog #		Type
Project		
Comments		Date
Prepared by		



APS-NS

117, 125
132
217, 225
232

2', 3', 4' OR 8' STRIP
1, 2 OR 4 T8 LAMPS

Narrow Striplight



Catalog Number	Product Description	Wattage	UPC
APS-NS117	24", 1 LAMP, T8, NARROW STRIPLIGHT	17W	080083622313
APS-NS217	24", 2 LAMP, T8, NARROW STRIPLIGHT	17W	080083622320
APS-NS132	48", 1 LAMP, T8, NARROW STRIPLIGHT	32W	080083622351
APS-NS232	48", 2 LAMP, T8, NARROW STRIPLIGHT	32W	080083622382
APS-8NS132	96", 2 LAMP, T8, NARROW STRIPLIGHT	32W	080083622368
APS-8NS232	96", 4 LAMP, T8, NARROW STRIPLIGHT	32W	080083622399

SHIPPING INFORMATION

Catalog Number	WGHT.	Pallet Qty.
APS-NS117	4.2	168
APS-NS217	4.2	168
APS-NS132	4.67	84
APS-NS232	4.67	84
APS-8NS132	9.34	126
APS-8NS232	9.34	126

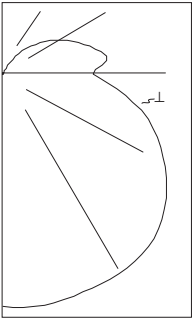
LAMPS CONTAIN MERCURY. DISPOSE ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

LINEAR DISCONNECT

Safe and convenient means of disconnecting power.

*Reference the lamp/ballast data in themTechnical Section for specific lamp/ballast requirements. † One lamp only.

PHOTOMETRICS



APS-NS232
Electronic Ballast

Two F32T8/35K Lamps
2800 Lumens

Spacing criterion:
(H) 1.2 x mounting
height, (L) 1.5 x
mounting height

Efficiency 90.1%

Test Report:
APS-NS232.IES

Coefficients of Utilization

Effective floor cavity reflectance										20%											
rc	80%				70%				50%				30%				10%				0%
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
RCR																					
0	103	103	103	103	99	99	99	99	90	90	90	83	83	83	76	76	76	72			
1	91	86	81	77	87	82	78	74	75	72	68	68	66	63	62	60	58	55			
2	82	73	66	60	78	70	64	58	64	59	54	58	54	50	53	50	47	44			
3	74	64	55	49	70	61	53	47	55	49	44	51	45	41	46	42	38	35			
4	67	56	47	41	64	53	45	39	49	42	37	44	39	35	41	36	32	30			
5	62	49	41	34	58	47	39	33	43	37	31	40	34	29	36	31	27	25			
6	57	44	36	30	54	42	34	29	39	32	27	36	30	25	33	28	24	22			
7	52	40	31	26	50	38	30	25	35	28	24	32	27	22	30	25	21	19			
8	49	36	28	23	46	35	27	22	32	25	21	29	24	20	27	22	19	17			
9	45	33	25	20	43	32	25	20	29	23	19	27	22	18	25	20	17	15			
10	42	30	23	18	40	29	22	18	27	21	17	25	20	16	23	18	15	13			

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	805	14.4	16.0
0-40	1364	24.4	27.0
0-60	2638	47.1	52.3
0-90	4049	72.3	80.3
90-180	993	17.7	19.7
0-180	5043	90.1	100.0

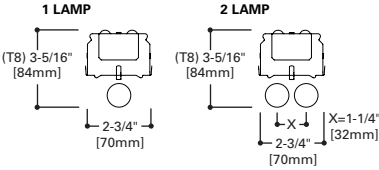
Luminance Data

Angle in Deg	Average 0-Deg cd/sm	Average 45-Deg cd/sm	Average 90-Deg fcd/sm
45	13624	17577	20140
55	12829	19375	22766
65	11676	22113	27282
75	9619	28523	36952
85	5173	56907	82706

Candela

Angle	Along H	45°	Across L
0	989	989	989
10	974	986	991
20	924	958	989
30	835	918	995
40	716	868	982
50	572	797	921
60	413	689	829
70	248	563	715
80	92	412	566
90	1	272	420
100	1	304	490
110	0	240	410
120	1	179	325
130	1	121	235
140	2	66	149
150	2	18	69
160	3	2	9
170	3	2	0
180	2	2	2

LAMP CONFIGURATIONS



MOUNTING DATA

