

COOPER LIGHTING - METALUX®

DESCRIPTION

The WP Series is a fully assembled wrap that features value coupled with energy efficient T8 performance. The luminaire offers a narrow design along with a low glare extruded lens that adds to the overall aesthetics.

The cost-effective WP Series is an excellent choice for most residential applications.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

A... Construction

Housing is manufactured with die formed cold rolled steel. End caps are welded to chassis. Ballast cover is easily removed without tools.

B... Electrical*

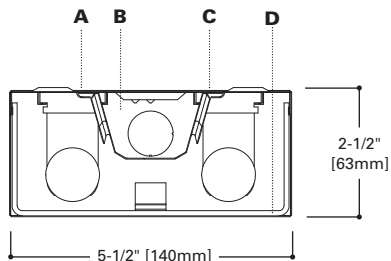
Rapid Start 120V Residential Ballast is Class "P" Rated and is positively secured with mounting bolts. Rotor Lock lampholders. Energy Star & UL/cUL Listed. Suitable for damp locations.

C... Finish

Paint after fabrication ensures a consistent, high quality white finish.

D... Frame/Shielding

High impact Acrylic lens with a rubber additive for increased durability. Lift and shift lens is mechanically retained by end caps.

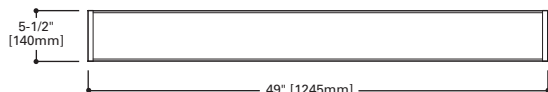


**WP
232R**

**4' SURFACE
T8 LAMPS**

Residential Wrap

MOUNTING DATA



ENERGY DATA

Input Watts:
EB Ballast & STD Lamps
232 (53)

Luminaire Efficacy Rating
LER =FW67
Catalog Number: **WP232R**

Yearly Cost of 1000 lumens,
3000 hrs at .08 KWH = \$3.56

*Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements.

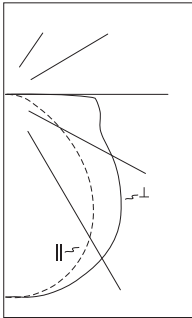


LAMPS CONTAIN MERCURY. DISPOSE ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

ADF091499



PHOTOMETRICS



WP232R
Energy Saving
Ballast

F32T8/35K Lamps
3100 Lumens

Spacing criterion:
(H) 1.2 x mounting
height, (⊥) 1.4 x
mounting height

Efficiency 66.2%

Test Report:
WP232R.IES

LER = FW-67

Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$3.56

Coefficients of Utilization

rc	Effective floor cavity reflectance																	
	80%				70%				20%									
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0%
RCR																		
0	79	79	79	79	77	77	77	77	74	74	74	70	70	70	68	68	68	66
1	70	66	63	59	68	65	61	58	62	59	56	59	57	55	57	55	53	52
2	63	57	52	47	61	56	51	47	53	49	46	51	48	45	49	46	44	42
3	58	50	44	39	56	49	43	39	47	42	38	45	41	37	43	40	37	35
4	53	44	38	33	51	43	37	33	41	36	32	40	35	32	38	34	31	30
5	48	39	33	28	47	39	33	28	37	32	28	36	31	27	34	30	27	26
6	45	35	29	25	43	35	29	25	33	28	24	32	28	24	31	27	24	22
7	41	32	26	22	40	31	26	22	30	25	21	29	25	21	29	24	21	20
8	39	29	23	19	37	29	23	19	28	23	19	27	22	19	26	22	19	18
9	36	27	21	17	35	26	21	17	26	21	17	25	20	17	24	20	17	16
10	34	25	19	16	33	24	19	16	24	19	16	23	19	16	22	18	15	14

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1000	16.1	24.4
0-40	1651	26.6	40.2
0-60	2905	46.9	70.8
0-90	4105	66.2	100.0
90-180	0	0	0
0-180	4105	66.2	100.0

Luminance Data

Angle in Deg	Average 0-Deg cd/sm	Average 45-Deg cd/sm	Average 90-Deg cd/sm
45	6252	7452	8704
55	5049	7096	8983
65	3885	6765	9719
75	3587	8457	14254
85	4233	22575	39789

Candela

Angle	Along H	45°	Across ⊥
0	1240	1240	1240
5	1243	1250	1246
10	1229	1248	1251
15	1201	1231	1242
20	1157	1202	1224
25	1098	1161	1196
30	1025	1107	1169
35	935	1041	1128
40	831	959	1075
45	719	857	1001
50	595	755	919
55	471	662	838
60	360	566	753
65	267	465	668
70	195	388	617
75	151	356	600
80	110	344	587
85	60	320	564
90	0	0	0

ORDERING INFORMATION

SAMPLE NUMBER: WP232R

Series ⁽¹⁾ WP=Surface Wrap	Number of Lamps ⁽²⁾ 2=2 Lamps (Not Included)	Wattage 32=32WT8 (48")	Application R=Residential (120V)
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NOTES: ⁽¹⁾ Steel endplates with 7/8" KO standard for continuous row mount. ⁽²⁾ 2 point suspension recommended (up to 4').
For complete product data, reference the Fluorescent Specification binder. Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.

SHIPPING INFORMATION

Catalog No.	Wt.
WP-232R	8 lbs.