

DESCRIPTION

The WE Economy Wraparound features value and energy efficient performance. The luminaire's characteristic clean, low profile design is appealing and functional. The WE utilizes a clear, low brightness, extruded acrylic refractor and injection molded end caps for dependable performance and good looks.

The efficient and economical WE wrap has been designed as an economical choice for value engineered applications. It is an ideal choice for most any wraparound situation including schools, retail, file and copy areas and storage spaces.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

Housing is die formed of code gauge prime cold rolled steel. Ballast cover is easily removed without tools. White injection molded end caps of U.L. approved polycarbonate plastic with smooth, soft radius corners for clean aesthetic.

Electrical*

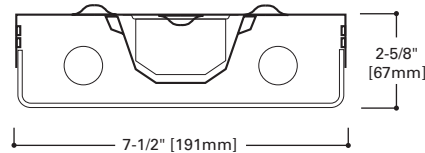
Ballasts are CBM/ETL Class "P" and are positively secured by mounting bolts. Pressure lock lampholders. UL/CUL listed. Suitable for damp locations.

Finish

Multistage, iron phosphate pretreatment ensures maximum bonding and rust inhibitor. Lighting grade, baked white enamel finish.

Frame/Shielding

Extruded 100% clear virgin acrylic refractor/lens. Lens is mechanically retained by end caps.

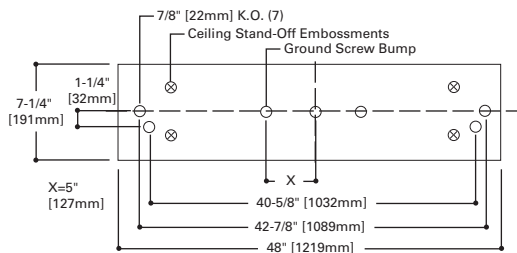


WE
232
240

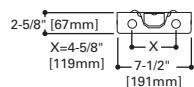
4' SURFACE
2 LAMPS

Economy Wrap

MOUNTING DATA

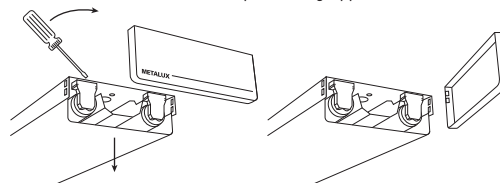


LAMP CONFIGURATIONS



LENS RETENTION

Lens is mechanically retained by end caps.
(Not Recommended For Sloped Ceiling Applications.)



ENERGY DATA

Input Watts:

EB Ballast & STD Lamps

240 (72)

232 (61)

ES Ballast & STD Lamps

240 (86)

232 (71)

Luminaire Efficacy Rating

LER = FW-68

Catalog Number: WE-232A-EB81

Yearly Cost of 1000 lumens,

3000 hrs at .08 KWH = \$3.53

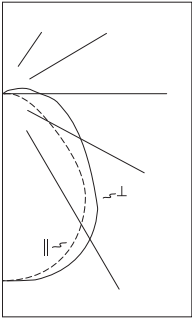
*Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements.

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

LINEAR DISCONNECT

Safe and convenient means of disconnecting power.

PHOTOMETRICS



WE-232A
 Electronic Ballast
 F32T8/35K Lamps
 2800 Lumens
 Spacing criterion:
 (||) 1.2 x mounting
 height, (⊥) 1.3 x
 mounting height
 Efficiency 79.7%
 Test Report:
 WE232A.IES
 LER = FW-68
 Yearly Cost of 1000
 lumens, 3000 hrs at
 .08 KWH = \$3.53

Coefficients of Utilization

rc	Effective floor cavity reflectance																				
	80%				70%				20%												
	50	30	10	0	50	30	10	0	50	30	10	0									
0	94	94	94	94	91	91	91	91	86	86	86	86	81	81	81	81	76	76	76	76	74
1	85	81	77	74	82	79	75	73	74	72	69	67	70	68	66	65	67	65	63	61	61
2	77	71	65	61	75	69	64	60	65	61	57	55	62	58	55	53	59	56	53	51	51
3	71	63	56	51	69	61	55	50	58	53	49	47	55	51	47	46	52	49	46	44	44
4	65	56	49	44	63	54	48	43	52	46	42	41	49	45	41	40	47	43	40	38	38
5	60	49	42	37	58	48	42	37	46	40	36	35	44	39	35	34	42	37	34	32	32
6	55	44	37	32	53	43	37	32	41	35	31	30	39	34	30	29	38	33	30	28	28
7	51	40	33	28	49	39	32	28	37	31	27	26	36	30	27	26	34	29	26	24	24
8	47	36	29	24	45	35	28	24	33	28	24	23	32	27	23	23	31	26	23	21	21
9	43	32	25	21	42	31	25	21	30	24	20	20	29	24	20	20	28	23	20	18	18
10	40	29	23	18	39	29	22	18	27	22	18	18	26	21	18	18	25	21	17	16	16

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1103	19.7	24.7
0-40	1814	32.4	40.6
0-60	3142	56.1	70.4
0-90	4161	74.3	93.2
90-180	303	5.4	6.8
0-180	4464	79.7	100.0

Typical VCP Percentages

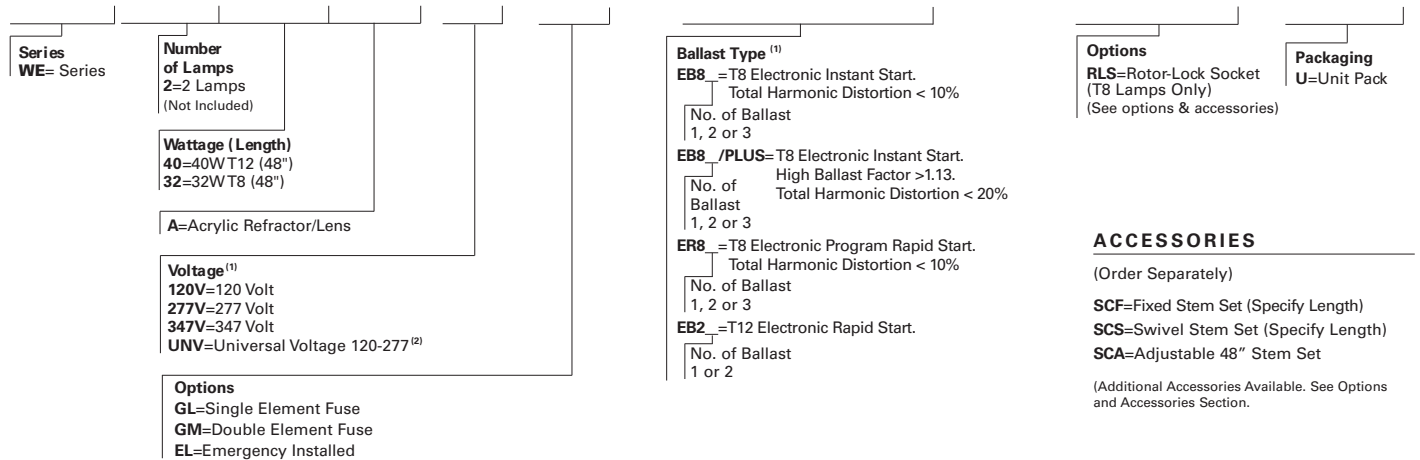
Room Size (Ft.)	Height Along		Height Across	
	8.5'	10.0'	8.5'	10.0'
20 x 20	53	59	42	51
30 x 30	46	50	33	39
30 x 60	41	44	23	26
60 x 30	44	48	38	43
60 x 60	38	41	25	28

Candela

Angle	Along	45°	Across ⊥
0	1378	1378	1378
10	1350	1375	1386
20	1275	1328	1351
30	1151	1221	1251
40	969	1042	1098
50	712	806	893
60	431	567	686
70	211	383	536
80	87	277	420
90	1	156	259
100	0	102	171
110	0	59	95
120	1	40	57
130	1	27	39
140	2	20	25
150	3	13	17
160	4	8	10
170	0	0	0
180	0	0	0

ORDERING INFORMATION

SAMPLE NUMBER: WE-232A-120V-EB81-U



NOTES: (1)Products also available in non-US voltages and frequencies for international markets. (2)Not available when specifying emergencies, voltage must be specific. 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.

ACCESSORIES

(Order Separately)
 SCF=Fixed Stem Set (Specify Length)
 SCS=Swivel Stem Set (Specify Length)
 SCA=Adjustable 48" Stem Set
 (Additional Accessories Available. See Options and Accessories Section.)

SHIPPING DATA

Catalog No.	Wt.
WE-240A	17 lbs.
WE-232A	17 lbs.