

TYPE:

CATALOG#:

METALUX®

DESCRIPTION

The W Series wraparound features economy and energy efficient performance. The luminaire's characteristic clean, low profile design is both appealing and practically functional. The W Series utilizes a clear, low brightness, extruded acrylic refractor and a heavy gauge steel end plate with embossed light seal for dependable performance and good looks.

APPLICATION

The efficient and economical W Series is the perfect wrap-around for commercial spaces, schools, dormitories, offices and retail areas.

SPECIFICATION FEATURES

A...Construction

Housing die formed code gauge prime cold rolled steel. Six full length ribs for strength. Ballast cover easily removed without tools. Steel end plates with 7/8" KO and light-seal embossment. Couplers for continuous row mounting.

B...Electrical*

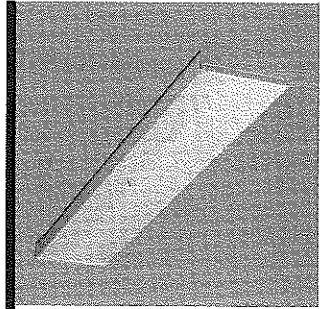
Ballasts are CBM/ETL Class "P" and are positively secured by mounting bolts. Pressure lock lampholders. UL listed. Add "CAN" prefix to catalog number for CSA certification.

C...Finish

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

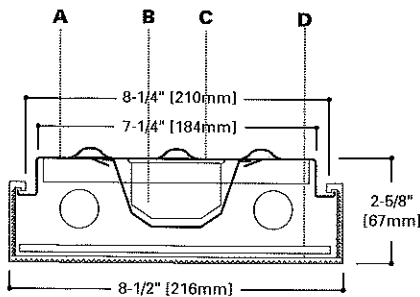
D...Frame/Shielding

100% clear virgin acrylic refractor/lens. Sides have inside linear prisms and bottom has pyramidal prisms for low brightness control. Lens can be hinged from either side in a lift and shift manner.

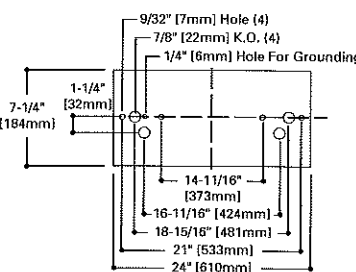
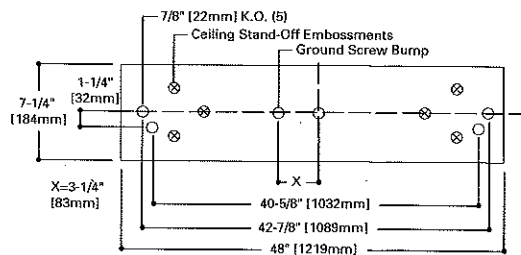
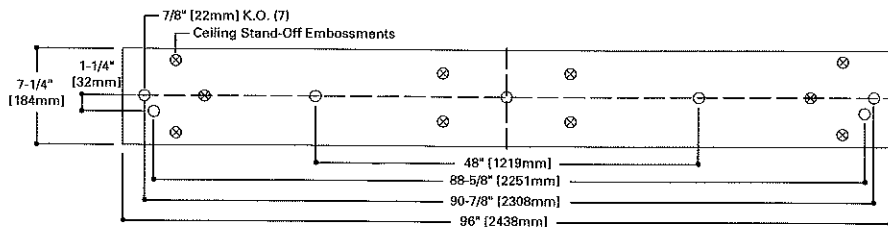


W220
217
240
232

2' SURFACE
2 LAMPS LTS OR HTS
4' OR 8' SURFACE
2 LAMPS
Surface Wraparound



MOUNTING DATA



ENERGY DATA

Input Watts:
EB Ballast & STD Lamps
217 (36)
240 (72)
232 (61)

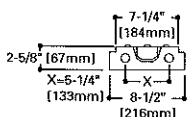
ES Ballast & STD Lamps
220 (58)
217 (45)
240 (86)
232 (71)

Luminaire Efficacy Rating
LER = FW-72
Catalog Number: W-232A

Yearly Cost of 1000 lumens,
3000 hrs at .08 KWH = \$3.33

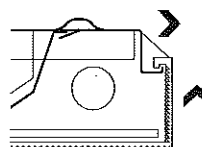
*Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements.

LAMP CONFIGURATIONS

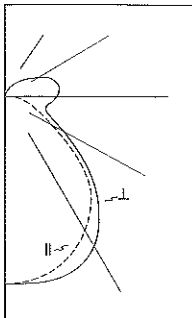


LIFT & SHIFT REFRACTOR

Easily Removed. Hinges Either Side (Not Recommended For Sloped Ceiling Applications.)



PHOTOMETRICS



W-232A
Energy Saving
Ballast

F32T8/35K Lamps
2850 Lumens

Spacing criterion:
(H) 1.3 x mounting
height, (L) 1.4 x
mounting height

Efficiency 80.5%

Test Report
#134P108

LER = FW-72

Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$3.33

Coefficients of Utilization

rc	Effective floor cavity reflectance								20%																		
	80%				70%				50%				30%				10%				0%						
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
RCR	0	92	92	92	92	88	88	88	88	81	81	81	75	75	75	68	68	68	66	66	66	66	66	66	66	66	66
	1	84	80	77	74	80	77	74	71	71	69	66	65	63	62	60	59	57	55	55	55	55	55	55	55	55	55
	2	77	71	66	61	74	68	63	59	63	59	56	58	55	52	54	51	49	47	47	47	47	47	47	47	47	47
	3	71	63	57	52	68	61	55	51	56	52	48	52	48	45	48	45	43	40	40	40	40	40	40	40	40	40
	4	65	56	50	45	62	54	48	43	50	45	41	47	43	39	43	40	37	35	35	35	35	35	35	35	35	35
	5	60	50	43	38	57	48	42	37	45	40	36	42	37	34	39	35	32	30	30	30	30	30	30	30	30	30
	6	55	45	38	33	53	43	37	32	40	35	31	38	33	30	35	31	28	26	26	26	26	26	26	26	26	26
	7	51	40	34	29	49	39	33	28	37	31	27	34	29	26	32	28	25	23	23	23	23	23	23	23	23	23
	8	47	36	30	25	45	35	29	25	33	28	24	31	26	23	29	25	22	20	20	20	20	20	20	20	20	20
	9	43	33	26	22	41	32	26	21	30	24	21	28	23	20	26	22	19	17	17	17	17	17	17	17	17	17
	10	40	30	23	19	38	29	23	19	27	22	18	25	21	17	24	20	17	15	15	15	15	15	15	15	15	15

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1077	18.9	23.5
0-40	1775	31.1	38.7
0-60	2960	51.9	64.5
0-90	3739	65.6	81.4
90-180	852	14.9	18.6
0-180	4591	80.5	100.0

Typical VCP Percentages

Room Size (Ft.)	Height Along		Height Across	
	8.5'	10.0'	8.5'	10.0'
20 x 20	65	70	63	70
30 x 30	58	62	53	60
30 x 60	50	53	37	43
60 x 30	59	63	56	62
60 x 60	50	53	39	44

Candela

Angle	Along II	45°	Across I
0	1328	1328	1328
10	1307	1324	1336
20	1238	1296	1334
30	1122	1211	1249
40	950	1023	1034
50	667	749	738
60	364	451	441
70	200	277	310
80	108	189	325
90	10	155	374
100	11	241	389
110	12	232	344
120	13	166	253
130	13	106	164
140	14	59	92
150	14	35	51
160	15	25	32
170	15	17	19
180	13	13	13

ORDERING INFORMATION

SAMPLE NUMBER: W-232A

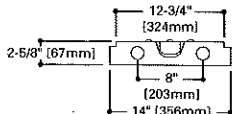
W	2	A	Options (add as suffix)
Tandem 8T=8' Length	Number of Lamps (Not included)	Acrylic Refractor/Lens	Ballast Type LE3= Energy Saving Ballast® LEOC8= Energy Saving Ballast (T-8 Lamp Only) EB = Generic Electronic Ballast No. of Ballasts 1 or 2 Lamp Size 2-T12 8-T8 (For Specific Electronic Ballast Specify Brand and Catalog Number) Leave Blank for LTS and HTS Fixtures.
Wide Body A= 2 Lamps	Wattage (Length) 20=20W (24") 17=17W (24") 40=40W (48") 32=32W T8 (48")		Options GL=Internal Single Element Fusing GM=Dual Element Fusing EL4=Emergency Lighting self-contained¹ RIF1=Radio Interference Suppressor (Additional options available. See Accessory Section)
Series	Voltage LTS=Low Trigger Start (20 Watt) HTS=High Trigger Start (20 Watt)		
	Voltage¹ 120=120V 277=277V		

ACCESSORIES

(Order Separately)
A-_____Stem/Set-B=Stem Sets
(Specify Length)(Use 2 Per Fixture)
AS-_____Stem/Set-B=Swivel Stem Sets
(Specify Length)(Use 2 Per Fixture)
A1B/Spacer-U=Spacer 1-1/2" to 2-1/2"
from ceiling (Use 2 per fixture)
Lengths Available: 6, 8, 12, 18, 24, 36, 48
(Additional Accessories Available. See Options
and Accessories Section.

LAMP SPACING (8")

(2 Lamp Housing with 8" lamp spac-
ing also available.)



Catalog Number
W-A-232A (120V or 277V)

SHIPPING INFORMATION

Catalog No.	Wt.
W-217A	8 lbs.
W-232A	17 lbs.
8TW-232A	33 lbs.

NOTE See option/accessories sections for additional detailed product data.
Specifications and Dimensions subject to change without notice.

¹ Consult Pre Sales Technical Support.