

FEATURES

- Heavy code gauge cold rolled steel housing
- One piece shielding assembly easily removable for cleaning without the use of hardware
- Easy installation and maintenance
- White powder coat finish, painted after fabrication
- White textured endcaps of injection molded thermoplastic
- Low profile design
- Variety of options available
- Ideal for restroom, stairwell, work station and bedlighting
- UL listed 1598 for damp locations

PROJECT INFORMATION

Project Name _____

Type _____

Catalog No. _____

Date _____

CONSTRUCTION

Heavy code gauge cold rolled steel housing and ballast cover. Embossed housing. Endcaps are textured, injection molded plastic, with an opaque finish to match housing.

FINISH

Painted parts are treated with a five stage phosphate bonding process and finished with a high reflectance baked white powder coat finish, applied after fabrication.

BALLASTS

Energy efficient, thermally protected, automatic resetting, Class P, high power factor, sound rated A, magnetic or electronic ballasts. CEE NEMA Premium compliant.

SHIELDING

Front of diffuser has inside linear prisms and bottom has pyramidal prisms for low brightness control. For added strength and durability, 25% DR is standard. Lens slides forward for easy installation and maintenance

ELECTRICAL

Standard class "P", thermally protected, autoresetting HPP ballast, sound rated A. CEE NEMA Premium compliant. All ballast leads extend a minimum of 6" through access location. NEC/CEC-compliant ballast disconnect is standard.

CERTIFICATION

All luminaires are built to UL 1598 standards and bear appropriate UL and cUL or CSA labels. Damp location labeling is standard. Emergency-equipped fixtures labeled UL 924.

ORDERING INFORMATION

EXAMPLE WAL4-1U1D32-EU

WAL		- 1U1D							
MODEL	SIZE	DISTRIBUTION	LAMP TYPE	BALLAST	VOLTAGE	OPTIONS			
WAL Low Profile Wall Mount	2 2' 3 3' 4 4'	1U1D 1-Lamp Uplight, 1-Lamp Downlight	17 2', T8: 17 Watt 25 3', T8: 25 Watt 28 4', T5: 28 Watt 32 4', T8: 32, 30, 28 or 25 Watt 40TT Twin Tube Compact, 2G11 Base: 40 Watt 54 4', T5HO: 54 or 51 Watt	E Electronic T8, Instant Start ETT Electronic Twin Tube, Instant Start, (Specify voltage) EP Electronic T5 or T8, Programmed Start <small>For others available, see Ballast Options.</small>	U 120V-277V 347 347V	GLR Fast Blow Fuse EL Emergency Battery Pack GCO Grounded Convenience Outlet (120V only) PSW Pull Switch, One Circuit (120V only) PSWD Pull Switch, Wired to the Downlight Circuit on a Two Circuit Unit (120V only) 4PSW Four-way Pull Switch, for Two Circuit, 2-Lamp Units (120V only) LUB Less Uplight Baffle NYC NYC Compliant NYCU NYC Compliant, Union Label	<small>For a complete list of options, see options and accessories section.</small>		

PHOTOMETRIC DATA

AVG. LUMINANCE (Candela/Sq. M.)

LUMINAIRE DATA

Luminaire	WAL4-1U1D32-E WAL Surface Mounted 8" x 49" 2-Lamp Wall Mount with Acrylic Prismatic Lens
Ballast	B2321120HP
Ballast Factor	0.88
Lamp	F32T8
Lumens per Lamp	2900
Watts	55
Shielding Angle	N/A
Spacing Criterion	N/A
Luminous Opening in Feet	Length: 4.00 Width: 0.47 Height: 0.00

Average Luminance Angle	0.0	45.0	90.0	135.0	180.0
0	3842	3842	3842	3842	3842
30	3762	4211	4205	4211	3762
40	3625	3767	3730	3767	3625
45	3425	3425	3441	3425	3425
50	2948	3082	3216	3082	2948
55	2166	2695	3074	2695	2166
60	1683	2359	3035	2359	1683
65	1490	2290	3522	2290	1490
70	1389	2628	5072	2628	1389
75	1349	3650	7986	3650	1349
80	1352	6133	12892	6133	1352
85	1314	13993	25818	13993	1314

ZONAL LUMEN SUMMARY

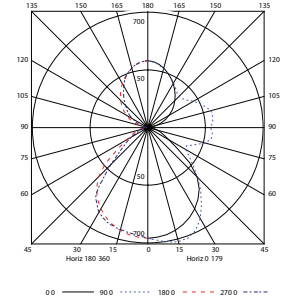
Zone	Lumens	% Lamp	% Fixt.
0-30	545	9.4	17.3
0-40	894	15.4	28.4
0-60	1432	24.7	45.6
0-90	1830	31.5	58.2
90-120	467	8.0	14.8
90-130	649	11.2	20.7
90-150	1014	17.5	32.3
90-180	1313	22.6	41.8
0-180	3142	54.2	100.0

COEFFICIENTS OF UTILIZATION (%)

RCR	80				70				50				0						
	RW	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10	0	
1	53	51	49	46	50	47	45	44	41	40	38	26	26	26	26	26	26	26	26
2	49	45	41	38	45	42	39	36	36	34	32	21	21	21	21	21	21	21	21
3	45	39	35	32	41	37	33	30	32	29	27	18	18	18	18	18	18	18	18
4	41	35	31	27	38	33	29	26	29	25	23	16	16	16	16	16	16	16	16
5	38	31	27	23	35	29	25	22	26	22	20	14	14	14	14	14	14	14	14
6	35	28	24	20	32	26	22	19	23	20	18	12	12	12	12	12	12	12	12
7	32	25	21	18	30	24	20	17	21	18	16	11	11	11	11	11	11	11	11
8	30	23	19	16	28	22	18	15	19	16	14	10	10	10	10	10	10	10	10
9	28	21	17	14	26	20	16	14	18	15	12	9	9	9	9	9	9	9	9
10	26	19	15	13	24	18	15	12	16	13	11	8	8	8	8	8	8	8	8

Test 11829 Test Date 1/8/03

INDOOR CANDELA PLOT



RCR = Room Cavity Ratio

RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

ENERGY DATA

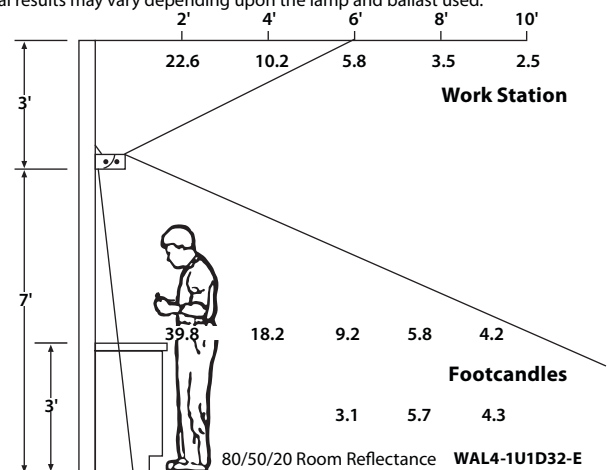
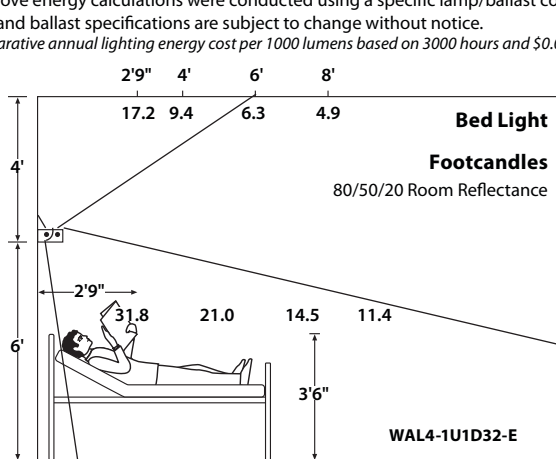
Total Luminaire Efficiency	54.2%
Luminaire Efficacy Rating (LER)	50
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$4.80 based on 3000 hrs. and \$0.08 per KWH

ENERGY DATA

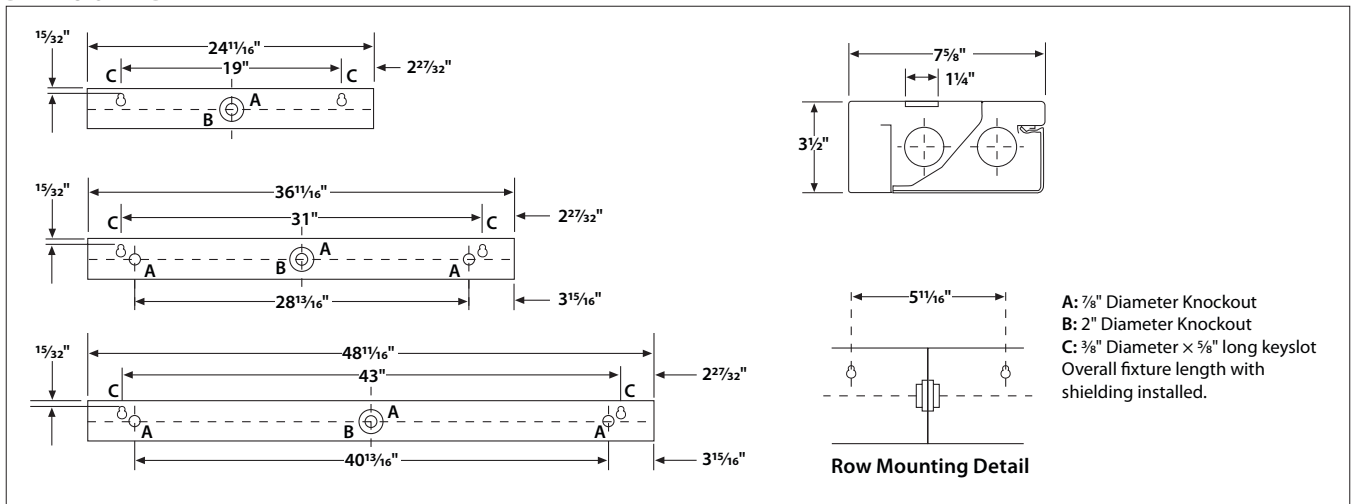
LER: 51 Energy Cost: \$4.71*
Input Watts: 55 BF: .88

The above energy calculations were conducted using a specific lamp/ballast combination. Actual results may vary depending upon the lamp and ballast used. Lamp and ballast specifications are subject to change without notice.

*Comparative annual lighting energy cost per 1000 lumens based on 3000 hours and \$0.08 per KWH.



DIMENSIONAL DATA



NOTE: All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.