

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. End caps 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. Uplight diffuser is prismatic acrylic.

ELECTRICAL

Standard class "P", thermally protected, autoresetting HPF 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 WAL4-1UD32-EU

MODEL	NO. OF LAMPS IN CROSS SECTION	LAMP TYPE	BALLAST	VOLTAGE	OPTIONS
WAL Low Profile Wall Mount	1 One 2 Two	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 (2' and 4' units only, see chart below) 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	U 120V-277V 347 347V	GLR Fast Blow Fuse GMF Slow Blow Fuse NL Incandescent Night Light Socket (120V only) EL Emergency Battery Pack GCO Grounded Convenience Outlet (120V only) PSW Pull Switch, One Circuit (120V only) NSW Night Light With Rotary Switch (120V only) PL7 Fluorescent Night Light for 7W T-4 G23 lamp. (Lamp not included). PL ballast will default to fixture voltage unless specified. Not available in 2' unit with battery pack. PL9 Fluorescent Night Light for 9W T-4 G23 lamp. (Lamp not included). PL ballast will default to fixture voltage unless specified. Not available in 2' unit with battery pack. PL13 Fluorescent Night Light for 13W T-4 GX23 lamp. (Lamp not included). PL ballast will default to fixture voltage unless specified. Not available in 2' unit with battery pack. NYC NYC Compliant NYCU NYC Compliant, Union Label
	SIZE 2 2' 3 3' 4 4'		For a specific ballast vendor, show as option.		For a complete list of options, see options and accessories section.
	DISTRIBUTION UD Up/Downlight				

Series	Length	Designation	No. of Lamps in Cross Section	Total Lamps
WAL	2	1UD40TT	1	1
WAL	2	2UD40TT	2	2
WAL	4	1UD40TT	1	2
WAL	4	2UD40TT	2	4

PHOTOMETRIC DATA

AVG. LUMINANCE (Candela/Sq. M.)

LUMINAIRE DATA

Luminaire	WAL4-1UD32-E WAL Surface Mounted 8" x 49" 1-Lamp Wall Mount with Acrylic Prismatic Lens
Ballast	B1321120HP
Ballast Factor	0.88
Lamp	F32T8
Lumens per Lamp	2900
Watts	30
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	3464	3464	3464	3464	3464
30	3352	4522	5018	4522	3352
40	3191	5239	6017	5329	3191
45	3012	5304	5781	5304	3012
50	2645	4694	4899	4694	2645
55	2016	3843	4183	3843	2016
60	1546	3092	3596	3092	1546
65	1382	2710	3224	2710	1382
70	1322	2695	3482	2695	1322
75	1327	2986	4646	2986	1327
80	1352	3891	7584	3891	1352
85	1380	7555	18066	7555	1380

ZONAL LUMEN SUMMARY

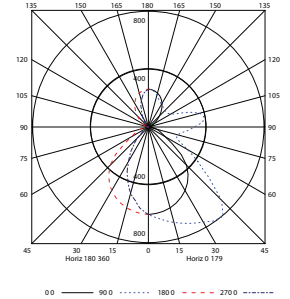
Zone	Lumens	% Lamp	% Fixt.
0-30	473	16.3	20.4
0-40	780	26.9	33.6
0-60	1300	44.8	56.0
0-90	1599	55.2	69.0
90-120	307	10.6	13.3
90-130	384	13.2	16.5
90-150	549	18.9	23.7
90-180	720	24.8	31.0
0-180	2319	80.0	100.0

COEFFICIENTS OF UTILIZATION (%)

RCR	80					70					50					0						
	RW	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	
1	81	77	74	71	77	73	70	68	65	63	61	46										
2	74	68	63	58	70	64	60	56	58	54	51	39										
3	68	60	54	49	64	57	51	47	51	47	43	33										
4	62	53	47	42	59	51	45	40	46	41	37	29										
5	57	48	41	36	54	45	39	35	41	36	32	25										
6	53	43	36	32	50	41	35	30	37	32	28	22										
7	49	39	32	28	46	37	31	27	34	29	25	20										
8	46	35	29	25	43	34	28	24	31	26	22	18										
9	43	32	26	22	40	31	25	21	28	23	20	16										
10	40	30	24	20	38	29	23	19	26	21	18	14										

Test 11828 Test Date 1/8/03

INDOOR CANDELA PLOT

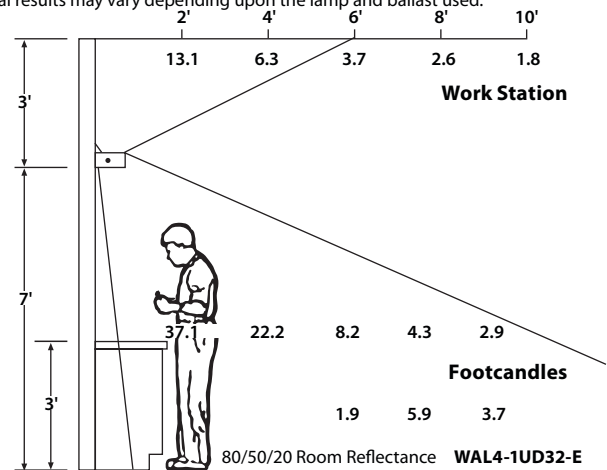
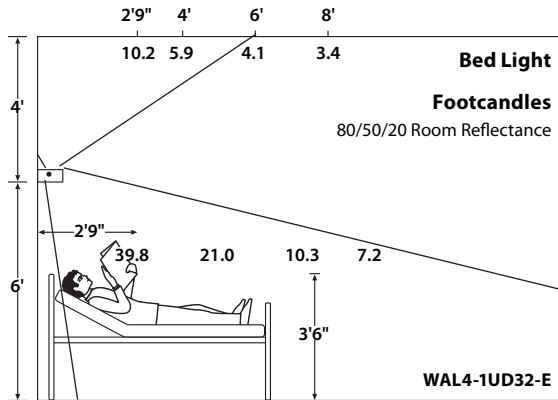


ENERGY DATA

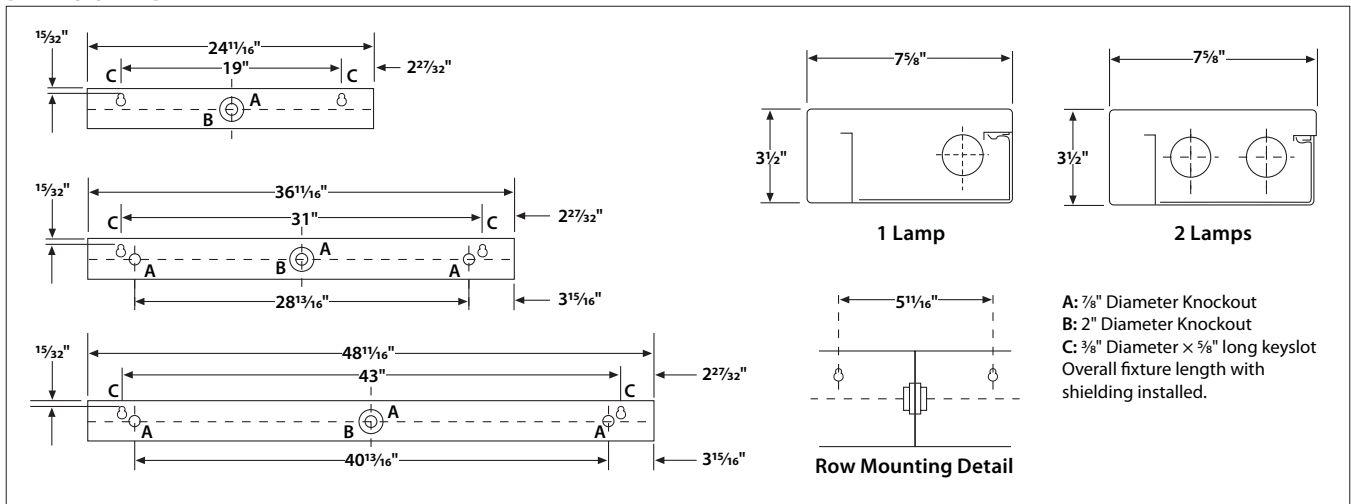
LER: 69 Energy Cost: \$3.48*
Input Watts: 30 BF: .88

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.