

**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.

**ELECTRICAL**

Standard class "P", thermally protected, auto-resetting HPF ballast, sound rated A. All ballast leads extend a minimum of 6" through access location. NEC/CEC-compliant ballast disconnect is standard.

**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.

**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

**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 WAL4-132-EU**

WAL		-		-		-	
MODEL	SIZE	NO. OF LAMPS	LAMP TYPE	BALLAST	VOLTAGE	OPTIONS	
WAL Low Profile Wall Mount	2 2' 3 3' 4 4'	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 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 NL Incandescent Night Light Socket (120V only) EL Emergency Battery Pack GCO Grounded Convenience Outlet (120V only) PSW Pull Switch, One Circuit (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. 4PSW Four-way Pull Switch, for Two Circuit, 2-Lamp Units (120V only) NYCU NYC Compliant, Union Labeled	

For others available, see Ballast Options.

For a complete list of options, see options and accessories section.

### PHOTOMETRIC DATA

#### AVG. LUMINANCE (Candela/Sq. M.)

	0.0	45.0	90.0	135.0	180.0
0	7306	7306	7306	7306	7306
30	7127	8852	9328	8852	7127
40	6884	9141	9776	9141	6884
45	6534	8769	9101	8769	6534
50	5710	7732	7812	7732	5710
55	4262	6498	6858	6498	4262
60	3298	5428	6252	5428	3298
65	2953	5013	6327	5013	2953
70	2812	5273	7901	5273	2812
75	2787	6437	11437	6437	2787
80	2803	9430	18465	9430	2803
85	2759	19840	38892	19840	2759

#### LUMINAIRE DATA

Luminaire	WAL4-232-EU WAL Surface Mounted 8" X 49" 2-Lamp Wall Mount with Acrylic Prismatic Lens
Ballast	B232I120HP
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

#### ZONAL LUMEN SUMMARY

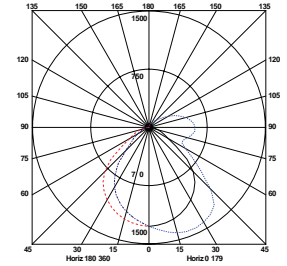
Zone	Lumens	% Lamp	% Fixt.
0-30	1023	17.6	25.9
0-40	1684	29.0	42.7
0-60	2737	47.2	69.3
0-90	3403	58.7	86.2
90-120	427	7.4	10.8
90-130	487	8.4	12.3
90-150	535	9.2	13.6
90-180	545	9.4	13.8
0-180	3948	68.1	100.0

#### COEFFICIENTS OF UTILIZATION (%)

RCR	80				70				50				0
	RW	70	50	30	10	70	50	30	10	50	30	10	0
1	72	68	65	62	69	66	63	61	61	59	57	48	
2	65	60	55	51	63	58	54	50	54	50	48	41	
3	60	53	48	43	57	51	46	42	48	44	40	35	
4	55	47	41	37	53	46	40	36	43	38	35	30	
5	51	42	37	32	49	41	36	32	39	34	30	26	
6	47	38	32	28	45	37	32	28	35	30	27	23	
7	44	35	29	25	42	34	28	25	32	27	24	21	
8	41	32	26	22	39	31	26	22	29	25	21	19	
9	38	29	24	20	37	28	23	20	27	22	19	17	
10	36	27	22	18	34	26	21	18	25	21	18	15	

Test 11804 Test Date 1/8/03

#### INDOOR CANDELA PLOT



RCR = Room Cavity Ratio

RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

#### ENERGY DATA

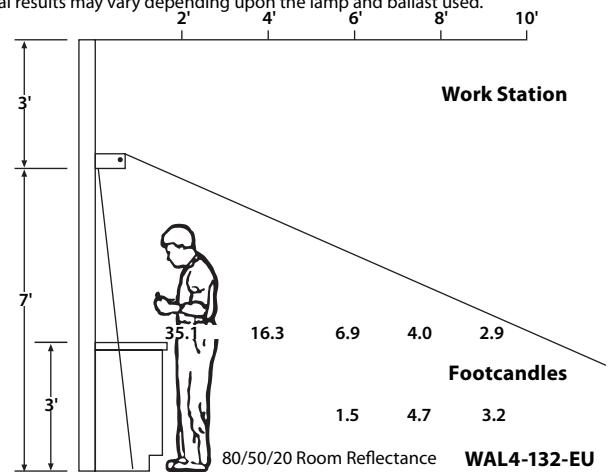
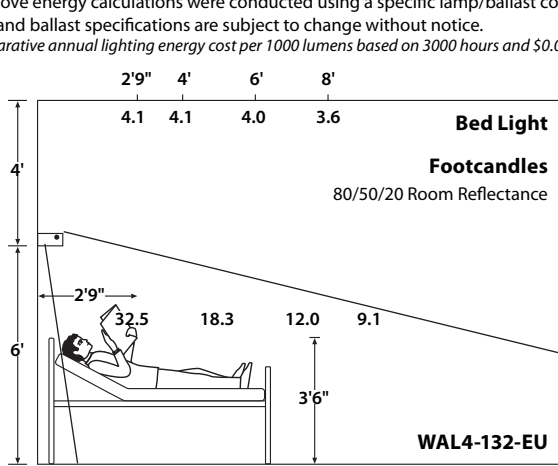
Total Luminaire Efficiency	68.1%
Luminaire Efficacy Rating (LER)	63
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$3.81 based on 3000 hrs. and \$0.08 per KWH

#### ENERGY DATA

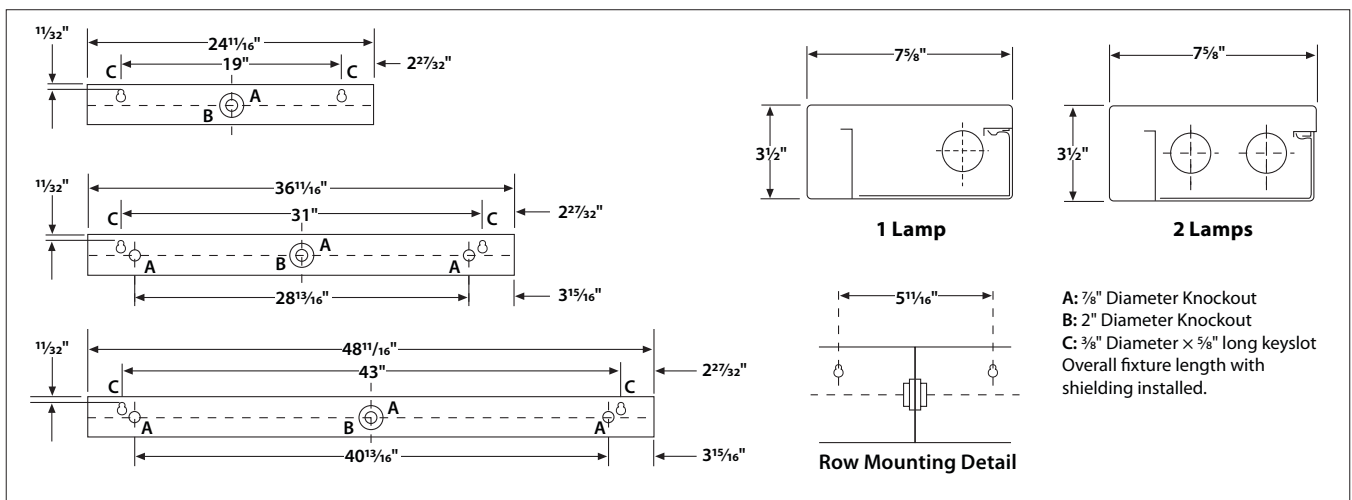
LER: 66 Energy Cost: \$3.64\*  
Input Watts: 30 BF: .88

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.