

555 Series

Ceiling/Wall Mount Luminaire



FEATURES & SPECIFICATIONS

INTENDED USE

Stylish ceiling/wall mounted luminaire in either white or walnut finish with a variety of lamp combinations and sizes enhanced by linear sided acrylic diffuser. Designed for baths, kitchens, rec rooms, corridors, aisles, stairwells, over or beside mirrors, over bulletin boards, in vanities, in displays.

SIZE H x W in inches (mm)

4.50H x 5.62W (115 x 145)

Available in 24, 36, and 48in (610, 915, 1220) lengths

LAMP

2 lamp positions

MOUNTING

Back plate provided with adequate knockouts and mounting holes for either wall or ceiling installation.

MATERIALS & FEATURES

All metal parts are die formed from heavy gauge cold roll steel with overlapping end caps to insure uniformity and dimensional stability. One light and two light units same external dimensions.

DIFFUSER

Linear sided prismatic lens of extruded acrylic for controlled light.

WIRING

Standard ballast are 120volts, 60 hertz.

LISTING

Fixture & Ballast: UL Listed

Ballast: Thermally protected, class P, HPF, Non PCB

TYPICAL OPTIONS AND ACCESSORIES

Custom finishes, internal divider, front baffle, pull chains, convenience outlets, and Emergency ballasts. CONTACT FACTORY for custom, compact fluorescent night light options. See options page at the end of the T02WallF section, or contact factory for more details.

ORDERING INFORMATION

Example: 555MW114MVWH

555	MW	1	14		MV		WH	
Series			Lamp Type [1]			Ballast Count		
555 Lensed wall mount Up/down light			17	24 in. T8		Blank (11)	Single Ballast Dual One Lamp Ballasts	
			25	36 in. T8				
			32	48 in. T8				
			14	24 in. T5				
			21	36 in. T5				
			28	48 in. T5				
			24	24 in. T5HO				
			39	36 in. T5HO				
			54	48 in. T5HO				
Lens Material					Ballast & Voltage		Finish	
A	Clear Prismatic acrylic				E120	Electronic, 120V	WH	White (Standard)
MW	Smooth white acrylic				E277	Electronic, 277V	OAK	Simulated Oak painted finish
					MV*	Electronic, Multivolt (120-277)	WAL	Simulated Walnut painted finish
						*Electronic Ballast, ≤ 10%THP, Instant Start	CH	Chrome finish
							CHEND	Chrome finish on end caps only
							Options [1]	
							SW2	Pull chain, 2 way switching (Use with single ballasts)
							GCO	Grounded convenience outlet (North American 3 Prong)
							EM	Emergency ballast, 500 lumens
							EM14	Emergency ballast, 1100 lumens

BOTH Divider and Front Shield REQUIRED for operation of up and down light. Dual ballasts are required for separate switching. Top and Front Shield REQUIRED for 100% down light

Catalog Number:

Notes:

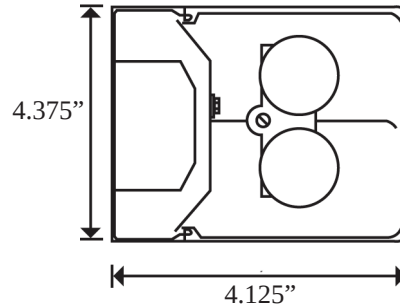
555 Series

Ceiling/Wall Mount Luminaire



DIMENSIONS

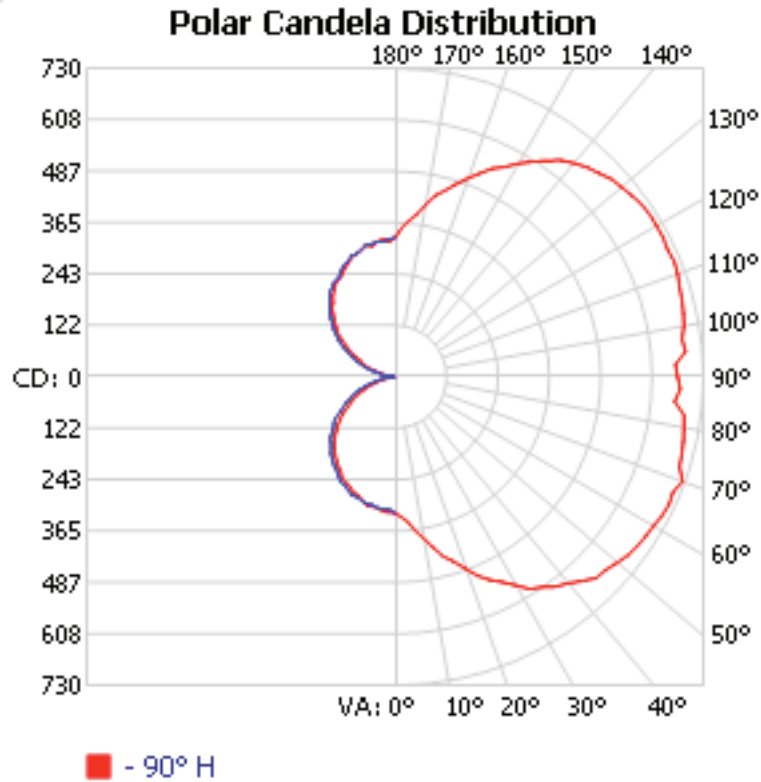
All dimensions are inches. Specifications subject to change without notice.



PHOTOMETRIC REFERENCE

Lamping: 2 Lamp 32W T8

Efficiency: 64%



LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	31.3	0.8%	90-100	225.9	6.1%
10-20	97.0	2.6%	100-110	257.8	7%
20-30	164.0	4.4%	110-120	283.7	7.7%
30-40	222.5	6.0%	120-130	289.5	7.8%
40-50	266.4	7.2%	130-140	269.5	7.3%
50-60	289.7	7.8%	140-150	225.9	6.1%
60-70	287.7	7.8%	150-160	165.8	4.5%
70-80	264.9	7.2%	160-170	99.6	2.7%
80-90	231.1	6.2%	170-180	32.3	0.9%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	292.3	5%	7.9%
0-40	514.8	8.9%	13.9%
0-60	1,070.9	18.5%	28.9%
60-90	783.7	13.5%	21.2%
0-90	1,854.6	32%	50.1%
90-180	1,850.1	31.9%	49.9%
0-180	3,704.7	63.9%	100%

EFFICIENCY TOTAL: 63.9%

555 Series

Ceiling/Wall Mount Luminaire

AVERAGE LUMINANCE (CD/M2)

	90	112.5	135	157.5	180	202.5	225	247.5	270
0	4912	4912	4912	4912	4912	4912	4912	4912	4912
45	14519	13484	11154	7421	4660	4466	4466	4466	4379
55	18591	17554	13990	8830	4654	4362	4229	4122	3989
65	25809	23968	18662	11009	4187	4007	3898	3574	3429
75	41435	38429	29470	15737	3772	3360	3006	2476	2476
85	116221	107819	79989	38682	2625	1575	0	0	0

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

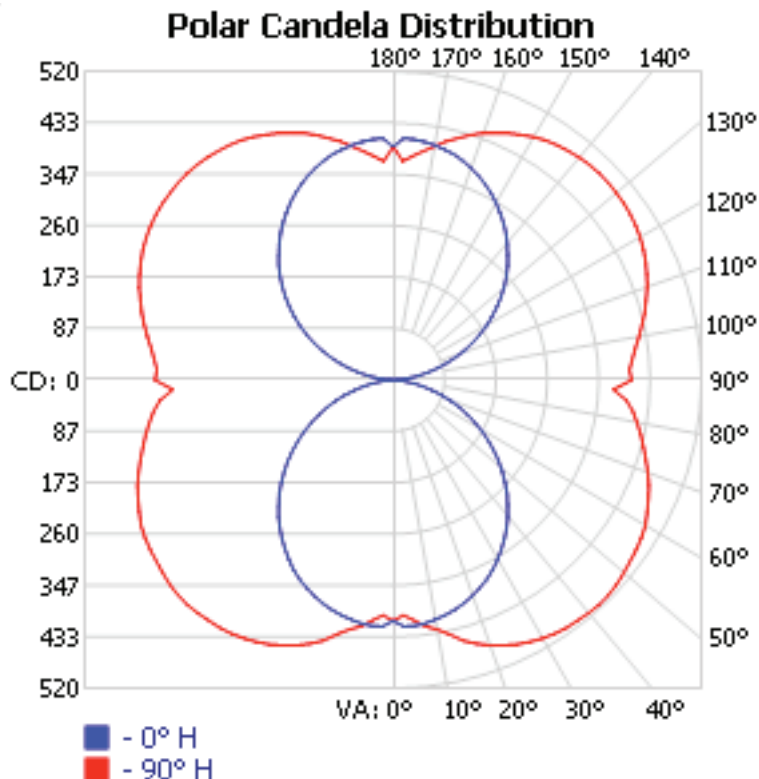
EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	.68	.68	.68	.68	.63	.63	.63	.32	.53	.53	.53	.44	.44	.44	.36	.36	.36	.32
1	.61	.57	.54	.51	.55	.52	.50	.23	.44	.42	.40	.36	.34	.33	.29	.27	.26	.23
2	.54	.49	.44	.40	.50	.45	.40	.18	.37	.34	.31	.30	.28	.26	.24	.22	.21	.18
3	.49	.42	.37	.32	.45	.39	.34	.15	.32	.28	.25	.26	.23	.21	.21	.19	.17	.14
4	.45	.37	.31	.27	.41	.34	.29	.12	.28	.24	.21	.23	.20	.17	.18	.16	.14	.11
5	.41	.32	.27	.22	.37	.30	.25	.10	.25	.21	.18	.20	.17	.15	.16	.14	.12	.10
6	.37	.29	.23	.19	.34	.27	.22	.09	.22	.18	.15	.18	.15	.13	.14	.12	.10	.08
7	.34	.26	.20	.17	.31	.24	.19	.08	.20	.16	.13	.16	.13	.11	.13	.11	.09	.07
8	.32	.23	.18	.14	.29	.22	.17	.07	.18	.14	.12	.15	.12	.10	.12	.09	.08	.06
9	.30	.21	.16	.13	.27	.20	.15	.06	.17	.13	.10	.14	.11	.09	.11	.09	.07	.05
10	.28	.19	.15	.11	.25	.18	.14	.05	.15	.12	.09	.13	.10	.08	.10	.08	.06	.05

PHOTOMETRIC REFERENCE

Lamping: 2 Lamp 28W T5

Efficiency: 86%



555 Series

Ceiling/Wall Mount Luminaire

LUMENS PER ZONE					
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	39.7	0.9%	90-100	279.7	6.2%
10-20	123.3	2.7%	100-110	317.7	7.1%
20-30	206.4	4.6%	110-120	346.0	7.7%
30-40	277.0	6.2%	120-130	348.1	7.8%
40-50	326.1	7.3%	130-140	322.2	7.2%
50-60	348.3	7.8%	140-150	271.0	6%
60-70	342.4	7.6%	150-160	200.7	4.5%
70-80	311.5	6.9%	160-170	119.9	2.7%
80-90	269.4	6.0%	170-180	38.7	0.9%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	369.4	7.1%	8.2%
0-40	646.5	12.4%	14.4%
0-60	1,320.9	25.4%	29.4%
60-90	923.3	17.8%	20.6%
0-90	2,244.2	43.2%	50%
90-180	2,243.9	43.2%	50%
0-180	4,488.1	86.3%	100%
EFFICIENCY TOTAL: 86.3%			

AVERAGE LUMINANCE (CD/M2)					
	0	22.5	45	67.5	90
0	3185	3185	3185	3185	3185
45	2864	3105	3369	3487	3557
55	2630	3042	3411	3591	3683
65	2298	2961	3459	3741	3856
75	1743	2880	3593	3932	4089
85	614	2943	3912	4340	4525

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	.92	.92	.92	.92	.85	.85	.85	.43	.72	.72	.72	.60	.60	.60	.48	.48	.48	.43
1	.82	.77	.73	.69	.75	.71	.67	.32	.59	.56	.54	.49	.47	.45	.39	.37	.36	.31
2	.74	.66	.60	.54	.67	.61	.55	.25	.51	.46	.43	.41	.38	.35	.33	.30	.28	.24
3	.66	.57	.50	.44	.61	.52	.46	.20	.44	.39	.35	.36	.32	.29	.28	.25	.23	.19
4	.60	.50	.42	.36	.55	.46	.39	.17	.38	.33	.29	.31	.27	.24	.25	.22	.19	.16
5	.55	.44	.36	.31	.50	.41	.34	.14	.34	.28	.24	.28	.24	.20	.22	.19	.16	.13
6	.51	.39	.32	.26	.46	.36	.29	.12	.30	.25	.21	.25	.21	.17	.20	.16	.14	.11
7	.47	.35	.28	.23	.43	.33	.26	.11	.27	.22	.18	.22	.18	.15	.18	.15	.12	.10
8	.43	.32	.25	.20	.39	.29	.23	.09	.25	.20	.16	.20	.16	.13	.16	.13	.11	.09
9	.40	.29	.22	.17	.37	.27	.21	.08	.23	.18	.14	.19	.15	.12	.15	.12	.09	.08
10	.37	.26	.20	.16	.34	.24	.19	.08	.21	.16	.12	.17	.13	.10	.14	.11	.09	.07
