



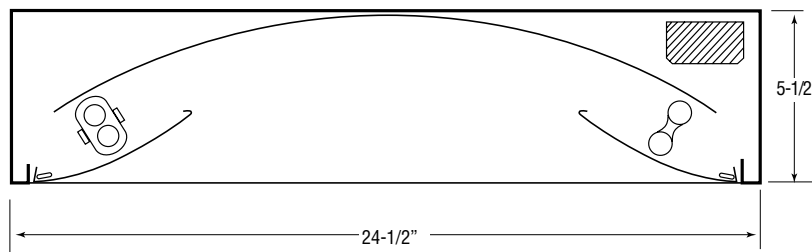
Zenith M Series

ZAM / 2X2 Twin Side Light Shield / Surface Mount

Type: _____

Job Information: _____

Two Lamp Twin Tube Compact TTS



SPECIFICATIONS:

- Surface mounted 2X2 fluorescent luminaire featuring a computer designed precision optical system that provides indirect/direct illumination. An optically correct reflector enables precise indirect light distribution, while twin side located perforated light shield provides the soft direct illumination.
- The system delivers uniform illumination with high visual comfort and superior brightness control. Broad angle illumination lights walls and vertical surfaces creating a more open and comfortable space.
- Luminaire is 5-1/2" deep.
- Housing is die formed from 20GA cold rolled steel and fabricated in a computer-controlled operation. Spot-welded together for strength and unity with mitered corners.
- The indirect reflector, CAD designed to the optimum contour, is a one-piece system.
- Each light shield is die formed and fabricated from heavy gauge perforated steel and integrated with an internal white Mylar panel. Light shield is capable of swinging down for lamp access.
- A custom formulated non-glare white powder coating is applied to the reflector, light shield, and the housing after fabrication. Provides a reflectivity of at least 90%.
- Lamping options: Two-twin tube compact fluorescents, 40W-TT5, 50W-TT5, or 55W-TT5. Two linear fluorescents, 14W-T5, 24W-HO-T5, or 17W-T8.
- Ballasts are full electronic type, high power factor, THD of less than 20%. Special ballast performances are available as specified. Three lamp linear units available with 2-ballasts for dual switching option. Dimming ballasts, emergency battery packs as specified. Standard voltages are 120V-60HZ and 277V-60HZ or as specified. Multi-volt 120V-277V/50-60HZ is optional
- Knockouts are located on the top of the housing. Optional side knockouts for surface conduit entry as specified. Factory installed lamps as specified.
- Designed for surface mounting directly to most ceiling types. May be suspended by auxiliary hanging hardware.
- UL listed 1598 with CUL approval and bears the label. Union made and labeled.

Ordering Data

EX: ZA - 22M - 240 - BIAX - ELB - 120V -

Series Module Size No. of Lamps/Wattage Ea. Lamp Lamp Type Ballast Type Voltage Misc.

Series	Module Size	No. of Lamps/Wattage Ea. Lamp	Lamp Type	Ballast Type	Voltage	Misc.
ZA Zenith M Twin Sides	-22M 2 X 2 Surface Module	-240 2-40W-TT5 -250 2-50W-TT5 -255 2-55W-TT5 -214 2-14W-T5 -224 2-24W-HO-T5 - As Specified	-BIAX Twin Tube Compact TT5 -T5 Linear T5 -HO-T5 Linear High Output T5 -OCT Linear T8	-ELB Electronic TT5, T5, T8 - As Specified	-120V 120 Volt -277V 277 Volt -UNI Multi-Volt 120V-277V 50HZ-60HZ - Other Voltages	-EMPK Emergency Pack I-24, B-100 -EMPKS Emergency Pack As Specified -LP _ _ _ Factory Lamps Installed Specify Color, ie: LP835 - As Specified

Photometrics

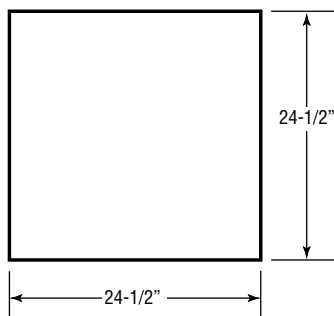
ZB-22M-240-BIAX-ELB-120V

LTL # 05578													ZONAL CAVITY COEFFICIENTS OF UTILIZATION EFFECTIVE FLOOR CAVITY REFLECTANCE=0.20													CANDLEPOWER DISTRIBUTION														
CEILING				80				70				50				30				10				0																
WALL				.70				.50				.30				.10				0																				
RCR				.70				.50				.30				.10				0																				
0	.72	.72	.72	.72	.71	.71	.71	.71	.67	.67	.67	.65	.65	.65	.62	.62	.62	.61																						
2	.61	.56	.52	.48	.59	.55	.51	.48	.52	.49	.47	.51	.48	.46	.49	.47	.45	.43																						
3	.55	.49	.44	.42	.54	.48	.44	.40	.46	.43	.40	.45	.42	.39	.43	.41	.38	.37																						
4	.51	.44	.38	.34	.49	.43	.38	.34	.40	.37	.34	.40	.36	.33	.39	.35	.35	.35																						
5	.46	.38	.33	.29	.45	.38	.33	.29	.36	.32	.28	.35	.31	.28	.34	.31	.28	.27																						
6	.42	.34	.29	.25	.41	.34	.29	.25	.33	.28	.25	.32	.27	.24	.31	.27	.24	.23																						
7	.39	.31	.25	.22	.38	.30	.25	.21	.29	.25	.21	.28	.24	.21	.28	.24	.21	.20																						
9	.33	.25	.19	.16	.32	.24	.19	.16	.23	.19	.16	.23	.19	.16	.22	.18	.16	.14																						
10	.31	.22	.17	.14	.30	.22	.17	.14	.21	.17	.14	.21	.17	.14	.20	.16	.14	.13																						
ZONAL LUMEN SUMMARY													TOTAL LUMINAIRE EFFICIENCY: 60.7%																											
LUMENS %LAMP %FIXT													TOTAL REFLECTANCE OF PAINT: 90.0%																											
0-30 986 15.6 25.8													CIE TYPE: DIRECT																											
0-40 1630 25.9 42.6													PLANE: 0-DEG 90-DEG																											
0-60 2966 47.1 77.6													SPACING CRITERIA: 1.2 1.4																											
0-90 3823 60.7 100.0													LUMINOUS LENGTH: 23.000 22.375																											
90-180 0 0.0 0.0																																								
0-180 3823 60.7 100.0																																								



Full Report Available Upon Request.
All dimensional data subject to change, consult factory when critical.

Back Plan



Back Plan Per Job Specs,
Available On Request.

