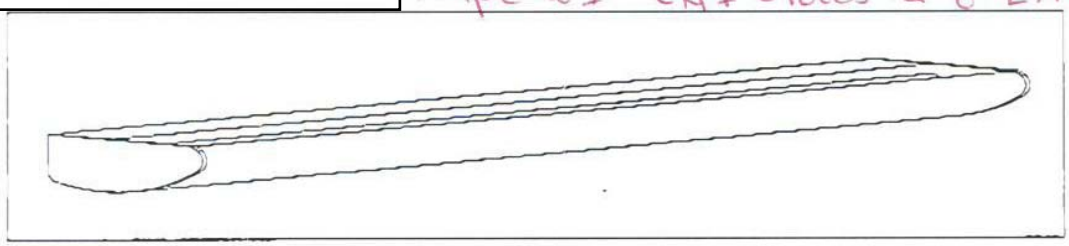
ROUNDED INDIRECT WALL MOUNT

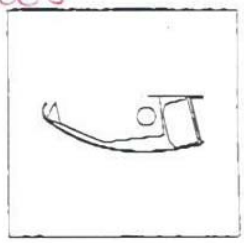
9 x 3 Rounded Indirect 1-Lamp T8 Wall Mount

Catalog Number: EN1-010005

TYPE - W1
EN1-010005-Q-8'-277-F005

Type W1 EN1 010005 Q 8' 277 F005





Photometrics/Specs

Construction
Housing one-piece AA 6063 T6 extruded aluminum up to 24' in one uninterrupted section forming a 9" x 3" rounded channel. Die-cast end plate mechanically attached with no exposed fasteners.

Reflectors
Die-formed reflectors combine hammertone specular aluminum (as required) and baked white enamel (nominal reflectance 86%). Optical system includes micro-prismatic, 100% virgin acrylic specular/diffusing optical lens.

Electrical
Specify 120 volt or 277 volt. Pre-wired with prescribed circuits as specified. UL and IBEW labels. For special circuiting, consult factory.

Factory Modifications
Factory options by specification. Length (to 24' in one piece - longer with internal joiners), any finish (high-polished or satin-etched anodized; colors painted as selected), or any configuration (with cast aluminum connectors; consult factory for available finishes).

Performance Specifications
Efficiency of luminaire shall be at least 61% of bare lamp lumens. Location of maximum intensity across the luminaire shall be between 120° and 130°. The ratio of maximum intensity to zenith intensity across the luminaire shall be at least 1.8 to 1. The percentage of luminaire lumens from 90° to 120°, 90° to 130° and 90° to 150° shall be at least 29%, 48% and 79% respectively.

T8 Photometric Report

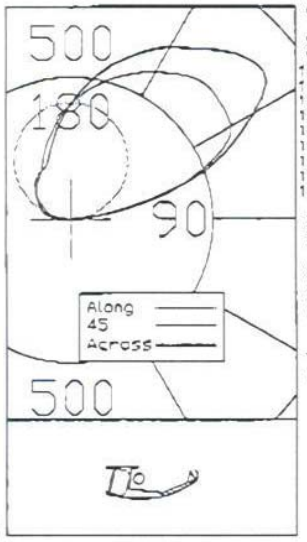
PEERLESS FAR-FIELD PHOTOMETRY

DATE: 3-10-1994

REPORT NUMBER: 1170

CATALOG NUMBER: EN1-010005-T8
LUMINAIRE: 9"W X 3"H ROUNDED WALL MOUNTED UPLIGHT WITH WHITE PAINTED REFLECTOR AND PARTIAL PRISMATIC LENS
LAMP(S): F032/31K RATED @ 2900 LUMENS
BALLAST: MAGNETEK UNIVERSAL 748-L-SLM-TC-P
LUMEN TO CANDELA RATIO USED AT 29.25 FEET FROM LUMINAIRE: 9.15
TOTAL INPUT WATTS = 37.8 AT 120.0 VOLTS
THE 0 DEGREE PLANE IS PERPENDICULAR TO THE LAMPS.

FAR FIELD TEST DISTANCE IS 29.25 FEET



CANDELA DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0	FLUX
90	1	2	1	7	10	
95	48	60	18	45	52	55
105	333	359	87	84	101	202
115	632	596	160	111	124	308
125	842	665	227	148	149	345
135	824	672	283	171	180	313
145	733	628	330	190	196	253
155	655	568	388	234	208	185
165	563	507	395	298	266	114
175	456	441	405	369	356	39
180	406	406	406	406	406	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0- 90	0	0.0	0.0
90-120	564	19.4	31.0
90-130	908	31.3	50.0
90-150	1475	50.8	81.1
90-180	1817	62.7	100.0
0-180	1817	62.7	100.0

TOTAL LUMINAIRE EFFICIENCY = 62.7 %
CIE TYPE - INDIRECT

APPROVED BY

TESTED IN ACCORDANCE WITH IES PROCEDURES. TEST DISTANCE EXCEEDS 25.0 FEET

Coefficients of Utilization

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

pcc	.80				.70				.50			.30			.10			.00
pw	.70	.50	.30	.10	.70	.50	.30	.10	.50	.30	.10	.50	.30	.10	.50	.30	.10	.00
RCR																		
0	.60	.60	.60	.60	.51	.51	.51	.51	.35	.35	.35	.20	.20	.20	.07	.07	.07	.00
1	.54	.52	.49	.47	.46	.44	.42	.41	.30	.29	.28	.17	.17	.16	.05	.05	.05	.00
2	.49	.45	.42	.39	.42	.39	.36	.33	.26	.25	.23	.15	.14	.14	.05	.05	.04	.00
3	.45	.39	.35	.32	.38	.34	.30	.28	.23	.21	.19	.13	.12	.11	.04	.04	.04	.00
4	.41	.35	.30	.27	.35	.30	.26	.23	.21	.18	.16	.12	.11	.10	.04	.03	.03	.00
5	.37	.31	.26	.23	.32	.26	.23	.20	.18	.16	.14	.11	.09	.08	.03	.03	.03	.00
6	.34	.27	.23	.19	.29	.24	.20	.17	.16	.14	.12	.09	.08	.07	.03	.03	.02	.00
7	.32	.25	.20	.17	.27	.21	.17	.15	.15	.12	.10	.08	.07	.06	.03	.02	.02	.00
8	.29	.22	.18	.15	.25	.19	.15	.13	.13	.11	.09	.06	.06	.05	.02	.02	.02	.00
9	.27	.20	.16	.13	.23	.17	.14	.11	.12	.10	.08	.07	.06	.05	.02	.02	.02	.00
10	.25	.18	.14	.11	.21	.16	.12	.10	.11	.09	.07	.06	.05	.04	.02	.02	.01	.00

CALCULATIONS ARE PERFORMED ACCORDING TO PUBLISHED IES PROCEDURES
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NEAR-FIELD PHOTOMETRY AVAILABLE UPON REQUEST

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