Envision

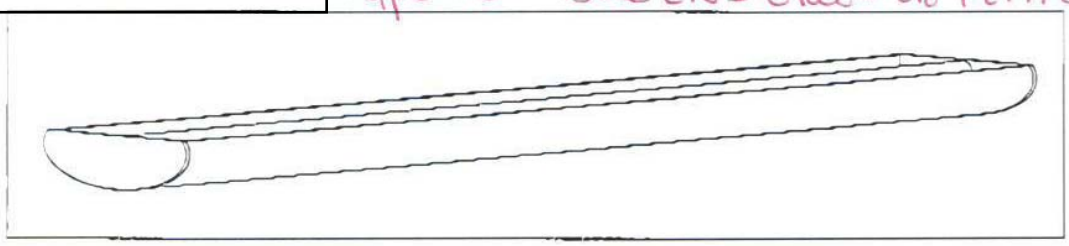
8 x 3 ROUNDED INDIRECT

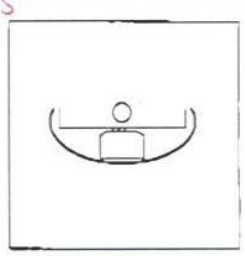
8 x 3 Rounded Indirect 1-Lamp T8

Catalog Number: EN1-010002

TYPE W
EN1-010002-018-4'-277F005

Type W Desc EN1 010002-018-4'277F005





Photometrics/Specs

Construction
Housing one-piece AA 6063 T6 extruded aluminum up to 24' in one uninterrupted section forming a 8" x 3" rounded channel. Die-cast end plate mechanically attached with no exposed fasteners.

Reflectors
Die-formed reflectors combine hammertone specular aluminum and baked white enamel (nominal reflectance 86%).

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).

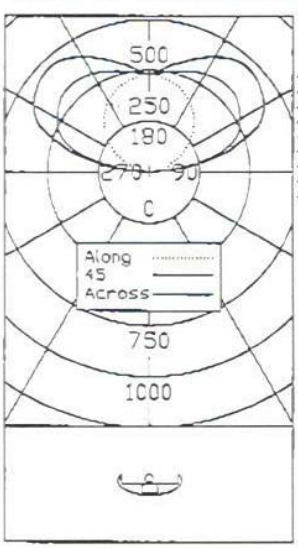
Performance Specifications
Efficiency of luminaire shall be at least 86% of bare lamp lumens. Location of maximum intensity across the luminaire shall be between 130° and 140°. The percentage of luminaire lumens from 90° to 120°, 90° to 130° and 90° to 150° shall be at least 32%, 50% and 81% respectively.

T8 Photometric Report

PEERLESS FAR-FIELD PHOTOMETRY
REPORT NUMBER: 1241 DATE: 2-16-1995

CATALOG NUMBER: EN1-010002-T8
LUMINAIRE: 7 3/4"W X 3"H EXTRUDED ALUMINUM UP LIGHT WITH WHITE PAINTED AND HAMMERTONE REFLECTOR
LAMP(S): F032/31K RATED @ 2900 LUMENS
BALLAST: ADVANCE R1P32-TP
LUMEN TO CANDELA RATIO USED AT 29.25 FEET FROM LUMINAIRE: 9.15
TOTAL INPUT WATTS = 38.7 AT 120.0 VOLTS
THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.

FAR FIELD TEST DISTANCE IS 29.25 FEET



CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	FLUX
90	1	1	2	2	2	
95	14	97	110	113	113	106
105	78	252	367	404	416	330
115	157	324	492	583	613	441
125	238	352	545	646	681	455
135	311	427	574	674	707	422
145	374	456	567	650	682	345
155	421	471	543	599	618	247
165	455	478	512	543	550	144
175	474	479	486	492	495	47
180	482	482	482	482	482	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0- 90	0	0.0	0.0
90-120	876	30.2	34.5
90-130	1331	45.9	52.4
90-150	2095	72.3	82.5
90-180	2540	87.5	100.0
0-180	2540	87.5	100.0

TOTAL LUMINAIRE EFFICIENCY = 87.6 %
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	.83	.83	.83	.83	.71	.71	.71	.71	.49	.49	.49	.28	.28	.28	.09	.09	.09	.00
1	.76	.72	.69	.66	.65	.62	.59	.57	.42	.41	.39	.24	.24	.23	.08	.08	.07	.00
2	.69	.63	.58	.54	.59	.54	.50	.47	.37	.35	.32	.21	.20	.19	.07	.07	.06	.00
3	.63	.55	.49	.45	.53	.47	.43	.39	.32	.30	.27	.19	.17	.16	.06	.06	.05	.00
4	.57	.49	.42	.36	.48	.42	.37	.33	.29	.25	.23	.17	.15	.14	.05	.05	.04	.00
5	.52	.43	.37	.32	.44	.37	.32	.28	.25	.22	.20	.15	.13	.12	.05	.04	.04	.00
6	.48	.38	.32	.27	.41	.33	.28	.24	.23	.19	.17	.13	.11	.10	.04	.04	.03	.00
7	.44	.34	.28	.23	.37	.29	.24	.20	.20	.17	.15	.12	.10	.09	.04	.03	.03	.00
8	.41	.31	.25	.20	.35	.27	.21	.18	.18	.15	.13	.11	.09	.08	.03	.03	.02	.00
9	.38	.28	.22	.18	.32	.24	.19	.16	.17	.13	.11	.10	.08	.07	.03	.03	.02	.00
10	.35	.25	.20	.16	.30	.22	.17	.14	.15	.12	.10	.09	.07	.06	.03	.02	.02	.00

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

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