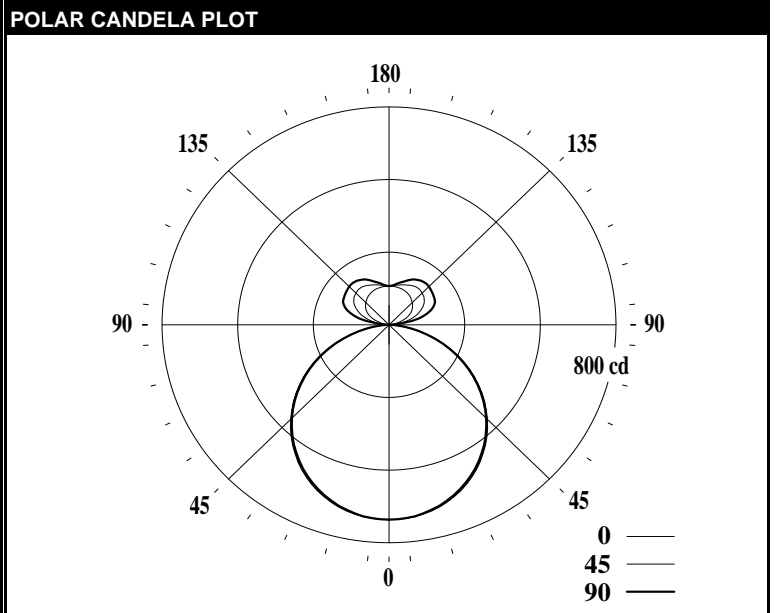


LEDALITE - FLOATPLANE

TEST DATE:	10 Jan 2019	CATALOG NO:	24x5L827EAG
Lamp Type:	LED	Description:	FLOATPLANE SUSPENDED 75% DN STD TW 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2804 lm 100.0%
Input Watts:	120 VAC 29.1	Up/Dn Ratio, Efficacy (lm/W):	26% Up / 74% Dn 96.4
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	FP32 FP32Color S84845T2

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	715	715	715	715	715	
5	713	712	712	712	712	68
15	692	687	691	690	687	195
25	646	641	645	643	639	296
35	577	573	576	573	571	359
45	491	488	489	485	484	376
55	386	385	383	381	380	342
65	269	267	266	264	263	263
75	142	142	141	140	139	149
85	32	33	35	35	35	41
90	0	2	3	4	4	
95	9	13	20	19	18	22
105	35	41	76	111	126	81
115	74	85	122	161	176	121
125	99	116	152	181	190	132
135	116	133	166	188	199	124
145	128	140	169	189	198	104
155	136	144	160	176	183	74
165	140	143	152	158	161	43
175	142	142	143	145	145	14
180	142	142	142	142		



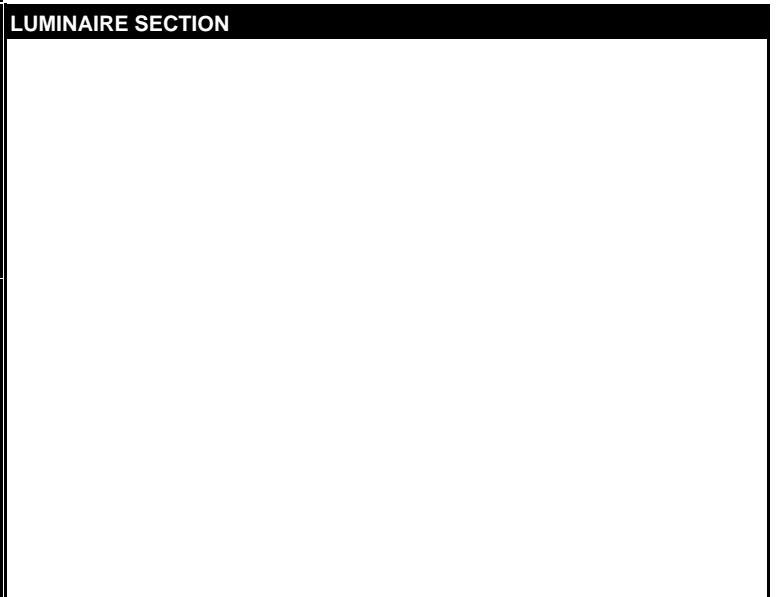
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	715.2	0.0	
Direct: Peak Candela & Angle (90deg)	715.2	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.28	1.26	N/A
Indirect: Peak Candela & Angle	199.9	137.5	
Indirect: Zenith Candela, Peak to Zenith	142.2	1.41	
Luminous Length, Width, Height (ft)	3.8906	0.5625	0.0000
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	1.069	
DesignLights Consortium	N/A		
x, y, CCT, Duv	0.4551	0.4066	2736 -0.0011
CRI (Ra), R9	83		9
120V: P(W), I(A), THD(%), PF	29.1	0.244	10.8 0.992
277V: P(W), I(A), THD(%), PF	28.9	0.112	16.8 0.930
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A N/A

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	113	113	113	113	107	107	107	97	97	97	74	
	1	103	98	94	90	98	94	90	85	82	79	62	
	2	94	86	79	73	89	82	76	74	69	65	52	
	3	85	75	67	61	81	72	64	65	59	54	43	
	4	78	66	58	51	74	63	56	58	51	46	37	
	5	71	59	50	44	68	56	49	51	45	40	32	
	6	66	53	44	38	62	51	43	46	40	35	28	
	7	61	48	39	34	58	46	38	42	35	31	24	
	8	57	44	35	30	54	42	34	38	32	27	22	
	9	53	40	32	27	50	38	31	35	29	24	20	
	10	49	37	29	24	47	35	28	32	26	22	18	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	559	19.9%	19.9%
0-40	918	32.7%	32.7%
0-60	1636	58.3%	58.3%
0-90	2088	74.5%	74.5%
90-130	357	12.7%	12.7%
90-150	584	20.8%	20.8%
90-180	715	25.5%	25.5%
0-180	2804	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3516	3516	3516
5	3519	3514	3514
15	3521	3515	3499
25	3503	3497	3468
35	3465	3458	3426
45	3412	3397	3367
55	3308	3280	3253
65	3134	3097	3059
75	2701	2681	2640
85	1809	1990	1990



LEDALITE

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