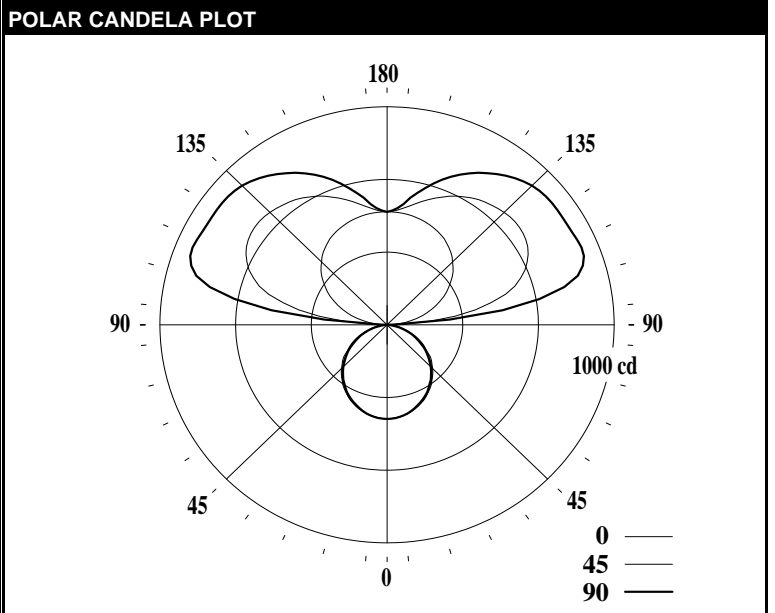


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LBCAA04
Lamp Type:	LED	Description:	FLOATPLANE STD 4500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4610 lm 100.0%
Input Watts:	277 VAC 31.5	Up/Dn Ratio, Efficacy (lm/W):	74% Up / 26% Dn 146.3
CIE-IES Classification:	Semi-Indirect	Report:	LNG00008

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	432	432	432	432	432	
5	428	430	429	429	429	41
15	410	414	412	413	409	116
25	381	385	380	381	375	175
35	338	341	332	334	328	210
45	284	287	277	277	273	216
55	218	223	212	213	208	193
65	151	155	144	145	139	145
75	81	84	74	76	71	82
85	21	25	16	15	12	21
90	0	0	0	0	0	
95	52	92	190	170	278	178
105	161	247	540	730	870	524
115	258	401	681	858	924	625
125	342	491	732	865	917	608
135	408	533	729	857	903	536
145	457	549	701	810	844	425
155	489	546	651	738	760	296
165	508	535	585	639	649	167
175	518	522	528	543	538	51
180	518	518	518	518	518	



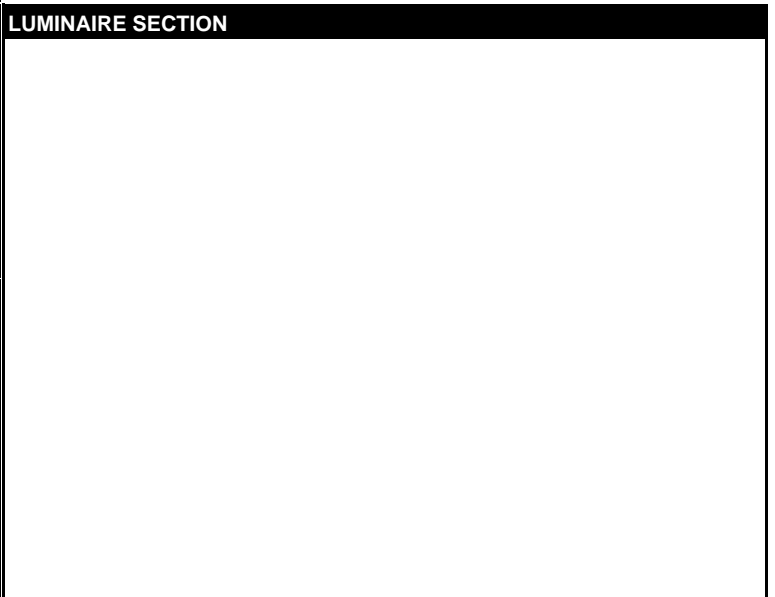
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	431.6	0.0	
Direct: Peak Candela & Angle (90deg)	431.6	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	927.0	112.5	
Indirect: Zenith Candela, Peak to Zenith	518.2	1.79	
Luminous Length, Width, Height (ft)	3.89	0.56 0.00	
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	1.000	
DLC (120/277), DLC (347)	Premium	Premium	
x, y, CCT, Duv	0.4036	0.3898	3529 0.0000
CRI (Ra), R9	82		9
120V: P(W), I(A), THD(%), PF	31.4	0.262	7.9 0.998
277V: P(W), I(A), THD(%), PF	31.5	0.117	10.0 0.973
347V: P(W), I(A), THD(%), PF	31.0	0.092	7.4 0.972

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR													
0	101	101	101	101	90	90	90	70	70	70	26		
1	92	88	84	81	82	79	76	61	59	57	22		
2	84	77	71	66	75	69	64	53	50	47	18		
3	77	67	60	55	68	60	54	47	43	39	15		
4	70	60	52	46	62	53	47	42	37	33	13		
5	64	53	45	39	57	47	41	37	32	29	11		
6	59	47	39	34	52	42	36	33	28	25	10		
7	54	42	35	29	48	38	32	30	25	22	9		
8	50	38	31	26	45	35	28	27	22	19	8		
9	47	35	28	23	41	31	25	25	20	17	7		
10	43	32	25	20	39	29	23	23	18	15	6		

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	333	7.2%	7.2%
0-40	542	11.8%	11.8%
0-60	951	20.6%	20.6%
0-90	1200	26.0%	26.0%
90-130	1934	42.0%	42.0%
90-150	2896	62.8%	62.8%
90-180	3410	74.0%	74.0%
0-180	4610	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2132	2132	2132
5	2124	2125	2128
15	2099	2106	2093
25	2079	2070	2045
35	2040	2004	1978
45	1984	1936	1904
55	1876	1828	1791
65	1767	1681	1626
75	1553	1416	1359
85	1167	878	669



LEDALITE

Ledalite
 19750 - 92A Avenue
 Langley, BC
 CANADA V1M 3B2
 Phone: 604-888-6811
 Fax: 800-665-5332
 604-888-2003