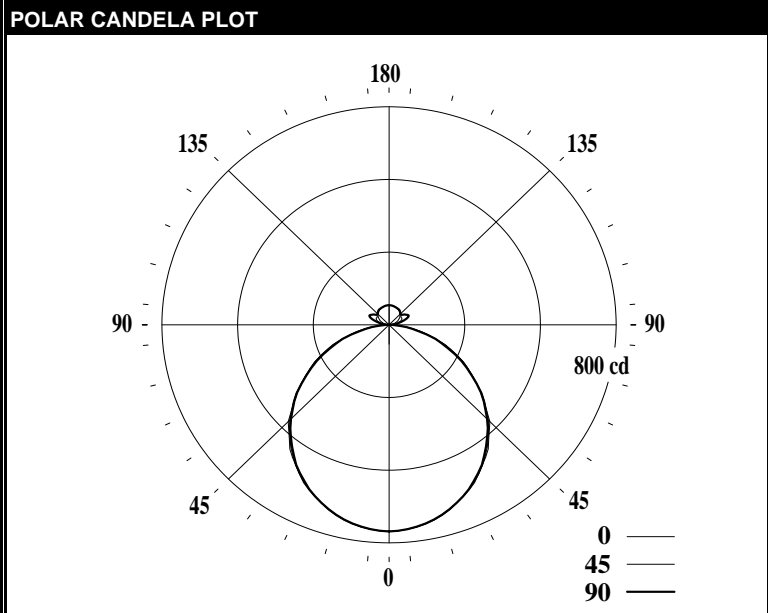


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LAEAH04
Lamp Type:	LED	Description:	FLOATPLANE 90%DN 3200LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2428 lm 100.0%
Input Watts:	277 VAC 22.3	Up/Dn Ratio, Efficacy (lm/W):	12% Up / 88% Dn 108.9
CIE-IES Classification:	Semi-Direct	Report:	LNG00064

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	758	758	758	758	758	
5	753	754	753	754	752	72
15	723	728	721	724	721	204
25	668	676	666	670	665	308
35	593	595	589	594	585	370
45	502	505	495	495	489	383
55	379	397	378	387	377	344
65	265	277	263	269	257	264
75	145	150	141	149	138	154
85	39	43	36	39	34	44
90	0	0	0	0	0	
95	7	7	11	10	11	11
105	19	20	34	43	46	34
115	33	37	50	70	77	51
125	46	47	51	61	66	48
135	54	55	59	56	56	44
145	62	62	63	64	65	39
155	67	67	67	67	67	31
165	70	70	70	70	70	20
175	72	72	72	72	72	7
180	72	72	72	72	72	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	758.3	0.0	
Direct: Peak Candela & Angle (90deg)	758.3	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	76.8	117.5	
Indirect: Zenith Candela, Peak to Zenith	72.1	1.07	
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)	Standard	Standard	
x, y, CCT, Duv	0.3772	0.3749	4077 0.0001
CRI (Ra), R9	82	10	
120V: P(W), I(A), THD(%), PF	22.3	0.186	11.6 0.997
277V: P(W), I(A), THD(%), PF	22.3	0.086	12.7 0.938
347V: P(W), I(A), THD(%), PF	22.3	0.068	9.6 0.952

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	116	116	116	116	112	112	112	105	105	105	88	
	1	106	101	97	93	102	98	94	91	88	86	74	
	2	96	88	81	76	93	85	79	80	75	70	61	
	3	88	77	69	63	84	75	67	70	64	59	51	
	4	80	68	60	53	77	66	58	62	56	50	44	
	5	74	61	52	46	71	59	51	56	49	43	38	
	6	68	55	46	40	65	53	45	50	43	38	33	
	7	63	50	41	35	61	48	40	46	39	33	29	
	8	59	45	37	31	56	44	36	42	35	30	26	
	9	55	42	33	28	53	40	33	38	32	27	23	
	10	51	38	30	25	49	37	30	36	29	24	21	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	584	24.1%	24.1%
0-40	955	39.3%	39.3%
0-60	1681	69.2%	69.2%
0-90	2143	88.3%	88.3%
90-130	144	5.9%	5.9%
90-150	227	9.4%	9.4%
90-180	285	11.7%	11.7%
0-180	2428	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3746	3746	3746
5	3731	3733	3731
15	3699	3684	3687
25	3638	3631	3626
35	3577	3554	3526
45	3509	3455	3414
55	3262	3254	3247
65	3100	3070	3000
75	2765	2697	2624
85	2188	2012	1921

LUMINAIRE SECTION	



LEDALITE

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