

LEDALITE - FLOATPLANE

TEST DATE: 17 Sep 2019		CATALOG NO: 24x5LAEAJ04					
Lamp Type: LED		Description: FLOATPLANE 100%DN 3200LM 840					
No. of Lamps: 176							
Rated Lamp Lumens: -1		Flux (lm), Efficiency (%): 2349 lm 100.0%					
Input Watts: 277 VAC 22.3		Up/Dn Ratio, Efficacy (lm/W): 2% Up / 98% Dn 105.3					
CIE-IES Classification: Direct		Report: LNG00084					
CANDELA DISTRIBUTION							
	0	22.5	45	67.5	90	Lumens	
0	813	813	813	813	813		
5	806	809	807	808	806	77	
15	772	780	773	777	770	219	
25	715	721	714	717	708	330	
35	632	642	631	634	626	397	
45	530	543	526	530	522	410	
55	411	421	408	411	404	368	
65	281	293	278	287	277	282	
75	152	160	152	154	149	165	
85	45	49	39	43	36	49	
90	0	0	0	0	0		
95	4	4	4	4	5	4	
105	6	6	6	6	7	7	
115	8	9	9	9	8	8	
125	9	10	11	10	10	9	
135	10	11	12	12	12	9	
145	11	12	12	13	13	8	
155	12	12	12	13	13	6	
165	12	12	12	13	13	4	
175	13	12	12	12	12	1	
180	13	13	13	13	13		
CHARACTERISTICS				COEFFICIENTS OF UTILIZATION (%)			
RP1 Meets RP-1-12 recommendations for VDT-Normal spaces				Pc-- 80 70 50 0			
Direct: Peak Candela & Angle (0deg) 812.5 0.0				Pw--- 70 50 30 10 70 50 30 50 30 10 0			
Direct: Peak Candela & Angle (90deg) 812.5 0.0				RCR			
Spacing Criteria (0deg, 90deg, 180deg) 1.24 1.23 N/A				0 118 118 118 118 115 115 115 110 110 110 98			
Indirect: Peak Candela & Angle 13.2 150.0				1 108 103 99 95 105 101 97 96 93 90 81			
Indirect: Zenith Candela, Peak to Zenith 12.7 1.04				2 98 90 83 77 95 88 81 84 79 74 68			
Luminous Length, Width, Height (ft) 3.89 0.56 0.00				3 89 79 71 64 87 77 69 74 67 62 57			
UGR (4H x 8H, 0.25H) N/A				4 82 70 61 54 79 68 60 65 58 53 49			
Ballast Factor, Multiplication Factor 1.000 1.000				5 75 62 53 47 73 61 53 59 51 46 42			
DLC (120/277), DLC (347) Standard Standard				6 69 56 47 41 67 55 47 53 45 40 37			
x, y, CCT, Duv 0.3772 0.3749 4077 0.0001				7 64 51 42 36 63 50 42 48 41 35 32			
CRI (Ra), R9 82 10				8 60 46 38 32 58 46 37 44 37 31 29			
120V: P(W), I(A), THD(%), PF 22.3 0.186 11.6 0.997				9 56 43 34 29 54 42 34 41 33 28 26			
277V: P(W), I(A), THD(%), PF 22.3 0.086 12.7 0.938				10 52 39 31 26 51 39 31 37 31 26 23			
347V: P(W), I(A), THD(%), PF 22.3 0.068 9.6 0.952				*Based on a floor reflectance of 0.2			
ZONAL LUMEN SUMMARY				LUMINAIRE SECTION			
Zone	Lumens	%Fixture	%Lamp				
0-30	625	26.6%	26.6%				
0-40	1022	43.5%	43.5%				
0-60	1799	76.6%	76.6%				
0-90	2294	97.7%	97.7%				
90-130	28	1.2%	1.2%				
90-150	45	1.9%	1.9%				
90-180	55	2.3%	2.3%				
0-180	2349	100.0%	100.0%				
AVG LUMINANCE (cd/m²)							
	0	45	90				
0	4013	4013	4013				
5	3994	4001	3995				
15	3947	3955	3939				
25	3896	3891	3860				
35	3810	3805	3777				
45	3699	3674	3644				
55	3542	3510	3475				
65	3282	3246	3236				
75	2908	2903	2849				
85	2562	2182	2046				



LEDALITE

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