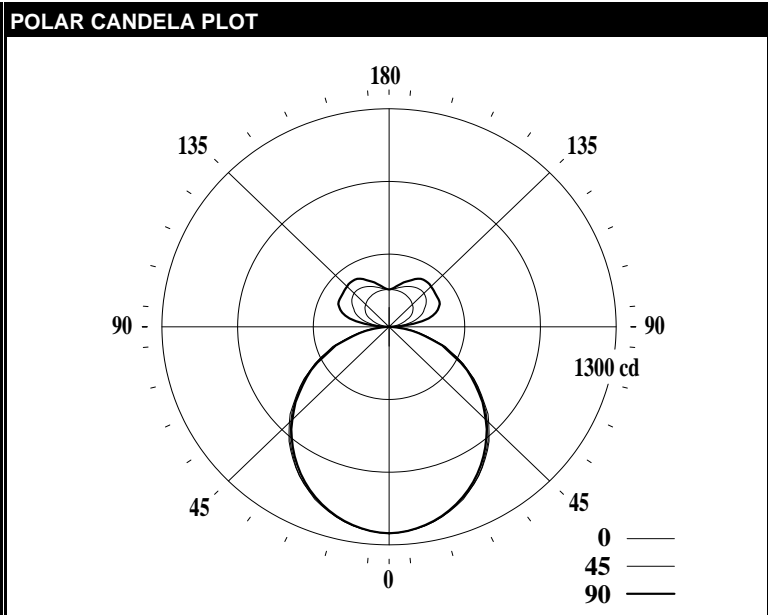


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LCBAG04
Lamp Type:	LED	Description:	FLOATPLANE 75%DN 6000LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4720 lm 100.0%
Input Watts:	120 VAC 42.3	Up/Dn Ratio, Efficacy (lm/W):	27% Up / 73% Dn 111.6
CIE-IES Classification:	Semi-Direct	Report:	LNG00052

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1231	1231	1231	1231	1231	
5	1222	1225	1221	1225	1222	116
15	1172	1180	1172	1176	1168	331
25	1081	1095	1082	1087	1072	500
35	960	974	953	961	942	601
45	807	816	795	807	783	620
55	622	639	618	621	603	557
65	428	441	427	424	406	424
75	229	246	227	233	213	247
85	64	72	59	60	43	71
90	0	0	0	0	0	
95	17	28	57	57	84	56
105	67	76	156	218	259	160
115	127	141	219	288	320	214
125	166	195	260	305	329	225
135	189	220	283	321	340	210
145	204	230	282	325	343	174
155	215	231	265	297	308	122
165	220	227	244	262	265	70
175	223	224	225	229	230	22
180	222	222	222	222	222	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1230.9		0.0
Direct: Peak Candela & Angle (90deg)	1230.9		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	344.7		140.0
Indirect: Zenith Candela, Peak to Zenith	222.3		1.55
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	0.4285	0.4003	3117 -0.0003
CRI (Ra), R9			83 9
120V: P(W), I(A), THD(%), PF	42.3	0.355	7.0 0.993
277V: P(W), I(A), THD(%), PF	41.5	0.155	10.7 0.969
347V: P(W), I(A), THD(%), PF	41.4	0.122	7.2 0.977

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	96	96	96	73	
	1	103	98	94	90	97	93	90	84	81	79	61	
	2	93	85	79	73	88	81	75	74	69	65	51	
	3	85	75	67	61	80	71	64	65	59	54	43	
	4	78	66	58	52	74	63	56	57	51	46	37	
	5	71	59	51	44	68	56	49	51	45	40	32	
	6	66	53	45	38	62	51	43	46	40	35	28	
	7	61	48	40	34	58	46	38	42	35	31	24	
	8	57	44	36	30	54	42	34	38	32	27	22	
	9	53	40	32	27	50	38	31	35	29	25	20	
	10	49	37	29	24	47	35	28	33	26	22	18	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	948	20.1%	20.1%
0-40	1548	32.8%	32.8%
0-60	2725	57.7%	57.7%
0-90	3466	73.4%	73.4%
90-130	656	13.9%	13.9%
90-150	1040	22.0%	22.0%
90-180	1253	26.6%	26.6%
0-180	4720	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	6080	6080	6080
5	6059	6056	6058
15	5992	5995	5971
25	5893	5896	5844
35	5787	5746	5680
45	5637	5551	5470
55	5355	5323	5188
65	5003	4986	4741
75	4367	4330	4073
85	3599	3332	2409

LUMINAIRE SECTION	



LEDALITE

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