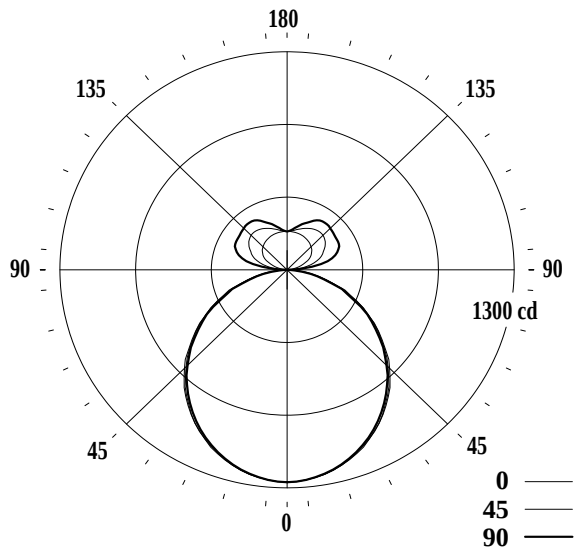
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LBBAG04**
Lamp Type:	LED	**Description:**	FLOATPLANE 75%DN 6000LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4856 lm 100.0%
Input Watts:	120 VAC 42.3	**Up/Dn Ratio, Efficacy (lm/W):**	27% Up / 73% Dn 114.8
CIE-IES Classification:	Semi-Direct	**Report:**	LNG00053

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1267	1267	1267	1267	1267	
5	1257	1260	1257	1260	1257	120
15	1206	1214	1206	1210	1202	341
25	1113	1127	1113	1118	1103	515
35	988	1002	981	989	969	618
45	830	839	818	830	806	638
55	640	658	636	639	620	573
65	441	453	439	436	417	436
75	235	253	234	240	220	254
85	65	74	61	61	44	73
90	0	0	0	0	0	
95	18	29	59	58	87	58
105	69	78	160	225	266	165
115	130	146	225	296	330	221
125	170	200	267	314	339	232
135	194	226	291	331	350	216
145	210	237	290	334	353	179
155	221	238	273	306	317	126
165	227	234	251	270	273	72
175	229	230	232	235	236	22
180	229	229	229	229	229	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1266.5	0.0
Direct: Peak Candela & Angle (90deg)			1266.5	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	N/A
Indirect: Peak Candela & Angle			354.7	140.0
Indirect: Zenith Candela, Peak to Zenith			228.7	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	0.4036	0.3898	3529	0.0000
CRI (Ra), R9			82	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
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	975	20.1%	20.1%
0-40	1593	32.8%	32.8%
0-60	2804	57.7%	57.7%
0-90	3567	73.4%	73.4%
90-130	675	13.9%	13.9%
90-150	1070	22.0%	22.0%
90-180	1290	26.6%	26.6%
0-180	4856	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6256	6256	6256
5	6235	6231	6233
15	6166	6169	6144
25	6063	6066	6014
35	5955	5912	5844
45	5800	5712	5628
55	5510	5477	5338
65	5148	5131	4878
75	4492	4456	4191
85	3706	3429	2477

LUMINAIRE SECTION

LEDALITE

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