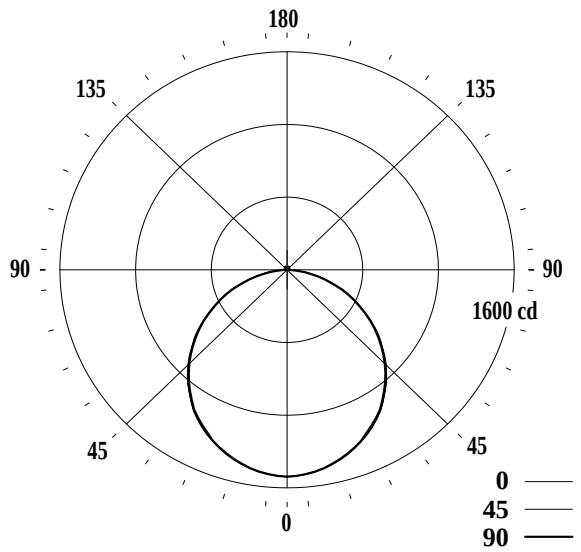
LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	**CATALOG NO:**	**24x5LSBAJ04**
Lamp Type:	LED	**Description:**	FLOATPLANE 100%DN 6000LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4388 lm 100.0%
Input Watts:	120 VAC 51.8	**Up/Dn Ratio, Efficacy (lm/W):**	2% Up / 98% Dn 84.7
CIE-IES Classification:	Direct	**Report:**	LNG00119

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1518	1518	1518	1518	1518	
5	1505	1510	1507	1510	1505	143
15	1442	1457	1445	1451	1439	409
25	1335	1347	1333	1340	1323	616
35	1180	1198	1179	1183	1170	741
45	989	1015	982	989	974	765
55	768	786	761	767	754	687
65	525	547	519	536	517	526
75	285	300	284	287	279	308
85	84	92	72	80	67	91
90	0	0	0	0	0	
95	8	7	8	8	9	8
105	11	11	12	12	12	13
115	14	16	16	16	15	16
125	17	19	20	19	18	17
135	19	21	23	22	21	17
145	21	22	23	24	24	14
155	22	22	23	24	25	11
165	23	22	22	23	23	7
175	24	23	23	22	22	2
180	24	24	24	24	24	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1517.7	0.0
Direct: Peak Candela & Angle (90deg)			1517.7	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.23	N/A
Indirect: Peak Candela & Angle			24.6	150.0
Indirect: Zenith Candela, Peak to Zenith			23.7	1.04
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)			N/A	N/A
x, y, CCT ,Duv	0.4055	0.3863	3460	-0.0020
CRI (Ra), R9			93	65
120V: P(W), I(A), THD(%), PF	51.8	0.433	6.1	0.997
277V: P(W), I(A), THD(%), PF	51.2	0.189	9.3	0.978
347V: P(W), I(A), THD(%), PF	50.0	0.147	6.5	0.982

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	118	118	118	118	115	115	115	110	110	110	98
1	108	103	99	95	105	101	97	96	93	90	81
2	98	90	83	77	95	88	81	84	79	74	68
3	89	79	71	64	87	77	69	74	67	62	57
4	82	70	61	54	79	68	60	65	58	53	49
5	75	62	53	47	73	61	53	59	51	46	42
6	69	56	47	41	67	55	47	53	45	40	37
7	64	51	42	36	63	50	42	48	41	35	32
8	60	46	38	32	58	46	37	44	37	31	29
9	56	43	34	29	54	42	34	41	33	28	26
10	52	39	31	26	51	39	31	37	31	26	23

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1168	26.6%	26.6%
0-40	1909	43.5%	43.5%
0-60	3361	76.6%	76.6%
0-90	4285	97.7%	97.7%
90-130	53	1.2%	1.2%
90-150	84	1.9%	1.9%
90-180	103	2.3%	2.3%
0-180	4388	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7497	7497	7497
5	7460	7473	7463
15	7373	7387	7356
25	7277	7267	7209
35	7118	7109	7054
45	6909	6862	6806
55	6616	6556	6490
65	6130	6064	6045
75	5431	5422	5323
85	4783	4075	3820

LUMINAIRE SECTION

LEDALITE

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