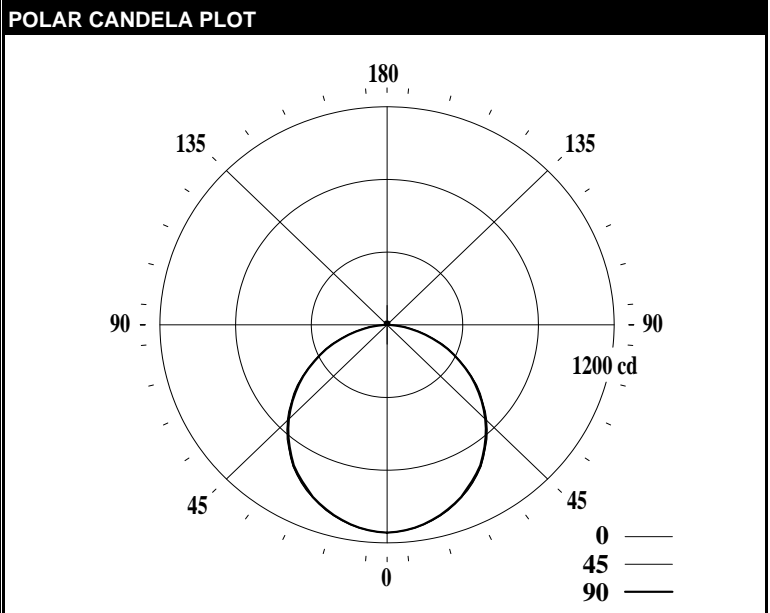


LEDALITE - FLOATPLANE

TEST DATE:	17 Sep 2019	CATALOG NO:	24x5LSCAJ04
Lamp Type:	LED	Description:	FLOATPLANE 100%DN 4500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3307 lm 100.0%
Input Watts:	277 VAC 37.8	Up/Dn Ratio, Efficacy (lm/W):	2% Up / 98% Dn 87.5
CIE-IES Classification:	Direct	Report:	LNG00118

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1144	1144	1144	1144	1144	
5	1134	1138	1136	1138	1134	108
15	1087	1098	1089	1093	1084	308
25	1006	1015	1005	1010	997	464
35	889	903	888	892	882	558
45	745	765	740	745	734	576
55	579	592	574	578	568	518
65	395	412	391	404	390	396
75	215	226	214	216	210	232
85	64	69	54	60	51	68
90	0	0	0	0	0	
95	6	5	6	6	7	6
105	9	9	9	9	9	9
115	11	12	12	12	11	12
125	13	15	15	15	14	13
135	15	16	17	17	16	13
145	16	16	17	18	18	11
155	17	17	17	18	19	8
165	17	17	17	18	18	5
175	18	17	17	17	17	2
180	18	18	18	18	18	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1143.6		0.0
Direct: Peak Candela & Angle (90deg)	1143.6		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.23	N/A
Indirect: Peak Candela & Angle	18.5		150.0
Indirect: Zenith Candela, Peak to Zenith	17.9		1.03
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	37.7 0.314	6.4	0.999
277V: P(W), I(A), THD(%), PF	37.8 0.140	8.3	0.978
347V: P(W), I(A), THD(%), PF	37.0 0.109	6.5	0.979

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	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	880	26.6%	26.6%
0-40	1438	43.5%	43.5%
0-60	2533	76.6%	76.6%
0-90	3229	97.7%	97.7%
90-130	40	1.2%	1.2%
90-150	63	1.9%	1.9%
90-180	78	2.3%	2.3%
0-180	3307	100.0%	100.0%

AVG LUMINANCE (cd/m²)

	0	45	90
0	5649	5649	5649
5	5621	5631	5623
15	5556	5566	5543
25	5483	5476	5432
35	5363	5356	5315
45	5206	5171	5128
55	4985	4940	4891
65	4619	4569	4555
75	4094	4086	4010
85	3604	3072	2879

LUMINAIRE SECTION



LEDALITE

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