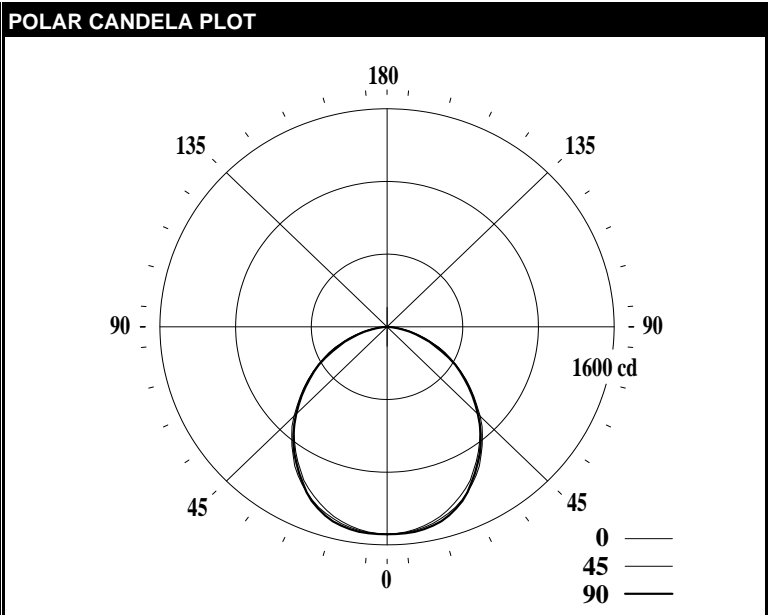


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3324x1STL83540AxDE
Lamp Type:	LED	Description:	SHINE 2X4 4000LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3975 lm 100.0%
Input Watts:	120 VAC 29.5	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 134.7
CIE-IES Classification:	Direct	Report:	LNG00396

	CANDELA DISTRIBUTION						Flux Lumens
	0	22.5	45	67.5	90		
0	1523	1523	1523	1523	1523		
5	1511	1514	1515	1520	1520	144	
15	1441	1453	1458	1482	1477	413	
25	1309	1335	1341	1355	1340	616	
35	1122	1170	1153	1164	1139	722	
45	906	942	927	935	905	715	
55	673	709	682	702	665	616	
65	452	475	450	450	424	447	
75	232	245	219	227	209	243	
85	55	59	43	50	33	60	
90	0	0	0	0	0		
95	0	0	0	0	0	0	
105	0	0	0	0	0	0	
115	0	0	0	0	0	0	
125	0	0	0	0	0	0	
135	0	0	0	0	0	0	
145	0	0	0	0	0	0	
155	0	0	0	0	0	0	
165	0	0	0	0	0	0	
175	0	0	0	0	0	0	
180	0	0	0	0	0		



CHARACTERISTICS			COEFFICIENTS OF UTILIZATION (%)																
RP1		None	Pc---	80				70				50				0			
			Pw---	70	50	30	10	70	50	30	50	30	10	50	30	10			
Direct: Peak Candela & Angle (0deg)	1522.5	0.0	RP1																
Direct: Peak Candela & Angle (90deg)	1522.5	0.0	0	119	119	119	119	116	116	116	111	111	111	100					
Spacing Criteria (0deg, 90deg, 180deg)	1.19	1.21	N/A	1	109	105	100	97	106	102	99	98	95	92	85				
Indirect: Peak Candela & Angle	N/A	N/A		2	100	92	85	79	97	90	84	86	81	77	71				
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A		3	91	81	73	66	89	79	72	76	70	65	60				
Luminous Length, Width, Height (ft)	3.90	1.91	0.00	4	83	72	63	57	81	70	62	68	61	55	52				
UGR (4H x 8H, 0.25H)			18.1	5	77	64	55	49	75	63	55	61	54	48	45				
Ballast Factor, Multiplication Factor	1.000	1.000		6	71	58	49	43	69	57	49	55	48	42	39				
DLC (120/277), DLC (347)	premium	premium		7	66	53	44	38	64	52	44	50	43	38	35				
x, y, CCT, Duv	0.4061	0.3934	3505 0.0010	8	61	48	40	34	60	47	39	46	39	34	31				
CRI (Ra), R9			82 9	9	57	44	36	31	56	44	36	42	35	30	28				
120V: P(W), I(A), THD(%), PF	29.5	0.247	8.6 0.994	10	54	41	33	28	53	40	33	39	32	28	26				
277V: P(W), I(A), THD(%), PF	29.4	0.110	9.9 0.969	*Based on a floor reflectance of 0.2															
347V: P(W), I(A), THD(%), PF	30.1	0.090	7.9 0.958																

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1173	29.5%	29.5%
0-40	1895	47.7%	47.7%
0-60	3226	81.1%	81.1%
0-90	3975	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	3975	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2199	2199	2199
5	2191	2197	2204
15	2156	2180	2209
25	2087	2137	2136
35	1978	2034	2008
45	1850	1894	1849
55	1695	1716	1675
65	1546	1539	1449
75	1294	1222	1168
85	905	708	547

LEDALITE

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CANADA V1M 3B2
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LUMINAIRE SECTION			
Zone	Lumens	%Fixture	%Lamp
0-30	1173	29.5%	29.5%
0-40	1895	47.7%	47.7%
0-60	3226	81.1%	81.1%
0-90	3975	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	3975	100.0%	100.0%