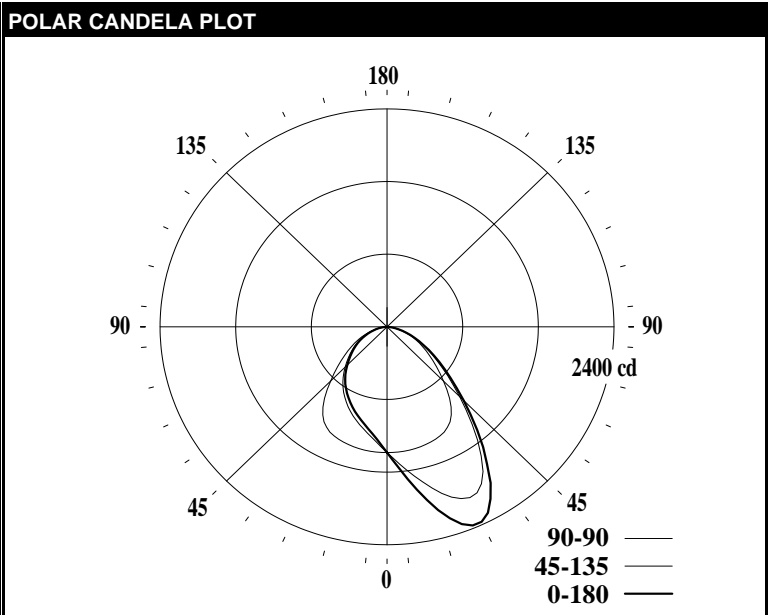


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b> 05 Jun 2019		<b>CATALOG NO:</b> 29x1LADWN	
<b>Lamp Type:</b> LED		<b>Description:</b> TRUGROOVE SUSPEND/SURFACE/WALL DIRECT ASY LED XHI 840	
<b>No. of Lamps:</b> 88			
<b>Rated Lamp Lumens:</b> -1		<b>Flux (lm), Efficiency (%):</b> 3713 lm 100.0%	
<b>Input Watts:</b> 120 VAC 39.0		<b>Up/Dn Ratio, Efficacy (lm/W):</b> 0% Up / 100% Dn 95.2	
<b>CIE-IES Classification:</b> Direct		<b>Report (Ele, Col, Photo):</b> TGSEI-04 T20190611 S83733-K	


CANDELA DISTRIBUTION						
	Flux					
	0	45	90	135	180	Lumens
0	1384	1384	1384	1384	1384	
5	1576	1517	1384	1274	1241	134
15	2089	1838	1367	1117	1063	418
25	2368	2075	1325	973	919	687
35	1841	1737	1184	812	770	781
45	1145	1086	843	626	595	663
55	674	643	547	454	434	493
65	372	364	336	296	285	329
75	169	164	155	149	147	167
85	31	28	31	34	37	40
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			
RP1			None
Direct: Peak Candela & Angle (0deg)	2368.3	22.5	
Direct: Peak Candela & Angle (180deg)	1384.3	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A		
Luminous Length, Width, Height (ft)	0.25	4.00	0.00
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	2.819	
DLC (120/277), DLC (347)	N/A		
x, y, CCT, Duv	0.3772	0.3752	4078 0.0002
CRI (Ra), R9			81 6
120V: P(W), I(A), THD(%), PF	39.0	0.326	5.1 0.998
277V: P(W), I(A), THD(%), PF	38.4	0.142	8.3 0.973
347V: P(W), I(A), THD(%), PF	38.2	0.112	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	119	119	119	119	116	116	116	111	111	111	100	
	1	110	106	102	98	107	103	100	99	96	94	86	
	2	101	94	87	82	98	92	86	88	83	79	74	
	3	93	83	76	70	90	82	75	79	73	68	64	
	4	86	74	66	60	83	73	65	71	64	59	55	
	5	79	67	59	52	77	66	58	64	57	52	48	
	6	73	61	52	46	71	60	52	58	51	46	43	
	7	68	55	47	41	66	55	47	53	46	41	38	
	8	64	51	43	37	62	50	42	49	42	37	34	
	9	59	47	39	33	58	46	38	45	38	33	31	
	10	56	43	35	30	55	43	35	42	35	30	28	

\*Based on a floor reflectance of 0.2



**LEDALITE**

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 19750 - 92A Avenue  
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 Phone: 604-888-6811  
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 604-888-2003

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1240	33.4%	33.4%
0-40	2021	54.4%	54.4%
0-60	3177	85.6%	85.6%
0-90	3713	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	3713	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	14895	14895	14895
5	17023	14952	13399
15	23273	15232	11840
25	28117	15732	10912
35	24183	15554	10110
45	17418	12828	9052
55	12641	10261	8145
65	9475	8542	7250
75	7033	6447	6095
85	3829	3829	4525

LUMINAIRE SECTION	