

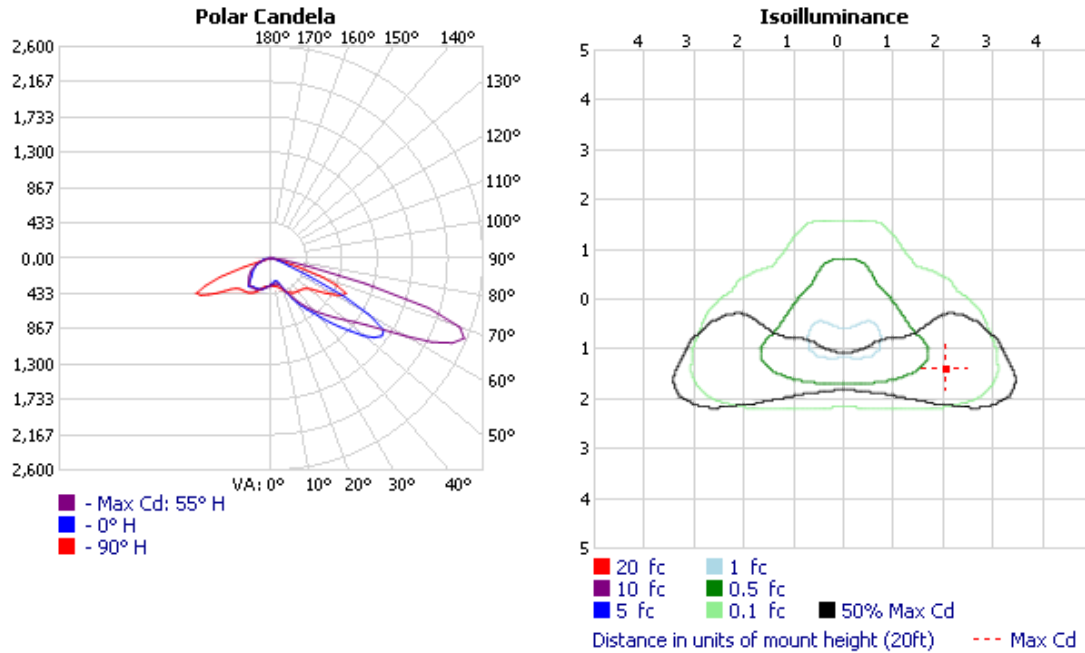
OUTDOOR PHOTOMETRIC REPORT

CATALOG: XWM-3-LED-03L-50



Manufacturer: LSI INDUSTRIES, INC.
Test #: LED-13174
Test Lab: LSI INDUSTRIES, INC.
Test Date: 01/07/22
Catalog: XWM-3-LED-03L-50
Description:
Lamp Output: Total luminaire Lumens: 3361.1, **absolute photometry ***
Input Wattage: 23
Luminous Opening: Rectangle (L: 2.5", W: 11.5")
Max Cd: 2,564.0 at Horizontal: 55°, Vertical: 67.5°
Roadway Class: SHORT, TYPE III

No
Photo
Available



*Test based on absolute photometry where lamp lumens=lumens total.

*Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

Visual Photometric Tool 1.2.46 copyright 2024, Acuity Brands Lighting.

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LED-13174

VISUAL PHOTOMETRIC TOOL

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	342.2	10.2%
0-40	700.3	20.8%
0-60	2,057.8	61.2%
60-90	1,303.3	38.8%
70-100	424.3	12.6%
90-120	0.000	0%
0-90	3,361.1	100%
90-180	0.000	0%
0-180	3,361.1	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	31.7	0.9%	90-100	0.000	0%
10-20	102.0	3.0%	100-110	0.000	0%
20-30	208.5	6.2%	110-120	0.000	0%
30-40	358.1	10.7%	120-130	0.000	0%
40-50	546.6	16.3%	130-140	0.000	0%
50-60	810.9	24.1%	140-150	0.000	0%
60-70	879.0	26.2%	150-160	0.000	0%
70-80	365.8	10.9%	160-170	0.000	0%
80-90	58.5	1.7%	170-180	0.000	0%

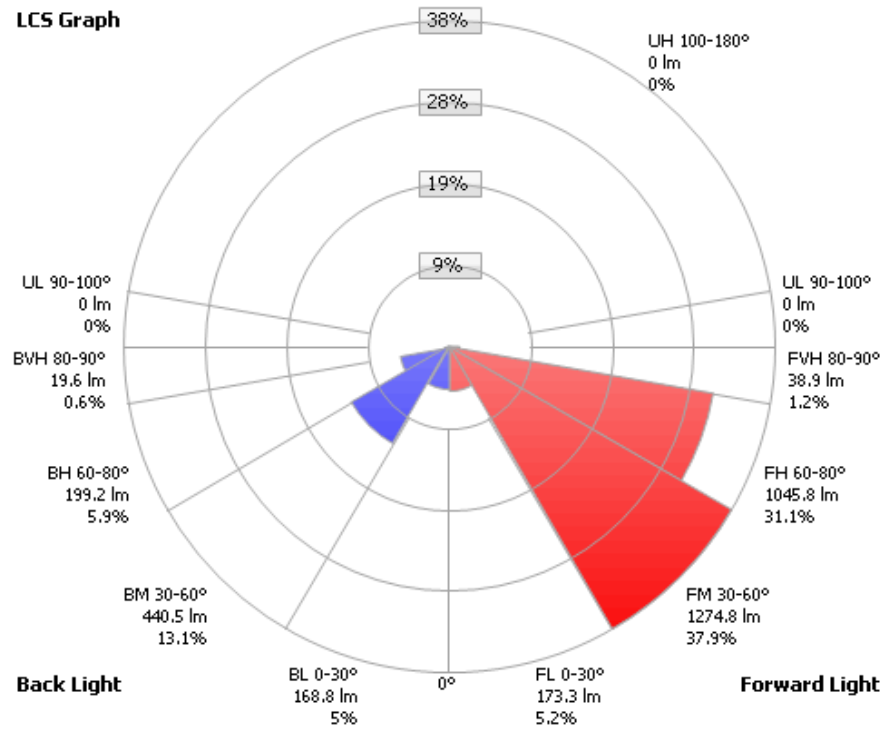
Roadway Summary

Distribution:	TYPE III, SHORT	
Max Cd, 90 Deg Vert:	0.000	
Max Cd, 80 to <90 Deg:	266.0	
	Lumens	% Lamp
Downward Street Side:	2,532.8	75.4%
Downward House Side:	828.1	24.6%
Downward Total:	3,360.9	100%
Upward Street Side:	0.000	0%
Upward House Side:	0.000	0%
Upward Total:	0.000	0%
Total Lumens:	3,360.9	100%

LCS Table

BUG Rating	B1 - U0 - G1	
Forward Light	Lumens	Lumens %
Low(0-30):	173.3	5.2%
Medium(30-60):	1,274.8	37.9%
High(60-80):	1,045.8	31.1%
Very High(80-90):	38.9	1.2%
Back Light		
Low(0-30):	168.8	5%
Medium(30-60):	440.5	13.1%
High(60-80):	199.2	5.9%
Very High(80-90):	19.6	0.6%
Uplight		
Low(90-100):	0.000	0%
High(100-180):	0.000	0%
Trapped Light:	0.2	0%

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0.2 lm, 0%

Candela Table - Type C

	0	15	25	35	45	55	65	75	85	90	105	115	125	135	145	155	165	175	180
0	329	329	329	329	329	329	329	329	329	329	329	329	329	329	329	329	329	329	329
5	298	302	306	310	314	320	326	331	337	341	344	347	349	352	349	348	346	344	344
10	281	285	289	295	302	314	325	333	344	350	361	369	365	363	357	360	360	359	361
15	297	299	302	307	315	327	338	350	363	370	383	380	378	387	388	391	390	389	389
20	364	366	366	367	368	376	385	393	402	409	407	395	402	412	409	409	406	404	404
25	475	483	481	475	468	461	461	461	458	456	432	409	414	425	422	420	415	411	409
30	623	633	629	622	603	579	560	533	502	487	438	405	409	423	425	425	419	412	411
35	764	777	788	790	761	710	657	598	539	510	428	388	393	411	423	435	433	423	421
40	941	960	976	983	943	852	744	646	564	521	405	360	371	393	420	444	452	442	436
45	1189	1211	1219	1217	1158	996	832	694	589	536	386	329	341	354	387	439	409	366	359
50	1478	1519	1534	1516	1408	1173	937	767	640	575	379	298	303	314	354	406	363	316	309
55	1659	1740	1839	1919	1782	1426	1109	940	792	699	400	278	266	280	320	364	327	286	279
60	1394	1587	1828	2088	2185	1906	1529	1250	1032	887	428	260	229	245	278	312	277	244	238
65	512	741	1187	1782	2271	2457	2076	1584	1221	1012	413	231	189	204	214	240	230	213	209
70	152	195	327	729	1692	2463	2395	1618	1027	671	222	155	133	145	167	188	180	148	147
75	89	116	192	327	559	1199	1398	634	231	142	82	77	78	85	105	112	114	123	125
80	66	74	133	195	246	266	206	129	65	44	44	46	49	55	66	69	76	92	98
85	38	47	85	95	95	88	73	52	26	18	26	26	31	33	39	47	53	66	62
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0