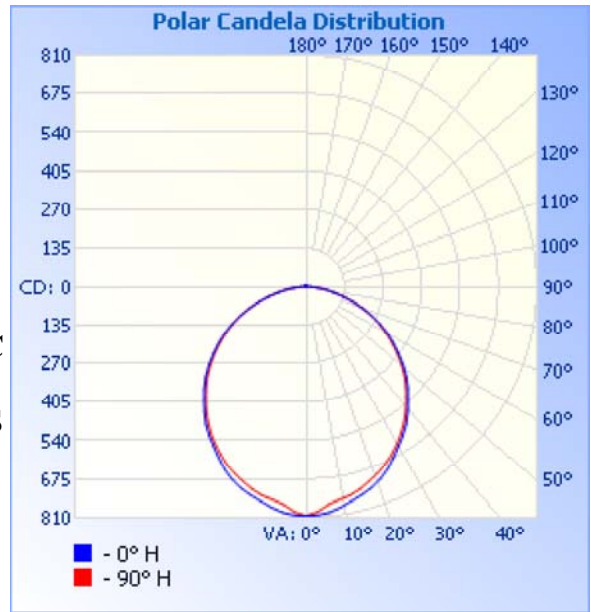




**Filename:** 131X22LJ20W2000LDMV35K\_SPC  
**LEN MOBERN**  
**Manufacturer:** SAYLITE-TEXAS FLUORESCENTS  
**REINVENTED**  
**Lamp:** LED Module  
**Lamp Output:** Total luminaire Lumens: 2157.9  
**Max Candela:** 802.6 at Horizontal: 0°, Vertical: 0°  
**Input Wattage:** 20.5  
**Luminous Opening:** Rectangle w/Luminous Sides (L: 24.02", W: 24.02", H: 3.94")  
**Test:** 131X22LJ20W2000LDMV35K\_SPC  
**LEN MOBERN**  
**Test Date:** 16-Aug-2019 07:20:37  
**Test Lab:** Radiant Vision Systems ProSource  
**Photometry :** Type C  
**Nema Type:** 7 X 7



**Roadway Summary**

Cutoff Classification:	N/A	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	3.0	
Max Cd, 80 to <90 Deg:	80.0	
	Lumens	% Lamp
Downward Street Side:	1,075.8	49.9%
Downward House Side:	1,075.8	49.9%
Downward Total:	2,151.7	99.7%
Upward Street Side:	3.3	0.2%
Upward House Side:	3.3	0.2%
Upward Total:	6.6	0.3%
Total Lumens:	2,158.3	100%

**Flood Summary**

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	97.9%	2,112.4	160.2	159.8
Beam (50%):	69.1%	1,490.8	106.6	107.9
Total:	100%	2,157.2		

**Zonal Lumen Summary**

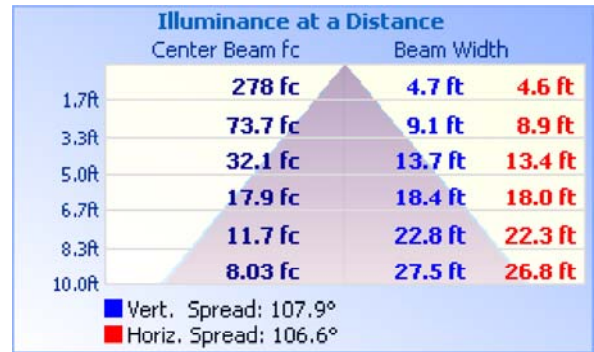
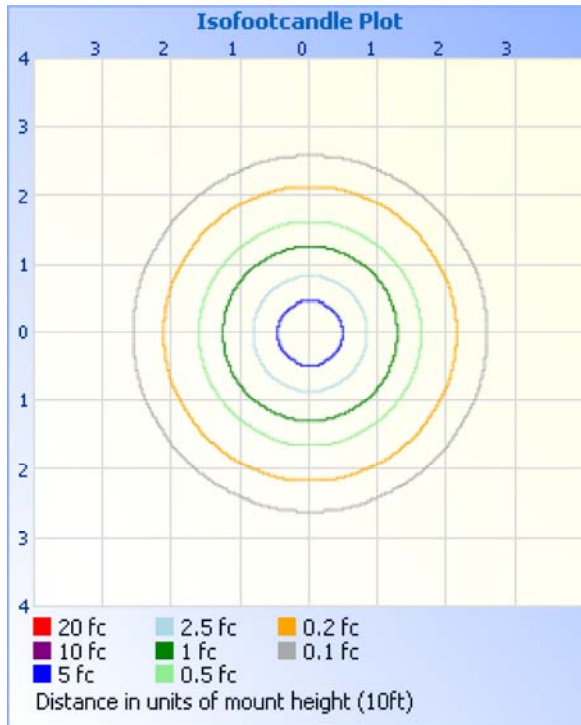
Zone	Lumens	% Luminaire
0-30	597.2	27.7%
0-40	972.1	45%
0-60	1,702.5	78.9%
60-90	448.7	20.8%
70-100	189.4	8.8%
90-120	2.1	0.1%
0-90	2,151.2	99.7%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	74.4	3.4%	90-100	0.6	0%
10-20	209.3	9.7%	100-110	0.7	0%
20-30	313.5	14.5%	110-120	0.8	0%
30-40	374.9	17.4%	120-130	1.0	0%
40-50	386.1	17.9%	130-140	1.0	0%
50-60	344.4	16.0%	140-150	0.9	0%
60-70	260.0	12.0%	150-160	0.8	0%

90-1806.6 0.3%  
 0-180 2,157.9 100%

70-80147.0 6.8% 160-1700.6 0%  
 80-9041.8 1.9% 170-1800.2 0%



### Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80	70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR:	0	1.19	1.19	1.19	1.19	1.61	1.61	1.61	0.01	1.11	1.11	1.11	0.61	0.61	0.61	0.21	0.21	0.21
	11.09	1.04	1.00	.96	1.06	1.02	.98	.84	.97	.94	.91	.93	.91	.88	.90	.88	.86	.83
	2.99	.91	.84	.78	.96	.89	.82	.71	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
	3.90	.80	.71	.65	.88	.78	.70	.60	.75	.68	.63	.72	.67	.62	.69	.65	.61	.59
	4.82	.70	.62	.55	.80	.69	.61	.52	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
	5.76	.63	.54	.47	.74	.62	.53	.45	.60	.52	.47	.58	.51	.46	.56	.50	.45	.43
	6.70	.57	.48	.41	.68	.56	.47	.40	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
	7.65	.51	.43	.37	.63	.51	.42	.35	.49	.42	.36	.48	.41	.36	.46	.40	.35	.33
	8.60	.47	.38	.33	.59	.46	.38	.32	.45	.38	.32	.44	.37	.32	.42	.36	.32	.30
	9.57	.43	.35	.29	.55	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
	10.53	.40	.32	.27	.52	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24

### Candela Table - Type C

0	10	20	30	40	50	60	70	80	90
0	803803803803803803803803803803803803803803803803								
3	802802802800799796794792790790								
6	795796795792787782778773770767								
9	782783782777772767763760757755								
12	768769765760757753751748747747								
15	755757752743738736733731731734								
18	742745736725718718715712714717								

21 724726716703698700700700701701  
 24 701703692680681683684689688683  
 27 674683670662665662664669667661  
 30 647665645640643635639643641637  
 33 623643616614616610614614614613  
 36 598614584588588586588586586586  
 39 567583556560560559557558558556  
 42 534550526533531530528526527525  
 45 505515495500498498500495496495  
 48 474479466466465464469463464464  
 51 438445434434434430435428433429  
 54 401410404396398394395395397393  
 57 365374366361362359358360361357  
 60 330336325325324325320322322322  
 63 292298290289284287285284284286  
 66 252256249254250250247248247249  
 69 212215212212212211207212209210  
 72 173177177175177174171176173172  
 75 134140140139141138136138136136  
 78 98 106105105106101103101101102  
 81 70 77 80 79 79 76 76 75 72 71  
 84 42 49 47 49 45 45 46 43 43 41  
 87 18 23 20 19 19 19 17 16 17 17  
 90 3 3 2 3 2 2 1 1 2 2  
 93 1 0 0 0 0 0 0 0 0 0  
 96 1 0 0 0 0 0 0 0 0 0  
 99 1 1 1 1 1 1 0 0 0 0  
 1021 1 1 1 1 1 1 0 0 0 0  
 1051 1 1 1 1 1 0 0 1 0 0  
 1081 1 1 1 1 1 1 1 0 0 0  
 1111 1 1 1 1 1 1 1 0 0 0  
 1142 1 1 1 1 1 1 0 1 0 0  
 1171 1 1 1 1 1 1 1 0 0 0  
 1202 1 1 2 2 1 1 1 1 0 0  
 1232 1 2 1 1 1 1 1 1 0 0  
 1262 1 1 1 2 1 0 1 1 1 0  
 1292 2 2 1 1 1 1 1 0 0 0  
 1323 2 1 1 1 1 1 1 1 0 0  
 1353 3 2 2 1 1 1 1 1 0 0  
 1382 2 2 1 2 1 1 1 1 0 0  
 1413 2 2 2 2 2 2 1 1 1 0  
 1443 3 2 2 1 1 1 1 0 1 0  
 1473 2 2 2 2 2 2 1 1 0 0  
 1503 3 2 2 2 1 1 1 1 1 0  
 1533 2 3 2 2 2 2 2 1 1 0  
 1563 3 2 3 1 2 1 1 1 1 0  
 1594 3 2 3 3 2 1 1 1 1 0  
 1623 3 3 3 3 2 2 2 1 0 0  
 1653 3 3 3 2 2 2 2 1 0 0  
 1682 3 3 3 2 2 1 1 1 1 1  
 1713 4 3 2 2 2 2 2 2 1 1

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	2	3	3	2	2	1	1	1	1	1
1772	2	2	2	2	1	1	1	1	1	1
1800	0	0	0	0	0	0	0	0	0	0

### Luminaire Report Summary

IESNA:LM-63-2002

[TEST] 131X22LJ20W2000LDMV35K\_SPC LEN MOBERN

[TESTDATE] 16-Aug-2019 07:20:37

[TESTLAB] Radiant Vision Systems ProSource

[ISSUEDATE] 8/16/2019 8:47:12 AM

[MANUFAC] SAYLITE-TEXAS FLUORESCENTS REINVENTED

[LAMP] LED Module

[\_TOTALLUMINAIRELUMENS] 2157.9

[DRIVER TYPE](1) PHILIPS ADVANCED 40W

[BOARD/LAMP TYPE] (2) PHILIPS "J" BOARDS

[COLOR TEMP] 3483 CCT

[LUMEN/WATT] 105 LPW

[CRI] 83.9

[\_NUMBEROFRAYS]10000000

[OTHER] Absolute Photometry measurement

FILE: CREATED USING ABSOLUTE PHOTOMETRY

FILE: CANDELA MULTIPLIER: 1

FILE: VERTICAL ANGLES: 61, HORIZONTAL ANGLES: 10

FILE: COORDINATE SYSTEM: TYPE C

FILE: UNIT OF MEASURE: METRIC

FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.29 copyright 2003-2019 by jSolutions, Inc.

Reported data calculated from manufacturer's data file, based on IES recommended methods.