



**Filename:** SCB22LY30WDMV40K

**Manufacturer:** TEXAS FLUORESCENTS

**Lamp:** LED Module

**Lamp Output:** Total luminaire Lumens: 2869.3

**Max Candela:** 1,078.1 at Horizontal: 0°, Vertical: 0°

**Input Wattage:** 30.1

**Luminous Opening:** Rectangle w/Luminous Sides (L: 24.02", W: 24.02", H: 3.54")

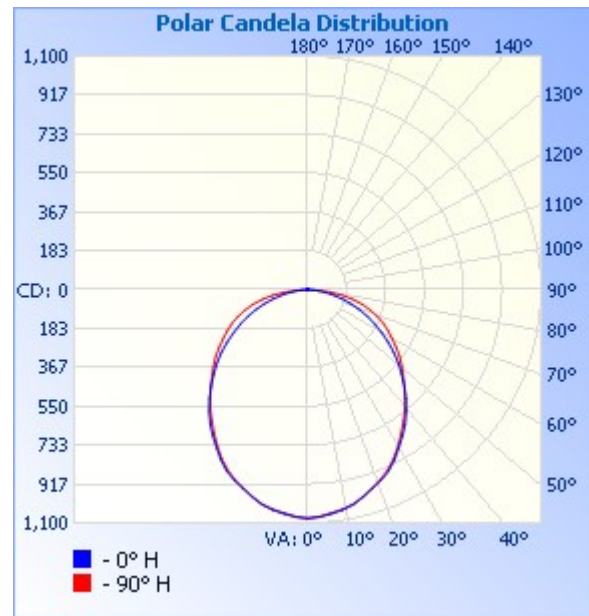
**Test:** SCB22LY30WDMV40K

**Test Date:** 22-Dec-2017 10:28:36

**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:	11.6	
Max Cd, 80 to <90 Deg:	167.1	
	Lumens	% Lamp
Downward Street Side:	1,434.0	50%
Downward House Side:	1,434.0	50%
Downward Total:	2,868.0	100%
Upward Street Side:	1.0	0%
Upward House Side:	1.0	0%
Upward Total:	1.9	0.1%
<b>Total Lumens:</b>	<b>2,869.9</b>	<b>100%</b>

**Flood Summary**

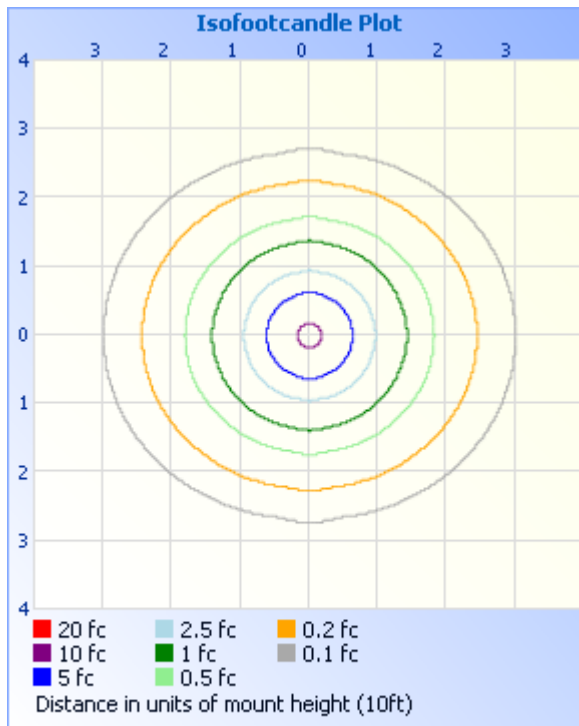
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.5%	2,825.5	167.9	159.5
Beam (50%):	64.6%	1,852.3	107.4	103.4
<b>Total:</b>	<b>100%</b>	<b>2,868.8</b>		

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	803.4	28%
0-40	1,288.8	44.9%
0-60	2,215.9	77.2%
60-90	651.4	22.7%
70-100	302.6	10.5%
90-120	1.0	0%
0-90	2,867.4	99.9%
90-180	1.9	0.1%
0-180	2,869.3	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	100.9	3.5%	90-100	0.7	0%
10-20	284.8	9.9%	100-110	0.1	0%
20-30	417.8	14.6%	110-120	0.2	0%
30-40	485.3	16.9%	120-130	0.2	0%
40-50	489.1	17.0%	130-140	0.2	0%
50-60	438.1	15.3%	140-150	0.2	0%
60-70	349.6	12.2%	150-160	0.1	0%
70-80	227.2	7.9%	160-170	0.1	0%
80-90	74.7	2.6%	170-180	0.0	0%



	Center Beam fc	Beam Width	
1.7R	373 fc	4.3 ft	4.6 ft
3.3R	99.0 fc	8.4 ft	9.0 ft
5.0R	43.1 fc	12.7 ft	13.6 ft
6.7R	24.0 fc	17.0 ft	18.2 ft
8.3R	15.7 fc	21.0 ft	22.6 ft
10.0R	10.8 fc	25.3 ft	27.2 ft

■ Vert. Spread: 103.4°  
■ Horiz. Spread: 107.4°

**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	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.03	.99	.95	1.06	1.01	.97	.84	.97	.93	.90	.93	.90	.88	.89	.87	.85	.83
2	.98	.90	.83	.77	.96	.88	.82	.70	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3	.90	.79	.71	.64	.87	.77	.70	.60	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4	.82	.70	.61	.54	.80	.69	.60	.51	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49
5	.76	.63	.53	.47	.73	.61	.53	.45	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8	.60	.47	.38	.32	.59	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9	.56	.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	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078
3	1072	1072	1071	1071	1071	1071	1071	1071	1071	1071
6	1062	1061	1062	1062	1062	1062	1061	1060	1059	1059
9	1050	1050	1051	1051	1052	1052	1051	1050	1049	1049
12	1034	1033	1033	1032	1033	1033	1033	1034	1035	1035
15	1010	1007	1009	1007	1004	1005	1008	1013	1012	1012
18	984	982	980	981	976	977	982	987	987	984
21	962	955	951	954	951	950	953	957	957	958
24	937	924	917	917	921	920	921	920	922	929
27	900	888	877	879	883	884	886	883	886	893
30	859	848	835	838	839	840	845	846	849	852

33	820	804	791	798	801	800	804	806	807	809
36	781	754	747	761	765	763	766	769	764	767
39	738	704	709	715	722	721	724	731	723	728
42	691	655	668	669	676	675	682	685	682	689
45	644	608	624	621	629	633	640	640	643	646
48	597	564	579	576	586	591	601	601	605	605
51	550	523	528	535	544	547	560	560	569	570
54	502	479	485	490	497	505	517	522	530	536
57	452	433	436	447	455	466	478	486	492	497
60	402	386	389	401	413	426	435	452	453	459
63	355	340	351	357	368	383	396	415	418	425
66	308	292	303	318	327	345	360	377	385	391
69	261	245	257	270	285	308	323	340	348	352
72	215	199	215	230	250	267	285	299	309	310
75	171	156	172	191	211	227	243	253	265	268
78	129	115	133	152	170	184	200	205	214	219
81	93	81	102	119	135	147	158	166	162	167
84	55	49	60	76	83	94	103	104	106	106
87	27	20	25	29	37	35	40	35	39	40
90	12	2	3	3	2	3	5	3	2	3
93	1	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0
108	0	1	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0	0
114	0	1	0	0	0	0	0	0	0	0
117	0	1	0	0	0	0	0	0	0	0
120	0	1	0	0	0	0	0	0	0	0
123	1	1	1	0	0	0	0	0	0	0
126	1	1	0	1	0	0	0	0	0	0
129	0	1	0	0	0	0	0	0	0	0
132	0	1	1	0	0	0	0	0	0	0
135	1	1	1	0	0	0	0	0	0	0
138	1	1	0	0	0	0	0	0	0	0
141	1	1	1	1	0	0	0	0	0	0
144	1	1	0	0	0	0	0	0	0	0
147	1	1	0	0	0	0	0	0	0	0
150	1	1	1	0	0	0	0	0	0	0
153	1	1	0	1	0	0	0	0	0	0
156	1	1	0	0	1	0	0	0	0	0
159	1	1	0	0	0	0	0	0	0	0
162	1	0	0	0	0	0	0	0	0	0
165	0	0	1	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0	0

180	0	0	0	0	0	0	0	0	0	0	0
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### Luminaire Report Summary

IESNA:LM-63-2002  
[TEST] SCB22LY30WDMV40K  
[TESTDATE] 22-Dec-2017 10:28:36  
[TESTLAB] Radiant Vision Systems ProSource  
[ISSUEDATE] 12/22/2017 11:37:15 AM  
[MANUFAC] TEXAS FLUORESCENTS  
[LAMP] LED Module  
[\_TOTALLUMINAIRELUMENS] 2869.3  
[\_DRIVER TYPE] (1) PHILIPS ADVANCED 40W  
[BOARD/LAMP TYPE]  
[\_COLOR TEMP] 4,000 CCT  
[\_LUMEN/WATT] 96 LM/WT  
[\_CRI] 83.5  
[\_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

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