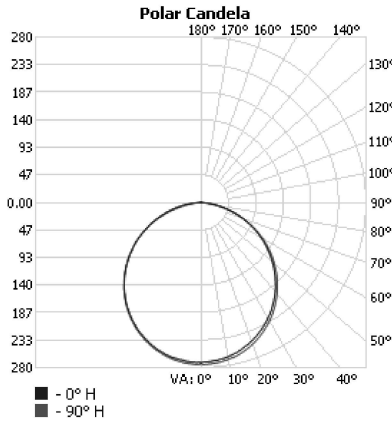


Manufacturer: SATCO Products
Test Lab: SCALED PHOTOMETRY
Catalog: S11680 (2700K setting)
Description: 8WLED/DW/4/CCT/RND/FL/RD
Lamp Output: Total luminaire Lumens: 770.4, absolute photometry *
Input Wattage: 8.4
Luminous Opening: Circular (Dia: 3.15")
Cie Class: Direct
Max Cd: 275.0 at Horizontal: 270°, Vertical: 0.5°
Spacing Criterion: @ 0 = 1.24 / @ 90 = 1.27

No
Photo
Available



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	210.8	27.4%
0-40	345.4	44.8%
0-60	611.5	79.4%
60-90	158.9	20.6%
0-90	770.4	100%

*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 2025, Acuity Brands Lighting.
This Photometric report has been generated using methods recommended by the IESNA. Calculations are based on Photometric data provided by the manufacturer, and the accuracy of this Photometric report is dependent on the accuracy of the data provided. End-user environment and application (including, but not limited to, voltage variation and dirt accumulation) can cause actual Photometric performance to differ from the performance calculated using the data provided by the manufacturer. This report is provided without warranty as to accuracy, completeness, reliability or otherwise. In no event will Acuity Brands Lighting be responsible for any loss resulting from any use of this report.

Illuminance at a Distance					
Height(ft)	Center Beam	Beam Spread(ft)		Field Spread(ft)	
	Footcandle	Horizontal	Vertical	Horizontal	Vertical
2.00	67.86 fc	6.0	5.9	20.8	25.0
4.00	16.97 fc	12.0	11.8	41.7	50.0
6.00	7.54 fc	18.0	17.7	62.5	75.0
8.00	4.24 fc	24.0	23.6	83.3	100.0
10.00	2.71 fc	30.0	29.5	104.1	125.0
12.00	1.89 fc	36.0	35.4	125.0	150.0
		Beam Angle		Field Angle	
		112.7°	111.7°	158.3°	161.8°

UGR Table (Corrected)

Ceiling Cavity Reflectance:		70%	70%	50%	50%	30%	70%	70%	50%	50%	30%
Wall Cavity Reflectance:		50%	30%	50%	30%	30%	50%	30%	50%	30%	30%
Floor Cavity Reflectance:		20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
Room Dimensions		Viewed Crosswise					Viewed Endwise				
Room Width	Room Length										
2H	2H	24.9	26.5	25.2	26.8	27.1	24.8	26.4	25.2	26.7	27.1
	3H	26.6	28.1	27.0	28.4	28.8	26.6	28.1	27.0	28.4	28.8
	4H	27.2	28.6	27.6	28.9	29.3	27.3	28.6	27.7	29.0	29.4
	6H	27.5	28.8	27.9	29.2	29.5	27.7	29.0	28.1	29.4	29.8
	8H	27.5	28.8	28.0	29.2	29.6	27.8	29.1	28.2	29.4	29.8
4H	12H	27.5	28.7	28.0	29.1	29.5	27.9	29.0	28.3	29.4	29.9
	2H	25.5	26.9	25.9	27.2	27.6	25.4	26.8	25.8	27.2	27.5
	3H	27.4	28.6	27.8	29.0	29.4	27.4	28.6	27.9	29.0	29.4
	4H	28.1	29.2	28.6	29.6	30.0	28.2	29.3	28.7	29.7	30.1
	6H	28.5	29.5	29.0	29.9	30.3	28.8	29.7	29.3	30.2	30.6
8H	8H	28.6	29.4	29.1	29.9	30.4	29.0	29.8	29.4	30.2	30.7
	12H	28.6	29.4	29.1	29.8	30.3	29.0	29.8	29.5	30.3	30.7
	4H	28.4	29.3	28.9	29.7	30.2	28.5	29.4	29.0	29.8	30.3
	6H	28.9	29.6	29.4	30.1	30.6	29.2	29.9	29.7	30.4	30.8
	8H	29.0	29.6	29.5	30.1	30.6	29.4	30.0	29.9	30.5	31.0
12H	12H	29.0	29.5	29.5	30.0	30.6	29.4	30.0	30.0	30.5	31.1
	4H	28.4	29.2	28.9	29.7	30.2	28.5	29.3	29.0	29.8	30.2
	6H	28.9	29.6	29.5	30.0	30.6	29.2	29.8	29.7	30.3	30.8
	8H	29.0	29.6	29.6	30.1	30.7	29.4	30.0	29.9	30.4	31.0

Max UGR: 31.1



Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
0	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271
5	269	269	268	268	273	272	271	270	270	269	269	269	273	272	271	270	269
10	265	266	264	265	270	268	268	267	267	266	267	265	270	268	266	267	265
15	259	259	258	259	264	262	262	260	261	261	261	260	263	263	260	260	259
20	250	251	249	250	255	253	254	252	254	252	253	252	256	255	252	252	250
25	240	240	239	240	245	243	243	242	244	242	243	241	245	244	241	241	240
30	227	227	226	227	232	230	231	230	231	230	231	229	232	232	229	229	227
35	212	213	211	213	217	216	217	215	217	216	217	216	218	217	214	215	212
40	196	196	195	196	201	199	200	199	201	200	201	199	202	201	198	198	196
45	178	179	177	178	183	181	182	182	183	182	184	182	184	183	180	180	178
50	158	159	158	159	163	162	163	162	164	163	165	163	164	164	161	160	158
55	138	139	138	139	142	141	142	142	144	143	145	143	144	143	140	140	138
60	117	117	117	117	120	119	120	121	122	123	124	122	123	121	119	118	117
65	95	95	94	94	97	96	98	99	100	101	101	100	99	98	97	96	95
70	73	73	71	70	72	72	75	76	78	79	78	75	74	74	73	74	73
75	51	51	48	46	47	47	51	54	56	56	54	51	49	49	49	51	51
80	29	27	24	22	23	23	27	31	34	32	30	26	24	25	25	29	29
85	8.41	4.85	2.38	1.51	1.81	2.19	5.1	9	13	8.82	6.33	3.97	2.85	3.21	4.4	7.33	8.41
90	0.14	0.09	0.09	0.08	0.12	0.12	0.12	0.14	0.25	0.22	0.12	0.13	0.09	0.09	0.09	0.11	0.14
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

