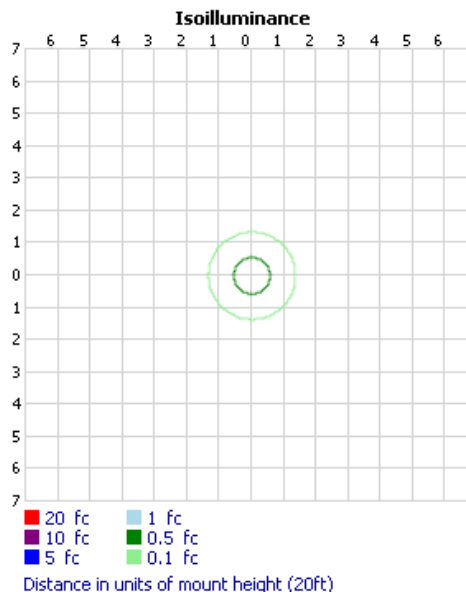
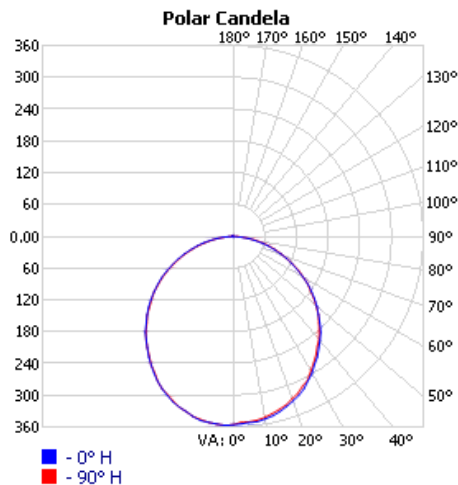


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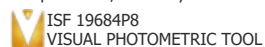
CATALOG: WF6 ADJ LED 27K30K35K 90CRI_3000K

Test #: ISF 19684P8
 Test Lab: SCALED PHOTOMETRY
 Catalog: WF6 ADJ LED 27K30K35K 90CRI_3000K
 Description: 6" Wafer Gimbal 2700K3000K3500K 90CRI_3000K
 Series: Switchable White Adjustable Wafer Canless Downlight
 Lamp Output: Total luminaire Lumens: 1008.2, absolute photometry *
 Input Wattage: 12
 Luminous Opening: Circular (Dia: 3.24")
 Cie Class: Direct
 Max Cd: 358.6 at Horizontal: 292.5°, Vertical: 2.5°
 Spacing Criterion: @ 0 = 1.24 / @ 90 = 1.24



*Test based on absolute photometry where lamp lumens=lumens total.
 *Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

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Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	275.2	27.3%
0-40	447.9	44.4%
0-60	789.1	78.3%
60-90	218.8	21.7%
70-100	94.7	9.4%
90-120	0.2	0%
0-90	1,007.9	100%
90-180	0.3	0%
0-180	1,008.2	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	33.6	3.3%	90-100	0.2	0%
10-20	96.2	9.5%	100-110	0.000	0%
20-30	145.3	14.4%	110-120	0.000	0%
30-40	172.8	17.1%	120-130	0.000	0%
40-50	178.9	17.7%	130-140	0.000	0%
50-60	162.2	16.1%	140-150	0.0	0%
60-70	124.3	12.3%	150-160	0.000	0%
70-80	73.6	7.3%	160-170	0.0	0%
80-90	21.0	2.1%	170-180	0.0	0%

Average Luminance (Cd/m2)

	0	45	90	135	180	225	270	315	360
0	66865	66865	66865	66865	66865	66865	66865	66865	66865
45	61738	62129	60957	62519	61738	61347	61347	60957	61738
55	59251	59251	58769	60696	59733	58769	59733	58769	59251
65	54918	54918	55571	56879	56225	55571	55571	54918	54918
75	50174	50174	51242	52309	51242	49107	50174	48039	50174
85	34872	38042	44383	44383	41212	34872	34872	34872	34872

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	0	50	30	20	0	50	30	20	0	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	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00	1.00	
1	1.09	1.04	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83	.83	.83	
2	.99	.90	.83	.77	.96	.88	.82	.71	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69	.69	.69	
3	.90	.79	.71	.64	.87	.78	.70	.60	.75	.68	.63	.72	.66	.61	.69	.64	.60	.58	.58	.58	
4	.82	.70	.61	.54	.80	.69	.60	.51	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50	.50	.50	
5	.76	.63	.54	.47	.73	.61	.53	.45	.59	.52	.46	.57	.51	.46	.55	.50	.45	.43	.43	.43	
6	.70	.56	.47	.41	.68	.55	.47	.39	.54	.46	.40	.52	.45	.40	.50	.44	.40	.37	.37	.37	
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33	.33	.33	
8	.60	.47	.38	.32	.59	.46	.38	.31	.45	.37	.32	.43	.37	.32	.42	.36	.31	.30	.30	.30	
9	.56	.43	.35	.29	.55	.42	.34	.28	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27	.27	.27	
10	.53	.39	.32	.26	.51	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24	.24	.24	

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 CATALOG: WF6 ADJ LED 27K30K35K 90CRI_3000K



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	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356
5	353	348	356	353	351	350	354	351	356	354	353	354	356	359	351	357	353
10	350	345	353	350	347	347	351	350	353	350	348	348	351	353	347	351	350
15	342	337	342	341	338	338	342	341	342	341	341	340	342	344	338	344	342
20	331	326	332	331	326	328	332	329	332	329	328	329	331	332	326	331	331
25	317	313	319	317	312	315	319	316	317	316	315	316	317	317	313	317	317
30	298	294	298	297	294	297	300	298	298	297	295	297	297	298	294	298	298
35	278	275	278	276	273	276	279	275	278	276	275	275	276	278	275	278	278
40	256	253	256	256	253	256	259	254	256	254	253	253	256	256	253	254	256
45	232	232	234	235	229	234	235	232	232	231	231	231	231	232	229	232	232
50	207	207	207	209	206	209	210	207	209	206	206	204	206	207	204	207	207
55	181	182	181	184	179	184	185	182	182	182	179	181	182	182	179	182	181
60	153	154	153	156	153	156	159	156	156	153	153	153	154	154	150	153	153
65	123	126	123	126	125	128	128	126	126	125	125	125	125	125	123	125	123
70	96	97	96	98	97	98	100	98	98	97	97	97	97	97	96	97	96
75	69	71	69	71	71	72	72	72	71	69	68	69	69	69	66	68	69
80	41	44	43	44	44	46	46	46	44	43	43	43	41	41	41	41	41
85	16	18	18	19	21	21	21	19	19	19	16	16	16	16	16	18	16
90	0	0	0	0	0	0	0	0	0	0	1.47	1.47	1.47	0	1.47	1.47	0
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	1.47	0	0	0	0	0	0	0	0	0	1.47	0	1.47	0	0	0
175	0	0	0	0	0	1.47	0	0	0	0	1.47	1.47	0	0	0	1.47	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0