

Photometric Data: Halogen Bulbs

All measurements in Foot-candles

20W Narrow Halogen

	0°	45°	90°
1'	9.23	1.062	No Measurable Light
2'	2.582	0.531	
3'	0.752	0.295	
4'	0.274	0.186	
5'	0.123	0.109	
6'	0.06	0.064	
7'	0.029	0.043	
8'	0.009	0.025	
9'		0.015	
10'			
11'			
12'			
13'			
14'			
15'			
16'			

35W Narrow Halogen

	0°	45°	90°
1'	14.88	2.028	No Measurable Light
2'	4.61	1.036	
3'	1.446	0.589	
4'	0.546	0.368	
5'	0.244	0.23	
6'	0.145	0.146	
7'	0.084	0.104	
8'	0.048	0.077	
9'	0.027	0.054	
10'	0.015	0.039	
11'		0.027	
12'		0.019	
13'		0.013	
14'			
15'			
16'			

50W Narrow Halogen

	0°	45°	90°
1'	25.65	3.385	No Measurable Light
2'	6.36	1.695	
3'	1.933	0.898	
4'	0.722	0.575	
5'	0.341	0.356	
6'	0.197	0.234	
7'	0.117	0.165	
8'	0.068	0.122	
9'	0.042	0.084	
10'	0.023	0.066	
11'	0.013	0.052	
12'		0.04	
13'		0.034	
14'		0.024	
15'		0.015	
16'			

20W Wide Halogen

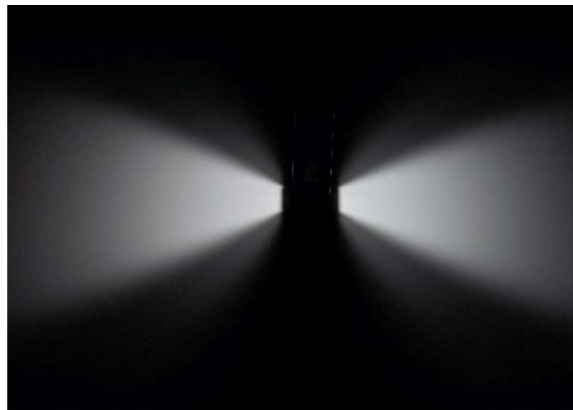
	0°	45°	90°
1'	12.42	1.738	No Measurable Light
2'	3.241	0.798	
3'	0.818	0.418	
4'	0.278	0.264	
5'	0.124	0.155	
6'	0.057	0.092	
7'	0.023	0.059	
8'	0.007	0.041	
9'		0.022	
10'		0.013	
11'			
12'			
13'			
14'			
15'			
16'			

35W Wide Halogen

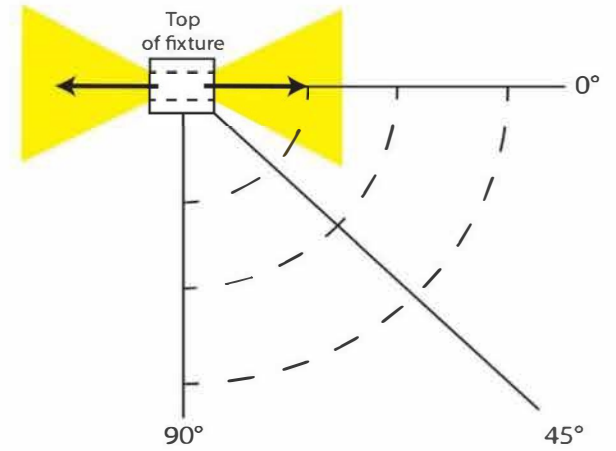
	0°	45°	90°
1'	28.82	3.081	No Measurable Light
2'	5.99	1.396	
3'	1.598	0.757	
4'	0.568	0.478	
5'	0.261	0.292	
6'	0.138	0.198	
7'	0.079	0.136	
8'	0.043	0.107	
9'	0.022	0.079	
10'	0.011	0.058	
11'		0.041	
12'		0.033	
13'		0.024	
14'		0.018	
15'			
16'			

50W Wide Halogen

	0°	45°	90°
1'	26.65	3.72	No Measurable Light
2'	6.24	1.78	
3'	1.74	0.985	
4'	0.647	0.615	
5'	0.309	0.362	
6'	0.175	0.244	
7'	0.1	0.186	
8'	0.058	0.139	
9'	0.034	0.095	
10'	0.016	0.074	
11'		0.06	
12'		0.046	
13'		0.039	
14'		0.028	
15'		0.021	
16'		0.016	



Actual photo of light pattern
Looking down on fixture



Photometric Data: LED Insert (Wide)

All measurements in Foot-candles

3W LED 3000K

	0°	45°	90°
1'	21.65	1.834	No Measurable Light
2'	3.72	0.878	
3'	1.089	0.495	
4'	0.408	0.302	
5'	0.172	0.181	
6'	0.086	0.115	
7'	0.035	0.083	
8'	0.011	0.054	
9'		0.035	
10'		0.024	
11'		0.013	
12'			
13'			
14'			
15'			
16'			

5W LED 3000K

	0°	45°	90°
1'	42.1	3.123	No Measurable Light
2'	8.24	1.637	
3'	2.015	0.89	
4'	0.733	0.55	
5'	0.298	0.33	
6'	0.148	0.231	
7'	0.068	0.172	
8'	0.029	0.124	
9'	0.012	0.089	
10'		0.068	
11'		0.054	
12'		0.042	
13'		0.032	
14'		0.025	
15'		0.017	
16'			

8W LED 3000K

	0°	45°	90°
1'	25.65	3.385	No Measurable Light
2'	6.36	1.695	
3'	1.933	0.898	
4'	0.722	0.575	
5'	0.341	0.356	
6'	0.197	0.234	
7'	0.117	0.165	
8'	0.068	0.122	
9'	0.042	0.084	
10'	0.023	0.066	
11'	0.013	0.052	
12'		0.04	
13'		0.034	
14'		0.024	
15'		0.015	
16'			

3W LED 2700K

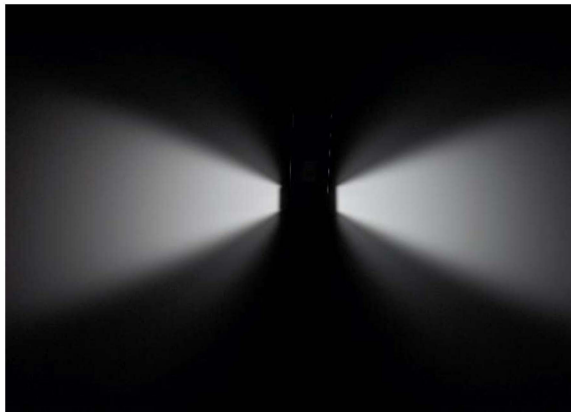
	0°	45°	90°
1'	17.02	1.574	No Measurable Light
2'	3.382	0.624	
3'	0.875	0.352	
4'	0.332	0.239	
5'	0.134	0.146	
6'	0.058	0.09	
7'	0.02	0.054	
8'	0.001	0.039	
9'		0.024	
10'		0.012	
11'			
12'			
13'			
14'			
15'			
16'			

5W LED 2700K

	0°	45°	90°
1'	24.18	2.328	No Measurable Light
2'	4.74	0.05	
3'	1.248	0.567	
4'	0.465	0.364	
5'	0.206	0.228	
6'	0.097	0.145	
7'	0.045	0.097	
8'	0.013	0.069	
9'		0.051	
10'		0.032	
11'		0.023	
12'		0.014	
13'			
14'			
15'			
16'			

8W LED 2700K

	0°	45°	90°
1'	28.86	3.082	No Measurable Light
2'	6.29	1.392	
3'	1.605	0.772	
4'	0.618	0.492	
5'	0.27	0.305	
6'	0.137	0.204	
7'	0.066	0.14	
8'	0.029	0.106	
9'	0.009	0.079	
10'		0.052	
11'		0.044	
12'		0.029	
13'		0.023	
14'		0.015	
15'			
16'			



Actual photo of light pattern
Looking down on fixture

