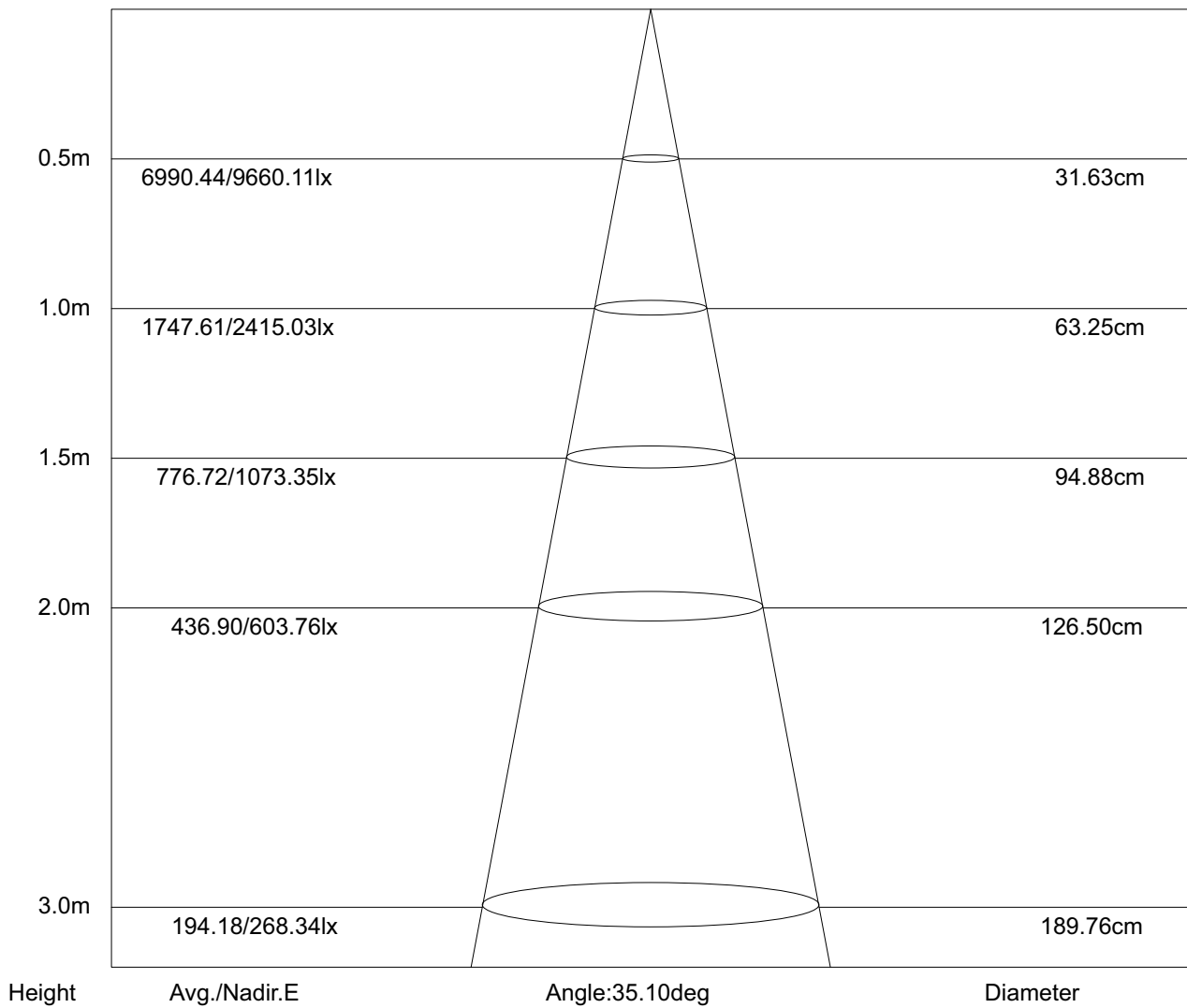


GO1900L GONIOPHOTOMETER Test Report



Flux out:549.13 lm

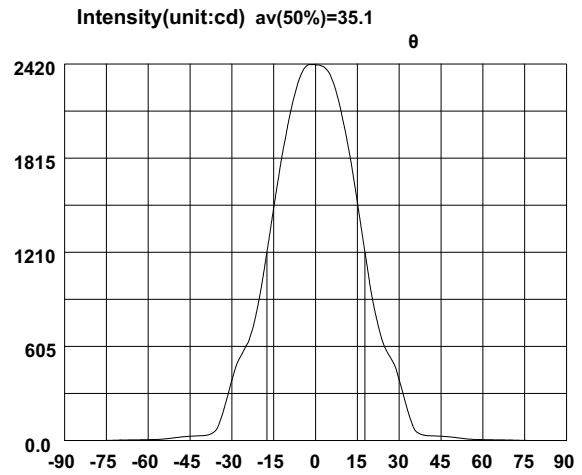
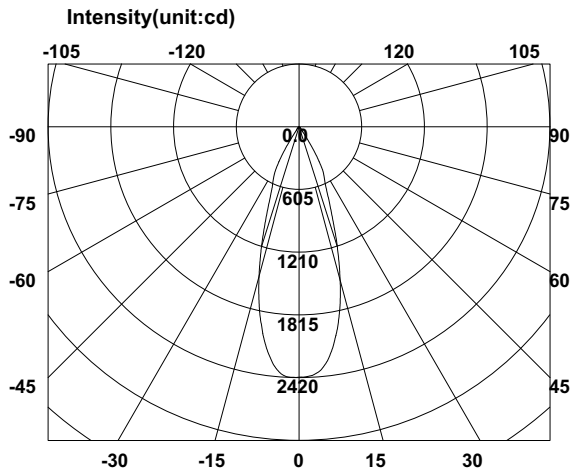
Average Illuminance Figure



LED Type: BXRA-30E08
 Tester:zhaodin
 Temperature:25.3de
 Manufacturer:ARTECTA

Luminaires Type: A0720082 Sesto-15W
 Test Date:2013-06-14
 Humidity:65%

GO1900L GONIOPHOTOMETER Test Report



Intensity data:(deg , cd) C0-180

AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI
-90.0	0.6479	-58.5	6.482	-27.0	536.4	4.5	2374	36.0	59.85	67.5	4.226
-88.5	0.6838	-57.0	7.257	-25.5	586.9	6.0	2318	37.5	42.59	69.0	3.707
-87.0	0.6489	-55.5	8.606	-24.0	637.0	7.5	2237	39.0	34.49	70.5	3.195
-85.5	0.6838	-54.0	10.80	-22.5	722.0	9.0	2130	40.5	31.54	72.0	2.632
-84.0	0.7198	-52.5	13.63	-21.0	838.5	10.5	2005	42.0	30.41	73.5	1.887
-82.5	0.7198	-51.0	17.02	-19.5	980.7	12.0	1862	43.5	29.38	75.0	1.261
-81.0	0.7542	-49.5	20.32	-18.0	1146	13.5	1706	45.0	28.00	76.5	0.8516
-79.5	0.7558	-48.0	23.36	-16.5	1318	15.0	1532	46.5	26.26	78.0	0.8335
-78.0	0.7897	-46.5	25.81	-15.0	1494	16.5	1356	48.0	23.97	79.5	0.7972
-76.5	0.7967	-45.0	27.83	-13.5	1666	18.0	1180	49.5	21.13	81.0	0.8175
-75.0	1.126	-43.5	29.35	-12.0	1831	19.5	1004	51.0	17.79	82.5	0.7869
-73.5	1.679	-42.0	30.50	-10.5	1972	21.0	857.3	52.5	14.41	84.0	0.8140
-72.0	2.434	-40.5	31.71	-9.0	2108	22.5	738.1	54.0	11.29	85.5	0.8148
-70.5	3.073	-39.0	34.77	-7.5	2221	24.0	639.9	55.5	8.967	87.0	0.6920
-69.0	3.549	-37.5	43.11	-6.0	2315	25.5	576.4	57.0	7.437	88.5	0.6838
-67.5	4.043	-36.0	61.43	-4.5	2379	27.0	529.3	58.5	6.614	90.0	0.7198
-66.0	4.444	-34.5	111.4	-3.0	2411	28.5	478.8	60.0	6.055		
-64.5	4.832	-33.0	191.8	-1.5	2416	30.0	390.3	61.5	5.622		
-63.0	5.125	-31.5	287.0	0.0	2415	31.5	293.6	63.0	5.279		
-61.5	5.522	-30.0	389.0	1.5	2413	33.0	197.3	64.5	4.947		
-60.0	5.960	-28.5	477.5	3.0	2402	34.5	114.5	66.0	4.622		

Electricity Parameter:

Current I: 0.0838A Power: 17.62W
Voltage V: 220.0V PF: 0.953

Optical Parameter(Distance=3.970m):

Equivalent Luminous flux: $\Phi_{eff} = 1027lm$ Efficiency: $Eff=58.29lm/W$
Diffuse angle: @ (25%): 49.7deg @ (50%): 35.1deg @ (75%): 24.6deg @ (50%): 35.1deg
Diffuse angle: @ (25%): 49.7deg @ (50%): 35.1deg @ (75%): 24.6deg @ (50%): 35.1deg
Imax=2417cd (C=0.0deg,G=-1.0deg) C0-180Plane Imax= 2417cd(G=-1.0deg)
C0-180Plane I0= 2415cd

LED Type: BXRA-30E0
Tester: zhaodin
Temperature: 25.3de
Manufacturer: ARTECTA

Luminaires Type: A0720082
Test Date: 2013-06-14
Humidity: 65%