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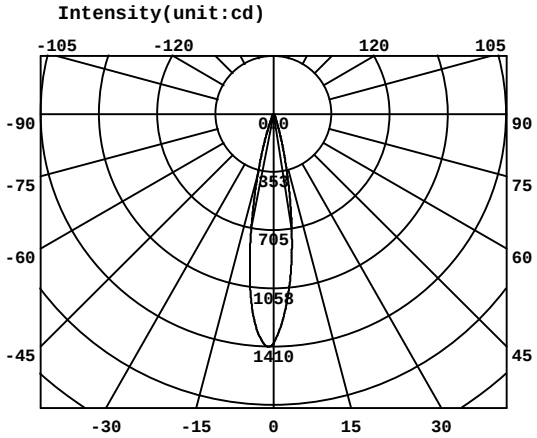
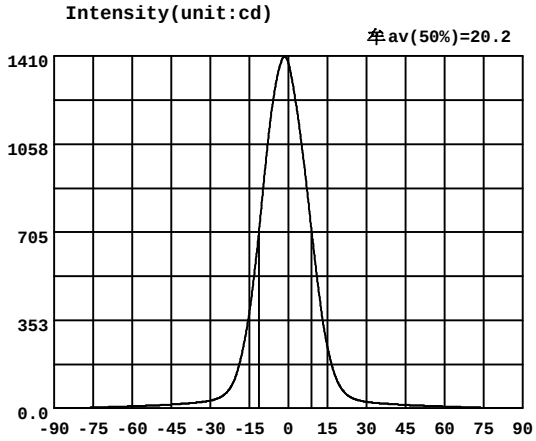
GO1900L GONIOPHOTOMETER Test Report





Intensity data:(deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	0.0557	-58.0	8.989	-26.0	45.03	6.0	991.4	38.0	18.29	70.0	3.796
-88.0	0.0697	-56.0	9.753	-24.0	59.71	8.0	808.5	40.0	16.90	72.0	3.164
-86.0	0.1252	-54.0	10.54	-22.0	85.57	10.0	621.6	42.0	15.53	74.0	2.574
-84.0	0.4170	-52.0	11.42	-20.0	131.9	12.0	452.0	44.0	14.40	76.0	1.975
-82.0	0.8755	-50.0	12.33	-18.0	206.3	14.0	307.7	46.0	13.23	78.0	1.426
-80.0	1.376	-48.0	13.40	-16.0	310.3	16.0	205.3	48.0	12.20	80.0	0.9203
-78.0	1.933	-46.0	14.60	-14.0	451.0	18.0	132.8	50.0	11.25	82.0	0.4939
-76.0	2.531	-44.0	15.90	-12.0	627.8	20.0	87.36	52.0	10.34	84.0	0.2611
-74.0	3.171	-42.0	17.33	-10.0	834.1	22.0	60.12	54.0	9.606	86.0	0.1764
-72.0	3.894	-40.0	18.85	-8.0	1044	24.0	44.69	56.0	8.809	88.0	0.1270
-70.0	4.658	-38.0	20.55	-6.0	1216	26.0	35.69	58.0	8.150	90.0	0.0620
-68.0	5.507	-36.0	22.44	-4.0	1337	28.0	30.15	60.0	7.368		
-66.0	6.259	-34.0	24.47	-2.0	1404	30.0	26.30	62.0	6.644		
-64.0	6.929	-32.0	27.09	0.0	1387	32.0	23.51	64.0	5.973		
-62.0	7.569	-30.0	30.78	2.0	1288	34.0	21.33	66.0	5.232		
-60.0	8.319	-28.0	36.35	4.0	1152	36.0	19.66	68.0	4.556		

Electricity Parameter:

Current I: 0.0370A Power: 7.628W

Voltage V: 229.4V PF: 0.876

Optical Parameter(Distance=3.000m):

Equivalent Luminous flux: 朴eff = 254.5lm Efficiency: Eff=33.37lm/W

Diffuse angle: @(25%): 28.5deg@(50%): 20.2deg@(75%): 13.0deg@(50%): 20.2deg

Diffuse angle: @(25%): 28.7deg@(50%): 20.4deg@(75%): 13.3deg@(50%): 20.4deg

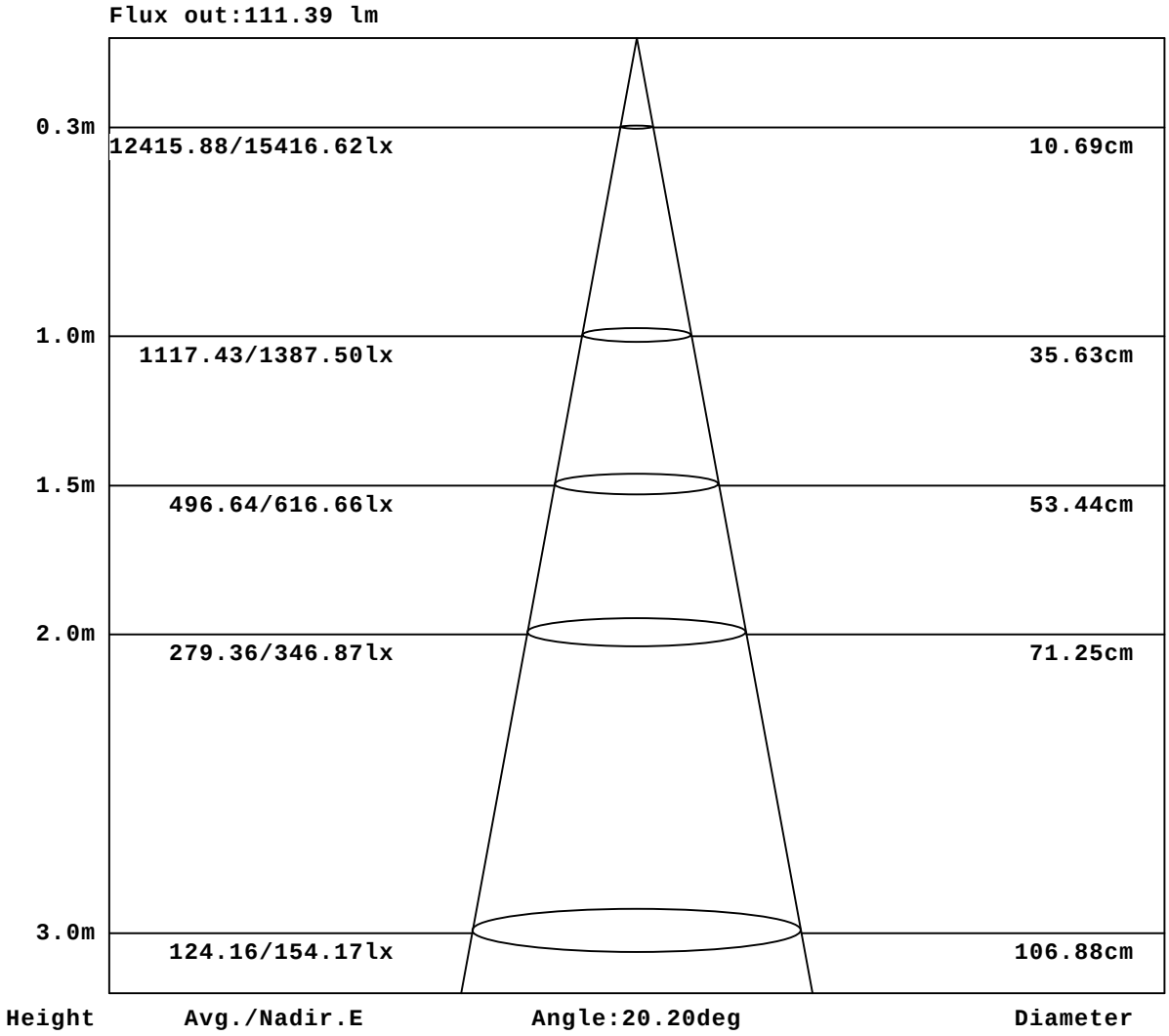
Imax=1407cd (C=0.0deg,G=-1.0deg) C0-180Plane Imax= 1407cd(G=-1.0deg)

C0-180Plane I0= 1387cd

Lamp Type:Westy spot
Tester:lujiansi
Temperature:25.3deg
Manufacturer:

Luminaires Type:
Test Date:2013-04-26
Humidity:65%
Remarks:Cree XML with HEP LIC9W500

Average Illuminance Figure



Lamp Type:Westy spot
Tester:lujiansi
Temperature:25.3deg
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Test Date:2013-04-26
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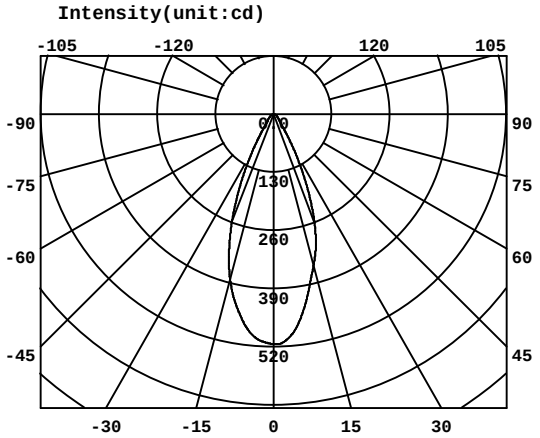
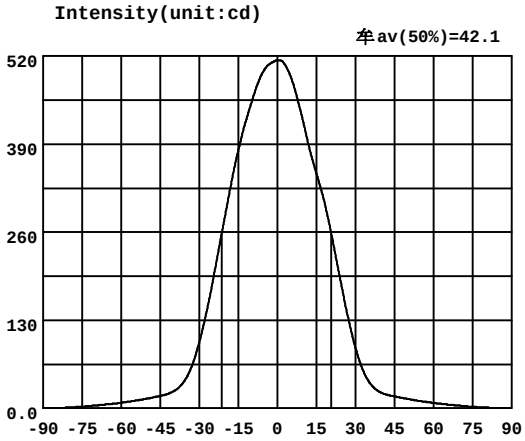




Intensity data:(deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	0.1951	-58.0	9.312	-26.0	162.5	6.0	481.5	38.0	27.82	70.0	3.999
-88.0	0.1394	-56.0	10.44	-24.0	202.2	8.0	454.2	40.0	23.22	72.0	3.323
-86.0	0.2920	-54.0	11.65	-22.0	243.6	10.0	423.5	42.0	20.28	74.0	2.671
-84.0	0.6121	-52.0	12.91	-20.0	284.3	12.0	390.5	44.0	18.50	76.0	2.090
-82.0	0.8217	-50.0	14.33	-18.0	324.5	14.0	361.8	46.0	16.91	78.0	1.604
-80.0	1.209	-48.0	15.83	-16.0	362.5	16.0	335.1	48.0	15.45	80.0	1.172
-78.0	1.709	-46.0	17.45	-14.0	395.0	18.0	307.4	50.0	14.03	82.0	0.7876
-76.0	2.129	-44.0	19.07	-12.0	424.3	20.0	273.5	52.0	12.70	84.0	0.5708
-74.0	2.739	-42.0	21.31	-10.0	449.6	22.0	234.7	54.0	11.28	86.0	0.2628
-72.0	3.531	-40.0	24.73	-8.0	473.9	24.0	195.5	56.0	10.17	88.0	0.2787
-70.0	4.198	-38.0	29.91	-6.0	492.6	26.0	156.8	58.0	9.116	90.0	0.2045
-68.0	4.910	-36.0	38.33	-4.0	504.7	28.0	121.6	60.0	8.116		
-66.0	5.673	-34.0	51.24	-2.0	510.7	30.0	91.00	62.0	7.082		
-64.0	6.329	-32.0	70.46	0.0	514.1	32.0	66.20	64.0	6.276		
-62.0	7.244	-30.0	96.27	2.0	512.4	34.0	47.73	66.0	5.425		
-60.0	8.242	-28.0	127.0	4.0	500.6	36.0	35.61	68.0	4.703		

Electricity Parameter:

Current I: 0.0370A Power: 7.732W

Voltage V: 229.4V PF: 0.888

Optical Parameter(Distance=3.000m):

Equivalent Luminous flux: 朴eff = 289.2lm Efficiency: Eff=37.42lm/W

Diffuse angle: @(25%): 55.4deg@(50%): 42.1deg@(75%): 26.9deg@(50%): 42.1deg

Diffuse angle: @(25%): 55.4deg@(50%): 42.1deg@(75%): 26.9deg@(50%): 42.1deg

Imax=514.1cd (C=0.0deg,G=0.0deg) C0-180Plane Imax= 514.1cd(G=0.0deg)

C0-180Plane I0= 514.1cd

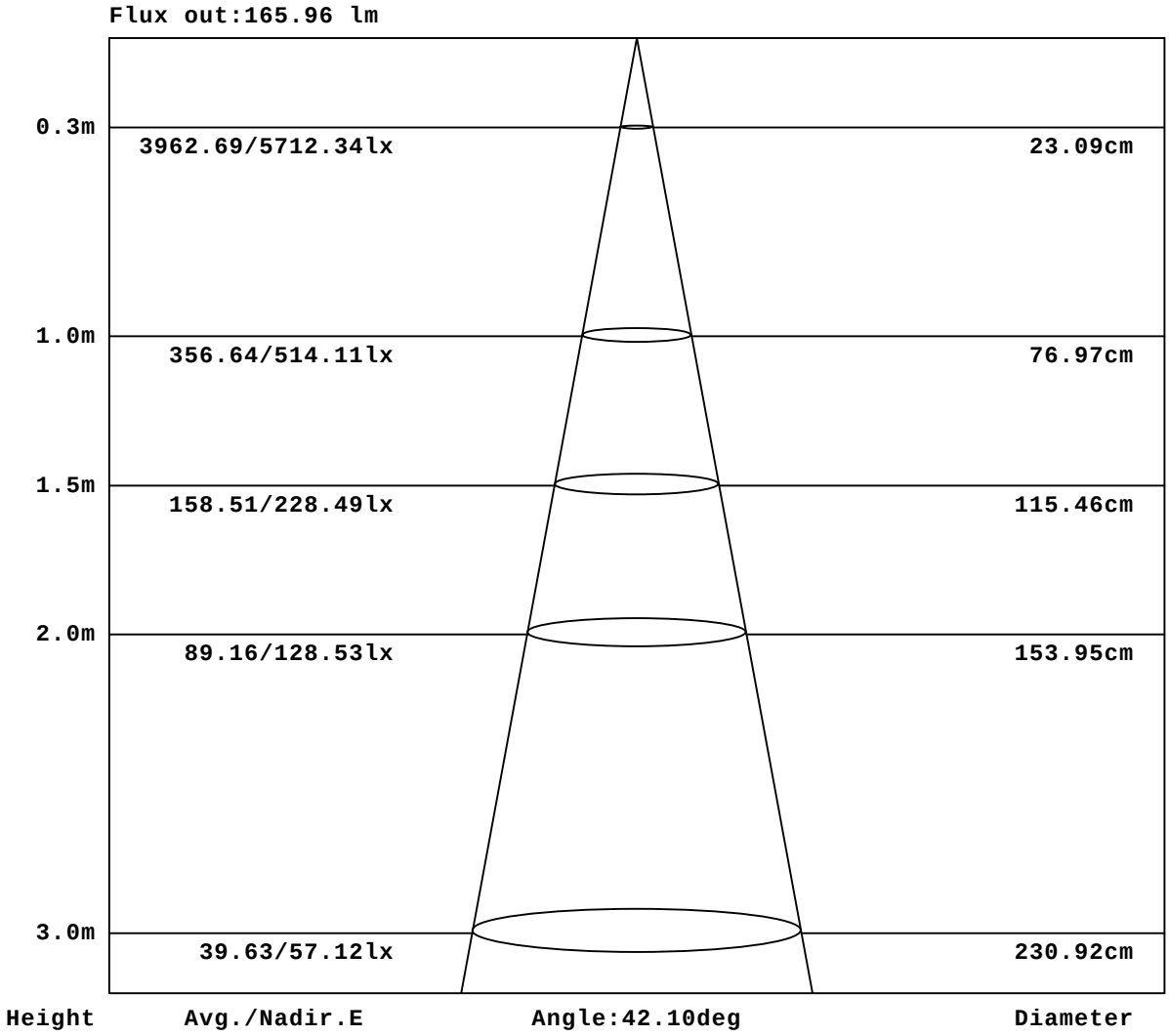
Lamp Type:Wetsy LED recessed ground light Luminaires Type:

Tester:lujiansi Test Date:2013-09-06

Temperature:25.3deg Humidity:65%

Manufacturer: Remarks:Cree XML with HEP LIC9W500

Average Illuminance Figure



Lamp Type:Wetsy LED recessed groun Luminaires Type:
Tester:lujiansi Test Date:2013-09-06
Temperature:25.3deg Humidity:65%
Manufacturer: Remarks:Cree XML with HEP LIC9W500