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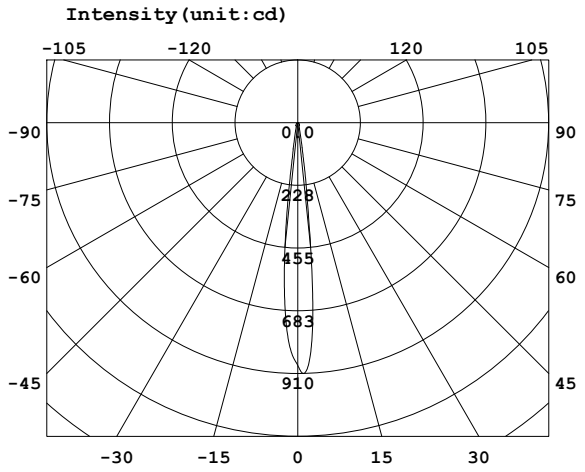
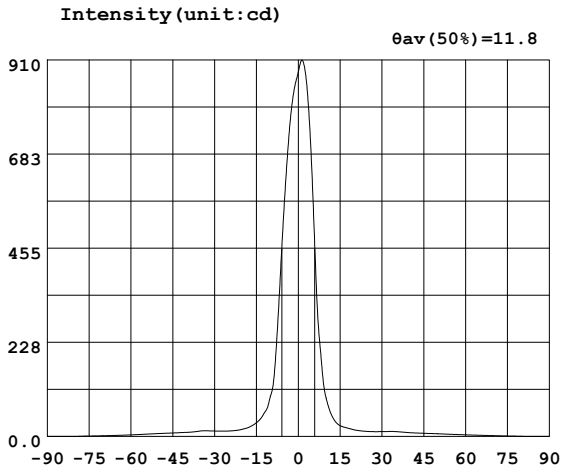
GO1900L GONIOPHOTOMETER Test Report





Intensity data:(deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	0.0	-58.0	4.413	-26.0	12.93	6.0	443.9	38.0	10.21	70.0	1.957
-88.0	0.0268	-56.0	5.060	-24.0	13.58	8.0	205.0	40.0	9.101	72.0	1.636
-86.0	0.0536	-54.0	5.787	-22.0	14.82	10.0	92.67	42.0	8.449	74.0	1.324
-84.0	0.1026	-52.0	6.439	-20.0	17.49	12.0	50.81	44.0	7.906	76.0	1.041
-82.0	0.1650	-50.0	7.065	-18.0	21.35	14.0	30.81	46.0	7.441	78.0	0.7702
-80.0	0.2631	-48.0	7.638	-16.0	28.41	16.0	23.40	48.0	7.003	80.0	0.5070
-78.0	0.6263	-46.0	8.148	-14.0	39.31	18.0	19.67	50.0	6.565	82.0	0.2191
-76.0	0.8963	-44.0	8.674	-12.0	58.76	20.0	16.11	52.0	5.999	84.0	0.1339
-74.0	1.141	-42.0	9.436	-10.0	97.15	22.0	13.89	54.0	5.441	86.0	0.0675
-72.0	1.413	-40.0	9.925	-8.0	204.0	24.0	12.55	56.0	4.926	88.0	0.0283
-70.0	1.708	-38.0	10.77	-6.0	443.7	26.0	11.77	58.0	4.406	90.0	0.0
-68.0	2.042	-36.0	12.35	-4.0	668.1	28.0	11.57	60.0	3.978		
-66.0	2.443	-34.0	13.79	-2.0	815.4	30.0	11.74	62.0	3.520		
-64.0	2.867	-32.0	13.53	0.0	880.3	32.0	11.94	64.0	3.112		
-62.0	3.317	-30.0	13.17	2.0	900.0	34.0	12.03	66.0	2.715		
-60.0	3.834	-28.0	12.97	4.0	761.1	36.0	11.32	68.0	2.331		

Electricity Parameter:

Current I: 0.1580A Power: 1.929W

Voltage V: 12.00V PF: 1.000

Optical Parameter(Distance=1.799m):

Equivalent Luminous flux: Φeff = 74.63lm Efficiency: Eff=38.69lm/W

Diffuse angle: @(25%): 15.3deg @(50%): 11.8deg @(75%): 8.4deg @(50%): 11.8deg

Diffuse angle: @(25%): 15.5deg @(50%): 12.0deg @(75%): 8.7deg @(50%): 12.0deg

Imax=907.6cd (C=0.0deg,G=1.0deg) C0-180Plane Imax= 907.6cd(G=1.0deg)

C0-180Plane I0= 880.3cd

Lamp Type:MR11-2700K-15DEG Luminaires Type:

Tester:Brilliance.led.llc Test Date:2020-07-06

Temperature:25.3deg Humidity:65%

Manufacturer:Brilliance.led.llc Remarks: