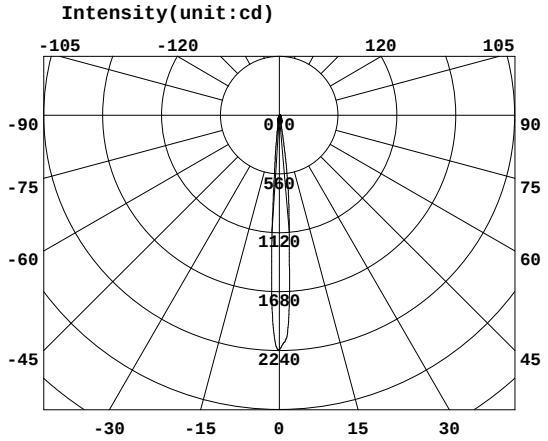
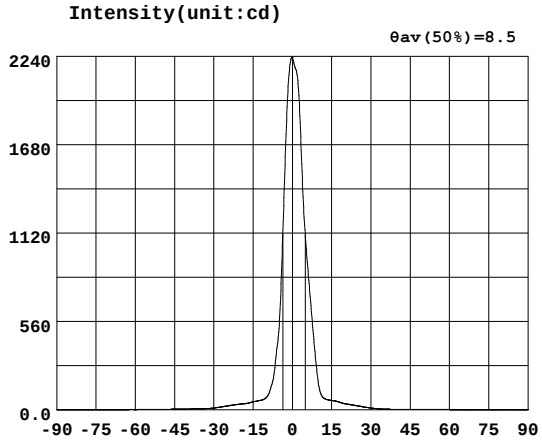
GO1900L GONIOPHOTOMETER Test Report





Intensity data:(deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	0.3943	-58.0	2.375	-26.0	22.31	6.0	879.8	38.0	3.865	70.0	1.494
-88.0	0.6431	-56.0	2.469	-24.0	27.61	8.0	482.7	40.0	3.538	72.0	1.548
-86.0	0.4984	-54.0	2.875	-22.0	32.27	10.0	163.7	42.0	3.451	74.0	1.369
-84.0	0.8085	-52.0	2.826	-20.0	36.74	12.0	74.65	44.0	3.369	76.0	1.349
-82.0	0.7056	-50.0	3.411	-18.0	40.19	14.0	62.53	46.0	3.286	78.0	1.099
-80.0	0.9132	-48.0	3.582	-16.0	46.86	16.0	57.77	48.0	3.264	80.0	1.141
-78.0	0.8918	-46.0	4.137	-14.0	54.90	18.0	49.10	50.0	2.935	82.0	0.9784
-76.0	1.120	-44.0	4.469	-12.0	61.55	20.0	39.43	52.0	2.777	84.0	0.7642
-74.0	1.180	-42.0	5.232	-10.0	78.06	22.0	33.94	54.0	2.448	86.0	0.6621
-72.0	1.613	-40.0	5.668	-8.0	153.8	24.0	28.28	56.0	2.379	88.0	0.5396
-70.0	1.490	-38.0	6.236	-6.0	376.8	26.0	22.74	58.0	2.072	90.0	0.0
-68.0	1.660	-36.0	6.717	-4.0	942.7	28.0	16.83	60.0	2.054		
-66.0	1.861	-34.0	7.463	-2.0	1918	30.0	12.10	62.0	1.654		
-64.0	1.911	-32.0	9.152	0.0	2232	32.0	8.275	64.0	1.660		
-62.0	2.070	-30.0	12.18	2.0	2104	34.0	6.024	66.0	1.481		
-60.0	1.995	-28.0	16.96	4.0	1387	36.0	4.508	68.0	1.672		

Electricity Parameter:

Current I: 0.0900A Power: 474.4W

Voltage V: 2.806V PF: 474.364

Optical Parameter(Distance=3.000m):

Equivalent Luminous flux: Φeff = 102.2lm Efficiency: Eff=0.22lm/W

Diffuse angle: @(25%): 12.5deg@(50%): 8.5deg @(75%): 5.8deg @(50%): 8.5deg

Diffuse angle: @(25%): 12.5deg@(50%): 8.5deg @(75%): 5.8deg @(50%): 8.5deg

Imax=2232cd (C=0.0deg,G=0.0deg) C0-180Plane Imax= 2232cd(G=0.0deg)

C0-180Plane I0= 2232cd

UnRegistered

Lamp Type:CREE-XP-3535-E2 Luminaires Type:

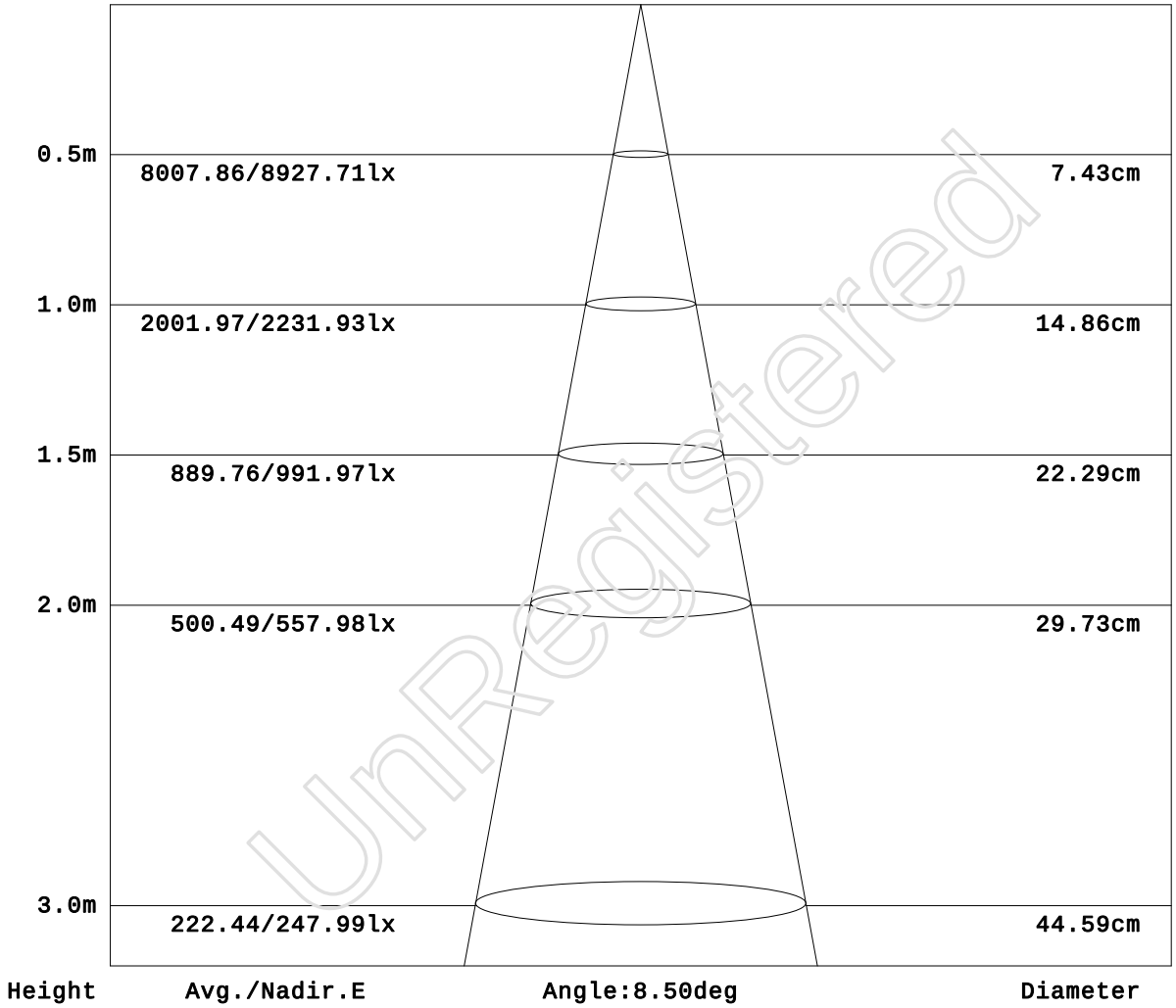
Tester:Damin Test Date:2018-08-16

Temperature:25.3deg Humidity:65%

Manufacturer:BRIGHTLX OPTICS Remarks:CREE-XP-3535-E2

Average Illuminance Figure

Flux out:34.73 lm



UnRegistered

Lamp Type:CREE-XP-3535-E2
Tester:Damin
Temperature:25.3deg
Manufacturer:BRIGHTLX OPTICS

Luminaires Type:
Test Date:2018-08-16
Humidity:65%
Remarks:CREE-XP-3535-E2