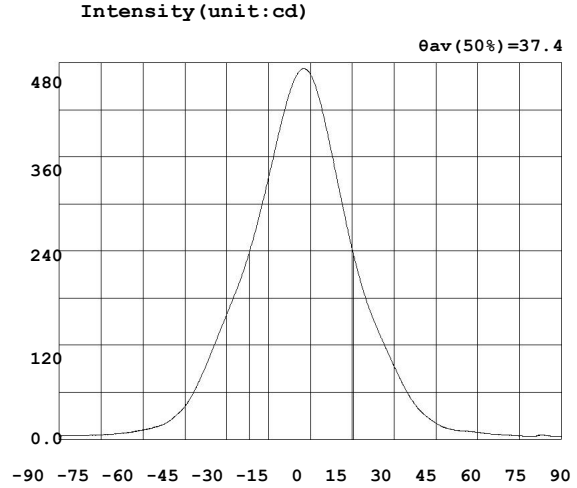
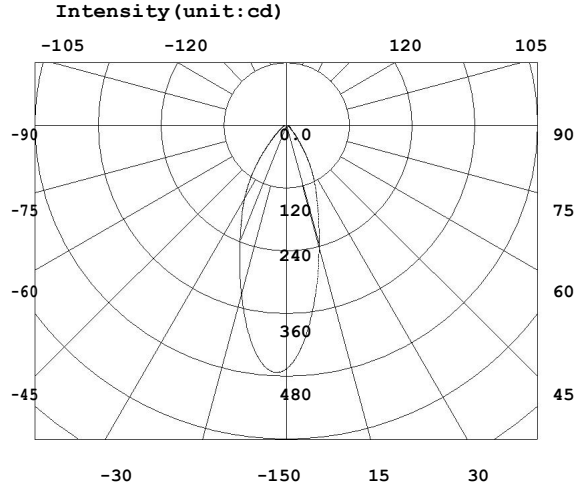


**GO1900L GONIOPHOTOMETER Test Report Page 1 Of 2**



Intensity data: (deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	4.192	-58.0	13.23	-26.0	194.5	6.0	392.5	38.0	42.12	70.0	5.433
-88.0	4.545	-56.0	15.34	-24.0	214.3	8.0	359.0	40.0	34.31	72.0	4.944
-86.0	4.627	-54.0	17.23	-22.0	236.9	10.0	324.5	42.0	28.18	74.0	4.467
-84.0	4.669	-52.0	20.23	-20.0	261.7	12.0	290.2	44.0	23.04	76.0	4.064
-82.0	4.752	-50.0	24.88	-18.0	289.3	14.0	257.7	46.0	18.66	78.0	3.749
-80.0	4.793	-48.0	31.03	-16.0	318.2	16.0	228.1	48.0	15.15	80.0	3.694
-78.0	5.102	-46.0	37.73	-14.0	348.1	18.0	201.4	50.0	13.03	82.0	5.202
-76.0	5.393	-44.0	46.84	-12.0	379.1	20.0	177.9	52.0	11.57	84.0	5.051
-74.0	5.785	-42.0	58.84	-10.0	408.8	22.0	158.3	54.0	10.61	86.0	4.108
-72.0	6.262	-40.0	73.28	-8.0	435.2	24.0	140.8	56.0	10.14	88.0	3.611
-70.0	6.841	-38.0	89.16	-6.0	456.1	26.0	124.5	58.0	9.525	90.0	3.680
-68.0	7.442	-36.0	106.3	-4.0	469.1	28.0	108.7	60.0	8.803		
-66.0	8.206	-34.0	124.0	-2.0	472.2	30.0	93.25	62.0	7.755		
-64.0	9.218	-32.0	141.6	0.0	465.4	32.0	78.31	64.0	6.950		
-62.0	10.63	-30.0	159.1	2.0	448.5	34.0	64.43	66.0	6.340		
-60.0	11.89	-28.0	176.7	4.0	423.4	36.0	52.13	68.0	5.818		

**Electricity Parameter:**

Current I: 0.1580A      Power: 0.0W  
Voltage V: 36.29V      PF: 0.000

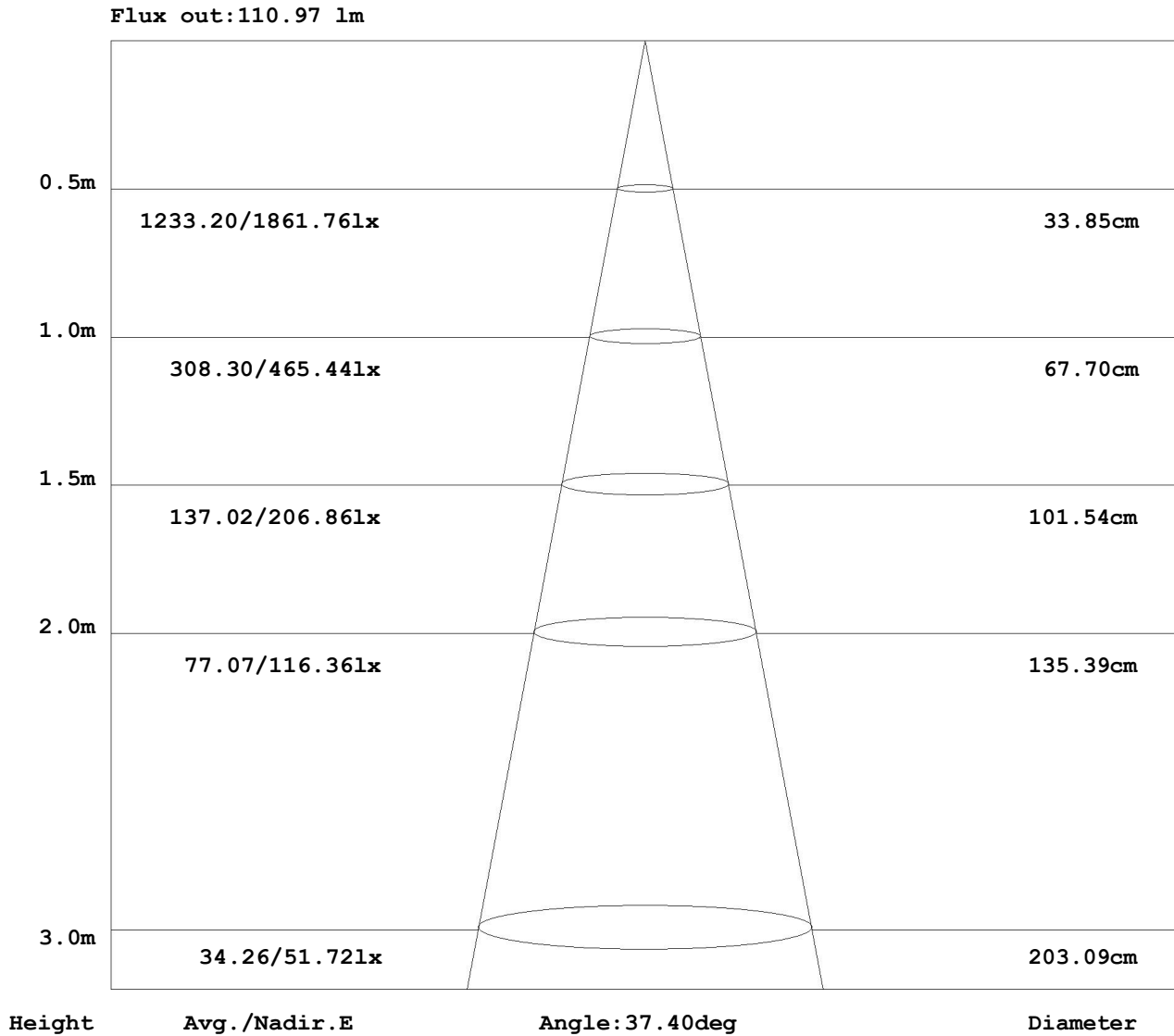
**Optical Parameter (Distance=3.000m):**

Equivalent Luminous flux:  $\Phi_{eff} = 306.2lm$       Efficiency:  $Eff=0.00lm/W$   
Diffuse angle:      @ (25%): 61.4deg   @ (50%): 37.4deg   @ (75%): 21.8deg   @ (50%): 37.4deg  
Diffuse angle:      @ (25%): 61.8deg   @ (50%): 37.9deg   @ (75%): 22.4deg   @ (50%): 37.9deg  
Imax=472.2cd (C=0.0deg,G=-2.0deg)      C0-180Plane Imax= 472.2cd(G=-2.0deg)  
C0-180Plane I0= 465.4cd

Lamp Type: COB LENS  
Tester: ASAHI  
Temperature: 25.3deg  
Manufacturer: ASAHI

Luminaires Type: LUMILEDS  
Test Date: 2016-08-04  
Humidity: 65%  
Remarks: APCOB3598D38G

**Average Illuminance Figure**



Lamp Type: COB LENS  
 Tester: ASAHI  
 Temperature: 25.3deg  
 Manufacturer: ASAHI

Luminaires Type: LUMILEDS  
 Test Date: 2016-08-04  
 Humidity: 65%  
 Remarks: APCOB3598D38G