



Intensity data:(deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	0.0179	-58.0	6.140	-26.0	15.47	6.0	755.6	38.0	10.70	70.0	3.260
-88.0	0.0313	-56.0	6.925	-24.0	17.18	8.0	554.0	40.0	10.56	72.0	2.701
-86.0	0.0268	-54.0	7.644	-22.0	21.74	10.0	376.0	42.0	10.47	74.0	2.143
-84.0	0.0313	-52.0	8.314	-20.0	31.50	12.0	238.4	44.0	10.17	76.0	1.494
-82.0	0.0534	-50.0	9.374	-18.0	50.05	14.0	142.5	46.0	9.737	78.0	0.9849
-80.0	0.5461	-48.0	10.14	-16.0	86.10	16.0	77.44	48.0	9.172	80.0	0.4672
-78.0	1.037	-46.0	10.76	-14.0	143.2	18.0	45.98	50.0	8.571	82.0	0.0776
-76.0	1.564	-44.0	10.99	-12.0	244.7	20.0	29.81	52.0	8.035	84.0	0.0482
-74.0	2.126	-42.0	10.98	-10.0	391.0	22.0	21.34	54.0	7.356	86.0	0.0333
-72.0	2.649	-40.0	10.72	-8.0	568.7	24.0	17.22	56.0	6.810	88.0	0.0392
-70.0	3.175	-38.0	11.29	-6.0	775.6	26.0	15.15	58.0	6.294	90.0	0.0323
-68.0	3.663	-36.0	12.57	-4.0	974.3	28.0	14.08	60.0	5.803		
-66.0	4.127	-34.0	13.94	-2.0	1116	30.0	13.17	62.0	5.330		
-64.0	4.583	-32.0	14.95	0.0	1165	32.0	12.16	64.0	4.809		
-62.0	5.082	-30.0	15.30	2.0	1107	34.0	11.25	66.0	4.280		
-60.0	5.596	-28.0	15.15	4.0	962.0	36.0	10.91	68.0	3.768		

### Electricity Parameter:

Current I: 0.1580A Power: 1.929W  
Voltage V: 12.00V PF: 1.000

### Optical Parameter(Distance=1.799m):

Equivalent Luminous flux:  $\Phi_{eff} = 138.2lm$  Efficiency:  $Eff = 71.65lm/W$

Diffuse angle: @ (25%): 22.4deg @ (50%): 15.5deg @ (75%): 9.8deg @ (10%): 29.3deg

Diffuse angle: @ (25%): 22.4deg @ (50%): 15.5deg @ (75%): 9.8deg @ (10%): 29.3deg

$I_{max} = 1165cd$  (C=0.0deg, G=0.0deg)

C0-180Plane  $I_{max} = 1165cd$  (G=0.0deg)

C0-180Plane  $I_0 = 1165cd$

Lamp Type: AR11-2700K-30DEG  
Tester: Brilliance.led.llc  
Temperature: 25.3deg  
Manufacturer: Brilliance.led.llc

Luminaires Type:  
Test Date: 2020-07-06  
Humidity: 65%  
Remarks: