



Intensity data:(deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	0.0650	-58.0	3.111	-26.0	30.93	6.0	146.0	38.0	8.323	70.0	1.226
-88.0	0.1206	-56.0	3.509	-24.0	38.26	8.0	136.8	40.0	7.272	72.0	0.9757
-86.0	0.1901	-54.0	3.930	-22.0	47.06	10.0	125.5	42.0	6.506	74.0	0.7717
-84.0	0.2735	-52.0	4.379	-20.0	57.24	12.0	112.5	44.0	5.916	76.0	0.6167
-82.0	0.3754	-50.0	4.855	-18.0	68.76	14.0	97.94	46.0	5.405	78.0	0.4823
-80.0	0.4820	-48.0	5.350	-16.0	80.27	16.0	82.63	48.0	4.957	80.0	0.3665
-78.0	0.6069	-46.0	5.874	-14.0	94.09	18.0	67.83	50.0	4.520	82.0	0.2735
-76.0	0.7460	-44.0	6.447	-12.0	106.8	20.0	54.52	52.0	4.113	84.0	0.1890
-74.0	0.9125	-42.0	7.134	-10.0	118.9	22.0	43.47	54.0	3.717	86.0	0.1149
-72.0	1.088	-40.0	8.034	-8.0	129.3	24.0	34.62	56.0	3.344	88.0	0.0562
-70.0	1.305	-38.0	9.243	-6.0	138.1	26.0	27.54	58.0	3.013	90.0	0.0099
-68.0	1.564	-36.0	10.88	-4.0	145.5	28.0	21.97	60.0	2.752		
-66.0	1.911	-34.0	13.11	-2.0	150.5	30.0	17.63	62.0	2.640		
-64.0	2.181	-32.0	16.09	0.0	153.4	32.0	14.23	64.0	2.449		
-62.0	2.413	-30.0	19.91	2.0	153.7	34.0	11.65	66.0	1.899		
-60.0	2.745	-28.0	24.86	4.0	151.3	36.0	9.758	68.0	1.496		

Electricity Parameter:

Current I: 0.1660A Power: 1.990W
Voltage V: 12.0V PF: 1.000

Optical Parameter(Distance=1.797m):

Equivalent Luminous flux: $\Phi_{\text{eff}} = 70.94\text{lm}$ Efficiency: $\text{Eff} = 35.64\text{lm/W}$

Diffuse angle: @ (25%): 46.9deg @ (50%): 33.3deg @ (75%): 22.0deg @ (50%): 33.3deg

Diffuse angle: @ (25%): 46.9deg @ (50%): 33.3deg @ (75%): 22.2deg @ (50%): 33.3deg

$I_{\text{max}} = 154.0\text{cd}$ (C=0.0deg, G=1.0deg)

C0-180Plane $I_{\text{max}} = 154.0\text{cd}$ (G=1.0deg)

C0-180Plane $I_0 = 153.4\text{cd}$

Lamp Type:MR11-2700K-30DEG
Tester:Brilliance.led.llc
Temperature:25.3deg
Manufacturer:Brilliance.led.llc

Luminaires Type:
Test Date:2020-12-04
Humidity:65%
Remarks: