

Luminous Intensity Distribution Test Report

Product Characteristics

Product Type:E8R-4000K

Manufacture:E-LITELIGHTING

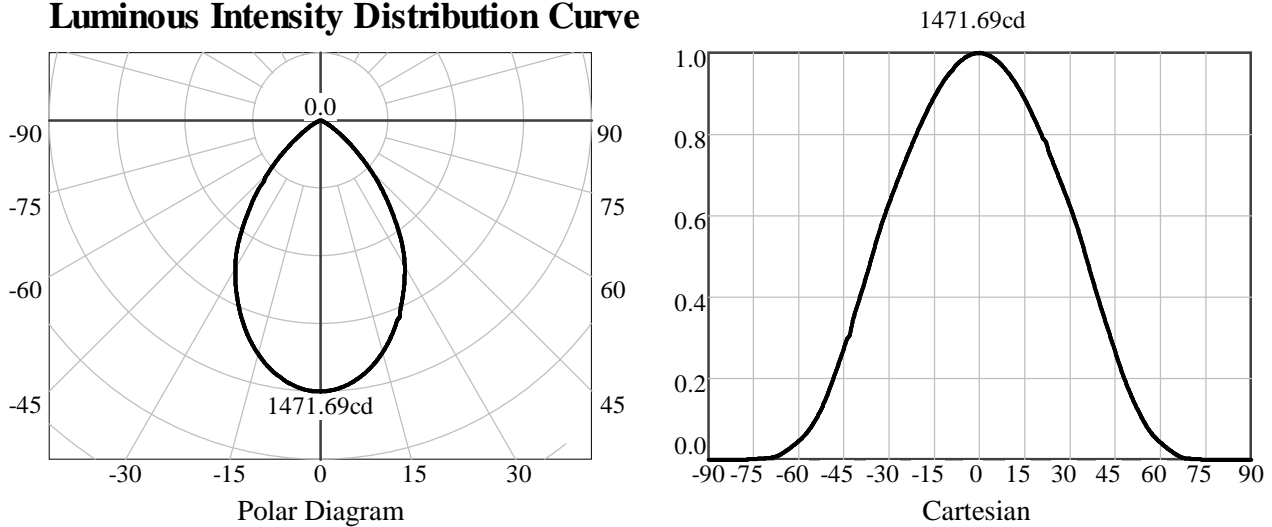
Temperature:24.6°C

Humidity:50%

Operator:Chengpei.Cao

Test date:2012-04-11

Luminous Intensity Distribution Curve



Electrical Parameter

Voltage:36.2 V

Current:0.950 A

Power:34.39 W

PF:0.000

Optical Parameter

Max Intensity:1471.69 cd

Central Intensity: 1471.69 cd

Averaged Intensity(50%):1202.59 cd

Equivalent Flux:1920.5 lm

Misalign Angle:0.0deg

Diffuse Angle (Deg): 10%: 108.4 25%: 91.8 50%: 71.0 75%: 47.1

Instrument Status

Scan Interval: 1.0deg

Gain: x10

Dark Current: 0

Max Signal: 5106

Test Distance: 1.000 m

TABLE:_____

AUDIT:_____

APPROVE:_____

Illuminance at a Distance

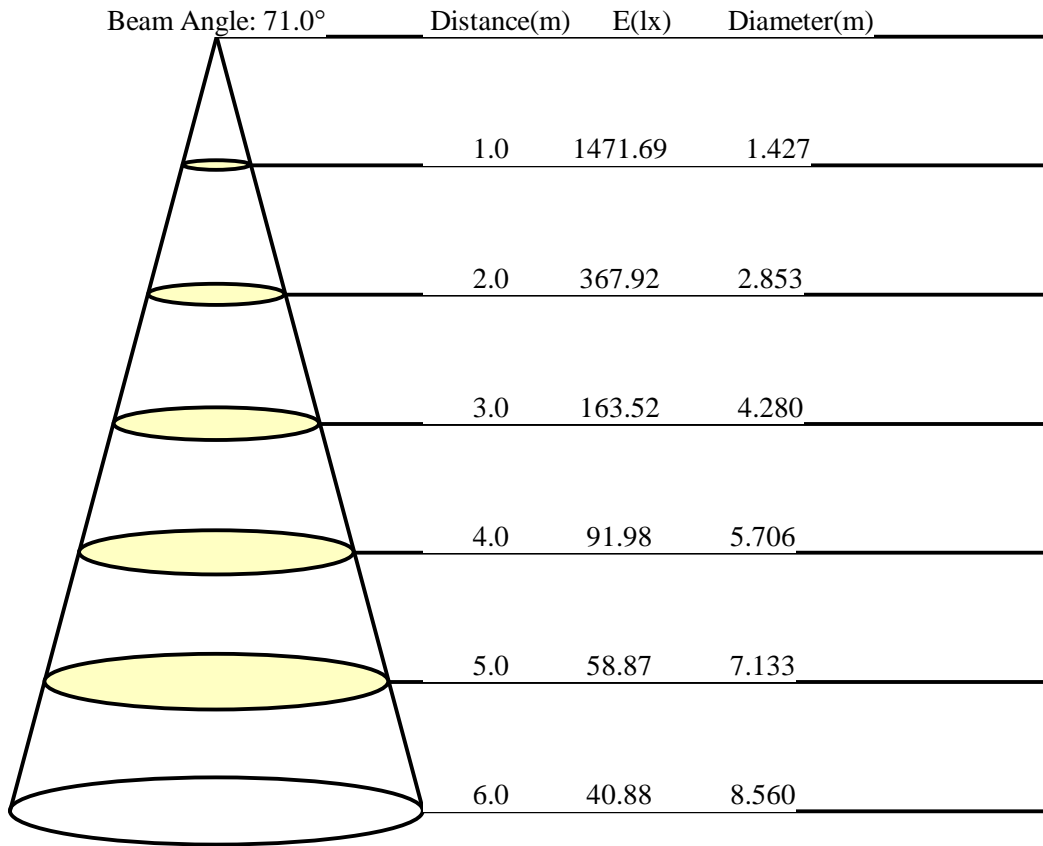


TABLE: _____

AUDIT: _____

APPROVE: _____

Luminous Intensity data

Angle	Intensity(cd)	Angle	Intensity(cd)	Angle	Intensity(cd)	Angle	Intensity(cd)	Angle	Intensity(cd)
-90.0	0.00	-89.0	0.00	-88.0	0.00	-87.0	0.00	-86.0	0.00
-85.0	0.00	-84.0	0.00	-83.0	0.29	-82.0	0.58	-81.0	0.86
-80.0	1.15	-79.0	2.02	-78.0	2.31	-77.0	2.59	-76.0	3.17
-75.0	4.32	-74.0	5.19	-73.0	6.05	-72.0	6.92	-71.0	7.21
-70.0	9.22	-69.0	11.24	-68.0	14.99	-67.0	20.18	-66.0	27.38
-65.0	34.59	-64.0	42.37	-63.0	50.73	-62.0	59.38	-61.0	68.60
-60.0	78.40	-59.0	89.93	-58.0	102.32	-57.0	117.89	-56.0	134.31
-55.0	152.76	-54.0	173.23	-53.0	196.28	-52.0	221.94	-51.0	249.61
-50.0	279.58	-49.0	309.56	-48.0	340.40	-47.0	371.81	-46.0	404.10
-45.0	438.11	-44.0	451.94	-43.0	508.15	-42.0	543.02	-41.0	578.19
-40.0	612.20	-39.0	648.23	-38.0	685.41	-37.0	723.45	-36.0	762.08
-35.0	799.55	-34.0	835.29	-33.0	868.43	-32.0	899.85	-31.0	929.25
-30.0	958.07	-29.0	987.47	-28.0	1015.72	-27.0	1043.39	-26.0	1071.34
-25.0	1098.44	-24.0	1125.53	-23.0	1151.47	-22.0	1177.12	-21.0	1201.91
-20.0	1226.41	-19.0	1249.47	-18.0	1271.66	-17.0	1292.99	-16.0	1313.17
-15.0	1332.77	-14.0	1350.93	-13.0	1368.22	-12.0	1384.36	-11.0	1398.77
-10.0	1409.72	-9.0	1424.71	-8.0	1435.67	-7.0	1444.89	-6.0	1453.54
-5.0	1460.16	-4.0	1465.35	-3.0	1469.10	-2.0	1470.54	-1.0	1471.69
0.0	1469.96	1.0	1467.08	2.0	1462.76	3.0	1457.28	4.0	1449.50
5.0	1441.43	6.0	1431.34	7.0	1419.52	8.0	1406.55	9.0	1393.01
10.0	1377.44	11.0	1361.01	12.0	1343.14	13.0	1324.12	14.0	1304.23
15.0	1282.90	16.0	1261.00	17.0	1237.65	18.0	1214.02	19.0	1188.94
20.0	1163.58	21.0	1149.74	22.0	1111.70	23.0	1085.18	24.0	1057.22
25.0	1029.84	26.0	1001.88	27.0	974.21	28.0	945.39	29.0	917.14
30.0	886.01	31.0	854.31	32.0	820.87	33.0	783.98	34.0	745.65
35.0	707.31	36.0	668.98	37.0	631.80	38.0	595.77	39.0	560.60
40.0	526.02	41.0	491.72	42.0	458.57	43.0	424.56	44.0	390.26
45.0	356.25	46.0	323.97	47.0	293.70	48.0	265.75	49.0	239.52
50.0	215.02	51.0	191.96	52.0	169.19	53.0	148.73	54.0	128.84
55.0	111.26	56.0	96.27	57.0	83.87	58.0	72.35	59.0	63.12
60.0	53.61	61.0	44.68	62.0	36.32	63.0	28.53	64.0	21.04
65.0	15.28	66.0	9.80	67.0	6.63	68.0	5.48	69.0	4.61
70.0	3.75	71.0	3.17	72.0	2.59	73.0	2.02	74.0	1.15
75.0	1.44	76.0	0.58	77.0	0.29	78.0	0.29	79.0	0.00
80.0	0.00	81.0	0.00	82.0	0.00	83.0	0.00	84.0	0.00
85.0	0.00	86.0	0.00	87.0	0.00	88.0	0.00	89.0	0.00
90.0	0.00								

TABLE: _____

AUDIT: _____

APPROVE: _____