

LP-COB30B

Measured Parameters	U:216.6 v, I:221.0 mA, P:29.1 W, PF:0.61, Measured Flux: 2203.73 lm				
Name	LP-COB30B	Description	LP-COB30B	Weight(kg)	
Profile Size		Model	LP-COB30B	Test ID	001
Manufacturer:	Liper	Luminescence		Protection Angle(°)	

Light Source Data		Photometric Data			
Model	LP-COB30B	Peak Value(cd)	1671.39	η Roadside Upwards(%)	0.00
Nominal Power(w)	30	Total Flux(lm)	2203.73	η Roadside Downwards(%)	52.25
Rated Voltage(v)	220	Peak Value Positon(C, y)	0.0,7.0	η Houseside Upwards(%)	0.00
Rated Flux(lm)		Upward Ratio(%)	0.00	η Houseside Downwards(%)	47.75
Source Number		Downward Ratio(%)	100.00	Aver Lux(lx)	7.2
Measured Voltage(v)	217.5	Light efficient(lm/w)		75.5	

Glare Evaluation		γ=90° (cd/klm)	0.0	γ=80° (cd/klm)	0.0
Peak Light γ:(C0)	7.0	Peak Light(cd)Overall	1671.4	Lamps Type	No match

Test Area : Hemispherical

Distance(m) : 7

C interval(°) : 30

γ interval(°) : 0.5

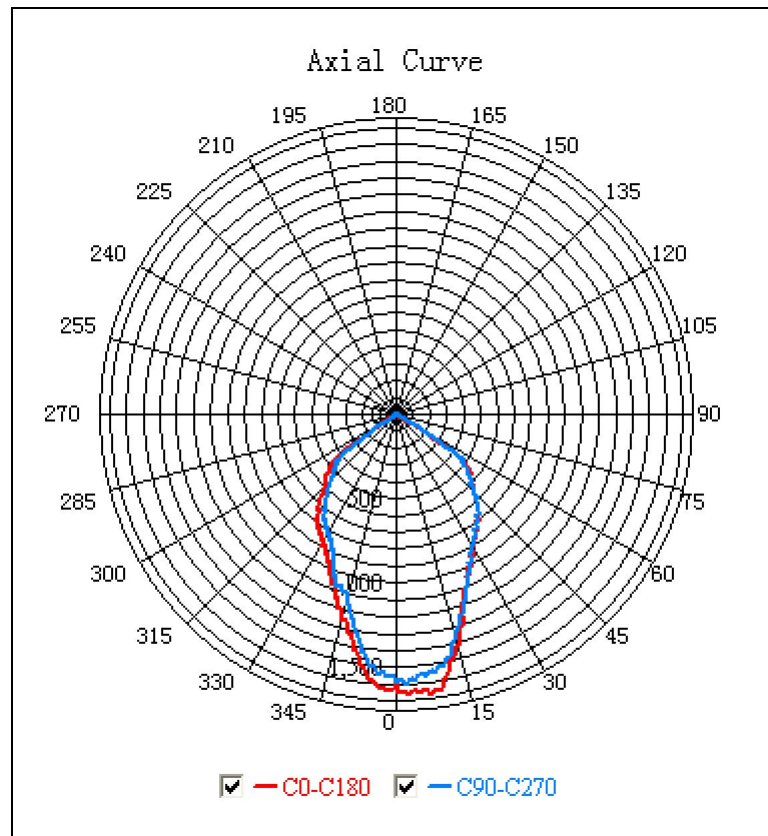
Temperature(°C) : 35

Humidity(%) : 55

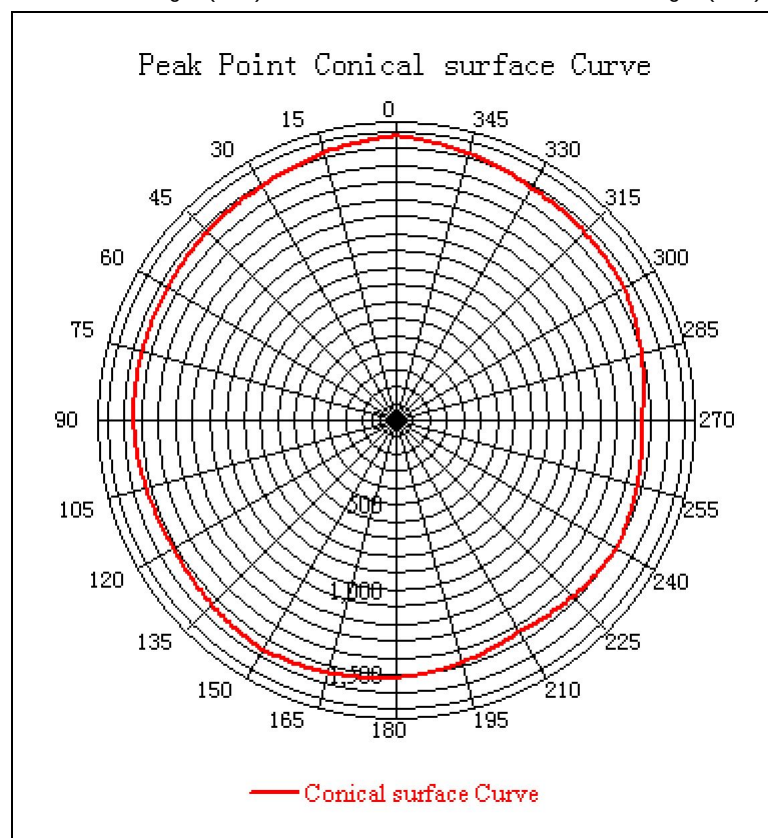
Tester : zyg

Date : 2018-5-3 19:31:05

Remark :



Vertical beam angle(50%): 69.1 Horizontal beam angle(50%): 68.5

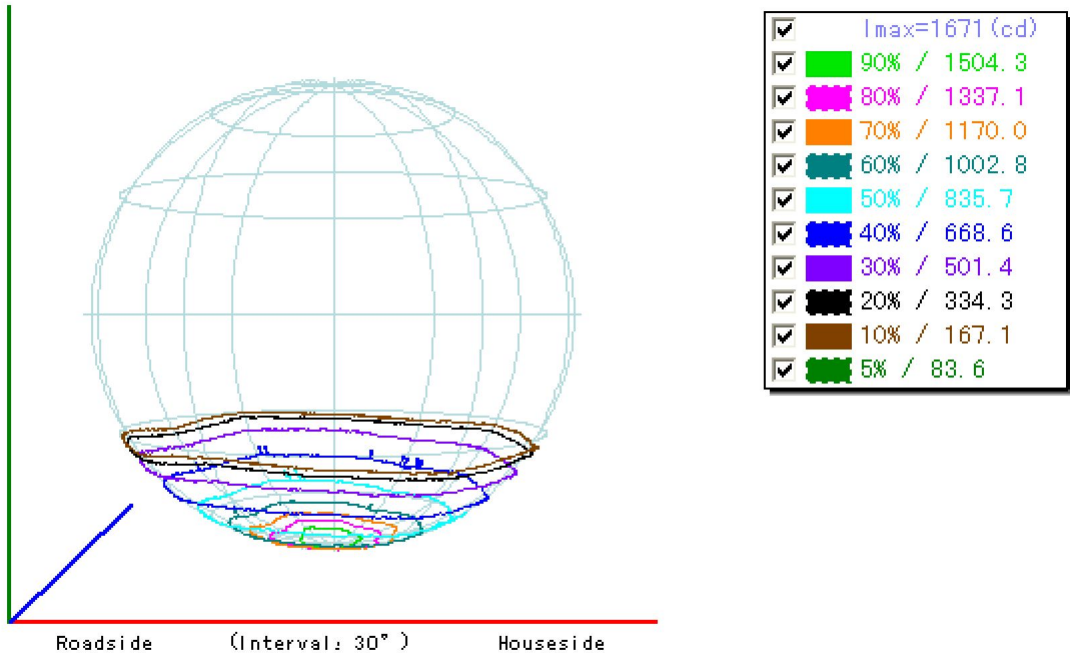


C-plane : 0.0 y Angle : 7.0

Test Area :	Hemispherical	Distance(m) :	7
C interval(°) :	30	y interval(°) :	0.5
Temperature(°C) :	35	Humidity(%) :	55
Tester :	zxg	Date :	2018-5-3 19:31:05
Remark :			

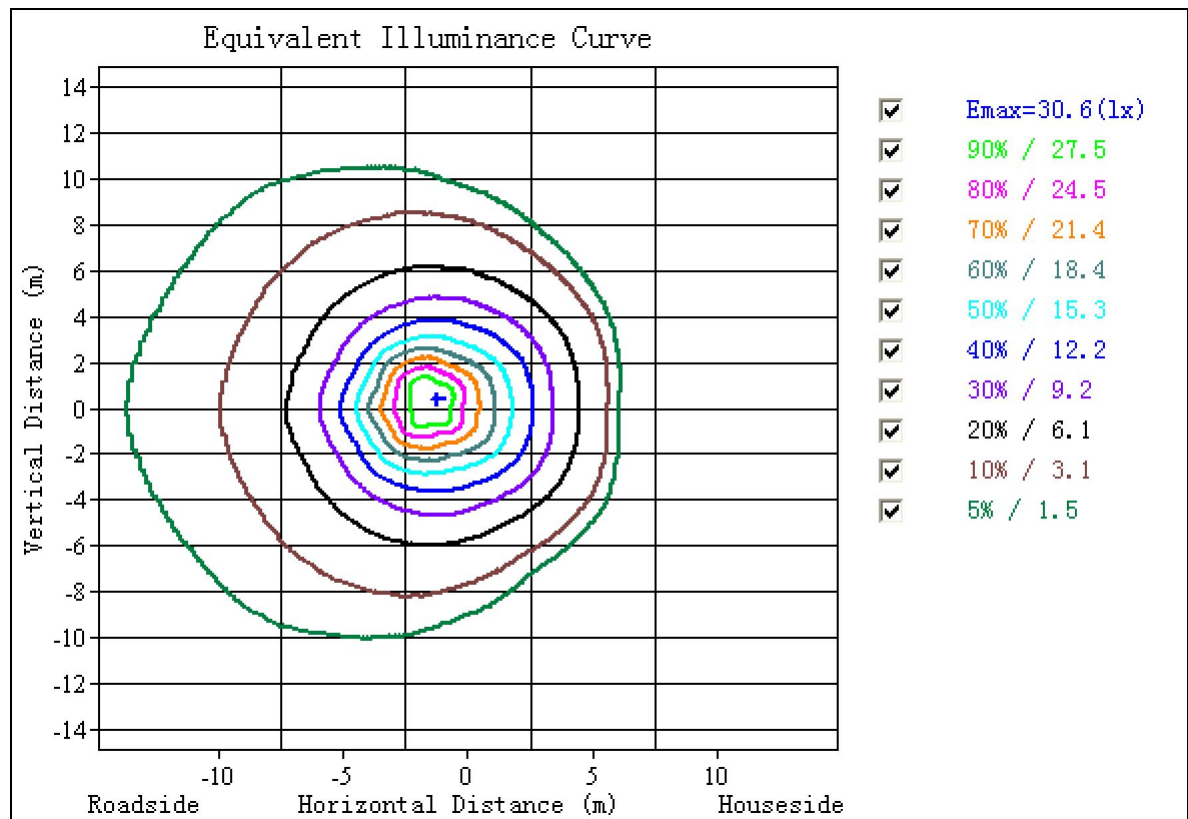
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Equivalent Light Intensity Curve



Test Area :	Hemispherical	Distance(m) :	7
C interval(°) :	30	y interval(°) :	0.5
Temperature(°C) :	35	Humidity(%) :	55
Tester :	zxg	Date :	2018-5-3 19:31:05
Remark :			

Plane Equivalent Illuminance Curve

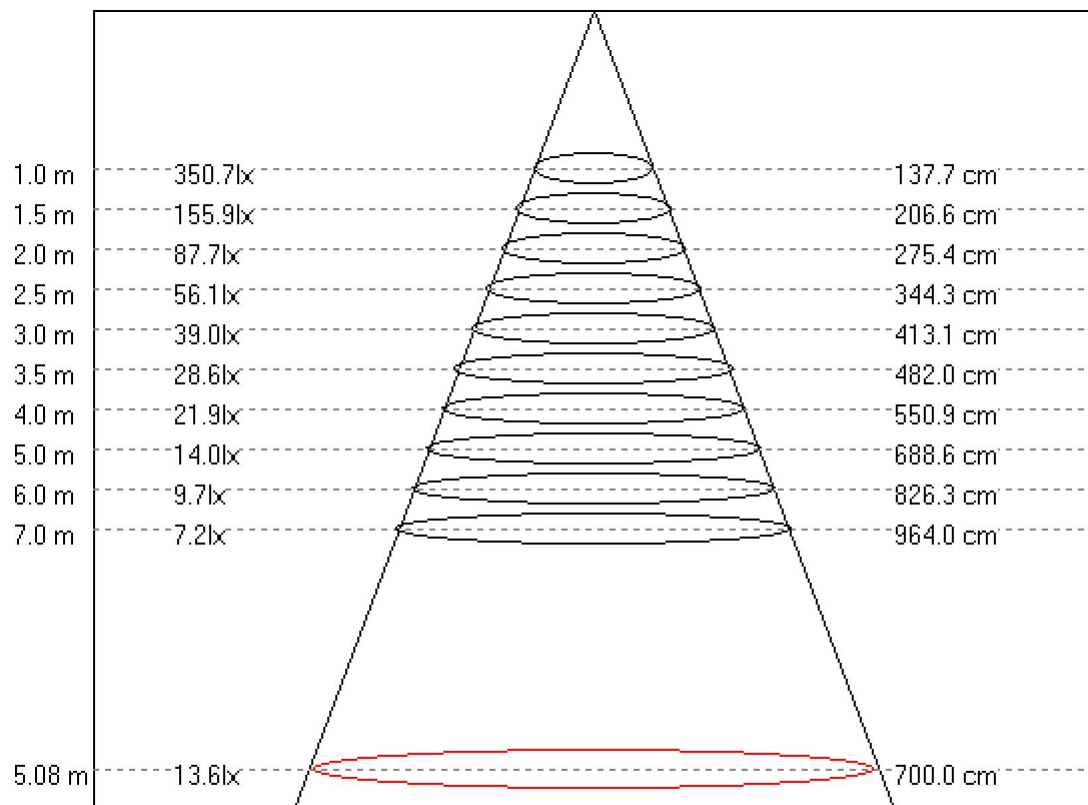


Fixed Height(m) : 7

Fixed Angle(°) : 15

Test Area :	Hemispherical	Distance(m) :	7
C interval(°) :	30	y interval(°) :	0.5
Temperature(°C) :	35	Humidity(%) :	55
Tester :	zxg	Date :	2018-5-3 19:31:05
Remark :			

Aver Lux



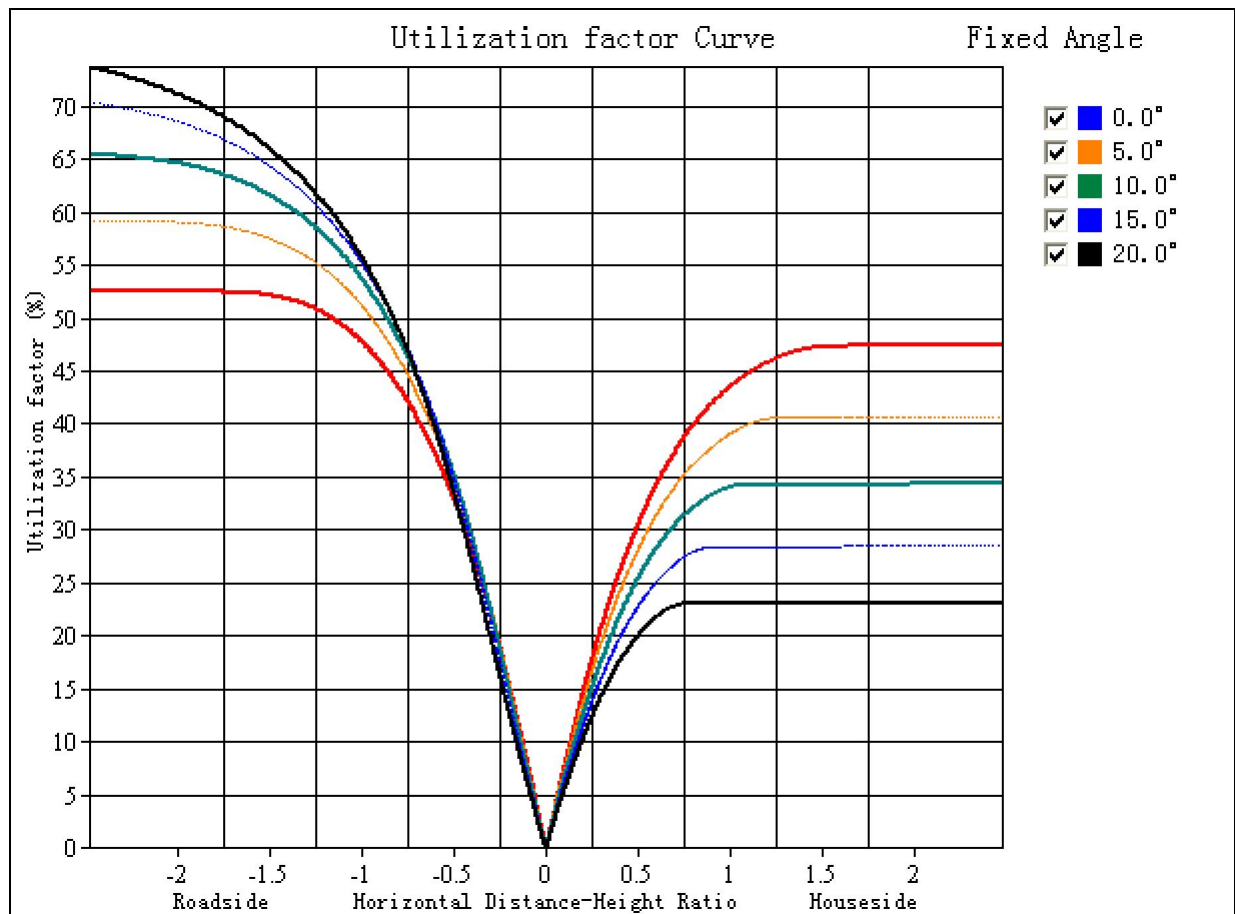
Height(M) Lux(lx) Vertical beam angle(50%): Horizontal beam angle(50%): Spot Diameter(cm)

69.1 ° 68.5 °

Test Area : Hemispherical
 C interval(°) : 30
 Temperature(°C) : 35
 Tester : zyg
 Remark :

Distance(m) : 7
 y interval(°) : 0.5
 Humidity(%) : 55
 Date : 2018-5-3 19:31:05

Lamps Utilization factor Curve



Test Area : Hemispherical

Distance(m) : 7

C interval(°) : 30

γ interval(°) : 0.5

Temperature(°C) : 35

Humidity(%) : 55

Tester : zyg

Date : 2018-5-3 19:31:05

Remark :

Lamps Circular Ring-shaped Flux

$\gamma / I(\text{cd}) \backslash C(^{\circ})$	0	45	90	135	180	225	270	315	γ Range	ϕ Ring(lm)	ϕ Total(lm)
5	1660	1589	1551	1556	1583	1521	1504	1584	0-5	37.77	37.77
10	1620	1551	1510	1454	1416	1360	1326	1473	5-10	108.65	146.42
15	1407	1351	1358	1254	1236	1166	1118	1267	10-15	160.97	307.39
20	1183	1156	1179	1109	1076	1030	1034	1088	15-20	194.29	501.68
25	1018	999	1034	974	961	899	885	939	20-25	215.23	716.91
30	899	906	890	844	859	828	823	856	25-30	229.44	946.35
35	831	826	831	785	820	760	752	785	30-35	243.44	1189.79
40	769	744	769	718	715	652	653	699	35-40	250.48	1440.27
45	662	642	645	617	586	559	535	607	40-45	243.51	1683.78
50	569	567	569	525	512	482	474	517	45-50	227.69	1911.47
55	494	428	475	366	317	240	199	413	50-55	202.85	2114.32
60	43.5	71.7	72.4	23.4	0.00	3.23	3.77	18.5	55-60	82.33	2196.65
65	0.83	0.00	0.00	3.48	0.00	0.56	7.15	0.00	60-65	3.53	2200.18
70	0.00	0.00	0.00	0.54	0.00	0.00	6.17	0.00	65-70	0.84	2201.02
75	0.00	0.00	0.00	0.00	1.27	0.00	0.00	6.03	70-75	0.70	2201.72
80	0.00	0.00	0.00	0.00	3.38	0.00	0.00	5.78	75-80	0.68	2202.40
85	0.00	1.05	0.00	0.00	2.60	0.00	0.00	5.51	80-85	0.67	2203.07
90	0.00	2.08	0.00	0.00	1.67	2.45	0.44	2.82	85-90	0.66	2203.73
95									90-95		
100									95-100		
105									100-105		
110									105-110		
115									110-115		
120									115-120		
125									120-125		
130									125-130		
135									130-135		
140									135-140		
145									140-145		
150									145-150		
155									150-155		
160									155-160		
165									160-165		
170									165-170		
175									170-175		
180									175-180		

Test Area : Hemispherical

Distance(m) : 7

C interval(°) : 30

 γ interval(°) : 0.5

Temperature(°C) : 35

Humidity(%) : 55

Tester : zxcg

Date : 2018-5-3 19:31:05

Remark :

Lamps Light Intensity Distribution Data

$\gamma / I(\text{cd}) \backslash C(^{\circ})$	0	30	60	90	120	150	180	210	240	270	300	330
0	1595	1595	1595	1595	1595	1595	1595	1595	1595	1595	1595	1595
5	1660	1600	1578	1551	1534	1579	1583	1518	1524	1504	1557	1610
10	1620	1607	1494	1510	1432	1477	1416	1304	1416	1326	1476	1470
15	1407	1439	1264	1358	1236	1273	1236	1132	1201	1118	1263	1271
20	1183	1217	1096	1179	1061	1156	1076	1011	1049	1034	1092	1084
25	1018	1027	972	1034	945	1003	961	875	924	885	951	927
30	899	929	882	890	827	860	859	813	842	823	843	870
35	831	845	807	831	768	802	820	748	772	752	786	783
40	769	778	709	769	697	739	715	628	676	653	712	687
45	662	684	601	645	598	637	586	540	578	535	607	606
50	569	587	546	569	501	548	512	469	495	474	525	510
55	494	496	361	475	288	444	317	91.3	388	199	431	395
60	43.5	143	0.00	72.4	0.00	46.9	0.00	5.34	1.13	3.77	23.3	13.8
65	0.83	0.00	0.00	0.00	0.00	6.96	0.00	1.13	0.00	7.15	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	1.08	0.00	0.00	0.00	6.17	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.00	0.00	0.00	4.61	7.45
80	0.00	0.00	0.00	0.00	0.00	0.00	3.38	0.00	0.00	0.00	4.12	7.45
85	0.00	2.11	0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00	3.67	7.35
90	0.00	3.28	0.88	0.00	0.00	0.00	1.67	0.00	4.90	0.44	4.12	1.52

Test Area : Hemispherical

Distance(m) : 7

C interval($^{\circ}$) : 30 γ interval($^{\circ}$) : 0.5Temperature($^{\circ}$ C) : 35

Humidity(%) : 55

Tester : zyg

Date : 2018-5-3 19:31:05

Remark :