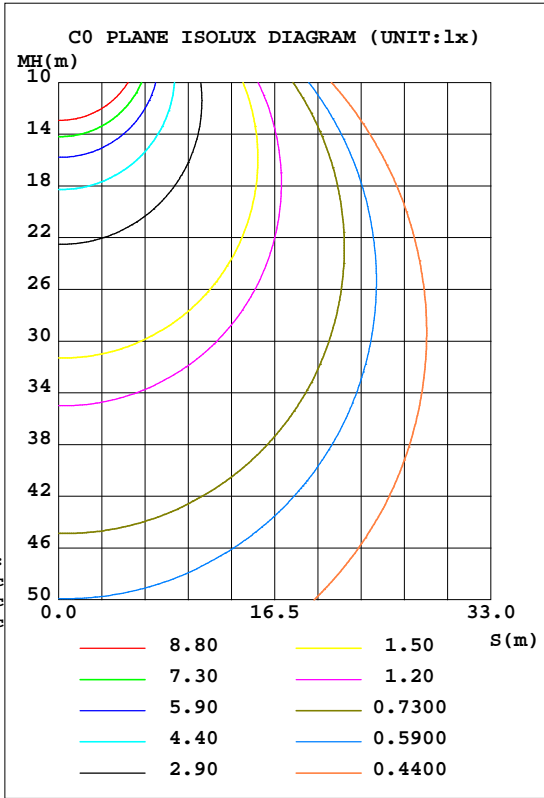
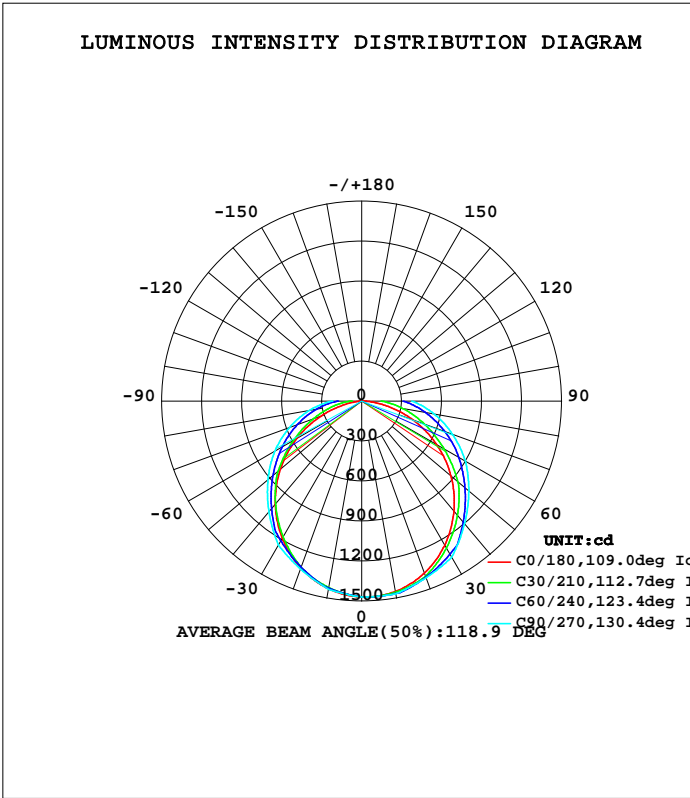


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.40 lm/W			
MODEL		I _{max} (cd)	1471	S/MH(C0/180)	1.21
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4698.0	η UP, DN(C0-180)	0.0,52.6
NOMINAL FLUX(lm)	4698.03	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,47.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	\$lum,lamp
5	1468	1469	1469	1462	1457	1450	1452	1457	0- 5	35.00	35.00	0.75,0.75
10	1451	1462	1469	1446	1430	1422	1434	1438	5- 10	103.8	138.9	2.96,2.96
15	1418	1443	1440	1420	1389	1383	1388	1408	10- 15	169.2	308.1	6.56,6.56
20	1375	1400	1411	1372	1335	1323	1341	1355	15- 20	228.5	536.6	11.4,11.4
25	1317	1351	1382	1318	1268	1258	1295	1296	20- 25	280.5	817.1	17.4,17.4
30	1248	1296	1353	1260	1192	1190	1248	1233	25- 30	324.4	1141	24.3,24.3
35	1167	1238	1277	1198	1104	1119	1166	1167	30- 35	358.2	1500	31.9,31.9
40	1078	1169	1201	1128	1009	1041	1083	1093	35- 40	379.3	1879	40,40
45	980.3	1071	1125	1027	906.2	938.8	1001	994.8	40- 45	388.4	2267	48.3,48.3
50	875.2	970.7	1050	926.6	797.2	836.4	918.3	896.1	45- 50	386.5	2654	56.5,56.5
55	764.3	872.0	974.0	828.0	682.0	736.1	835.9	798.1	50- 55	374.2	3028	64.5,64.5
60	647.8	775.6	898.2	732.1	562.8	638.3	753.4	702.0	55- 60	352.7	3381	72,72
65	527.5	681.4	811.1	639.9	440.6	543.6	664.0	608.5	60- 65	323.0	3704	78.8,78.8
70	405.0	587.3	723.9	549.8	318.0	452.2	574.6	512.5	65- 70	285.8	3990	84.9,84.9
75	283.1	493.0	636.8	462.4	198.0	365.2	485.1	413.0	70- 75	243.6	4233	90.1,90.1
80	167.4	403.2	549.7	380.4	93.10	282.6	395.7	316.6	75- 80	198.7	4432	94.3,94.3
85	68.42	317.5	462.6	302.8	20.45	203.7	306.3	223.1	80- 85	154.1	4586	97.6,97.6
90	5.273	235.3	375.5	228.8	2.206	127.5	216.9	131.8	85- 90	112.0	4698	100,100
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			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

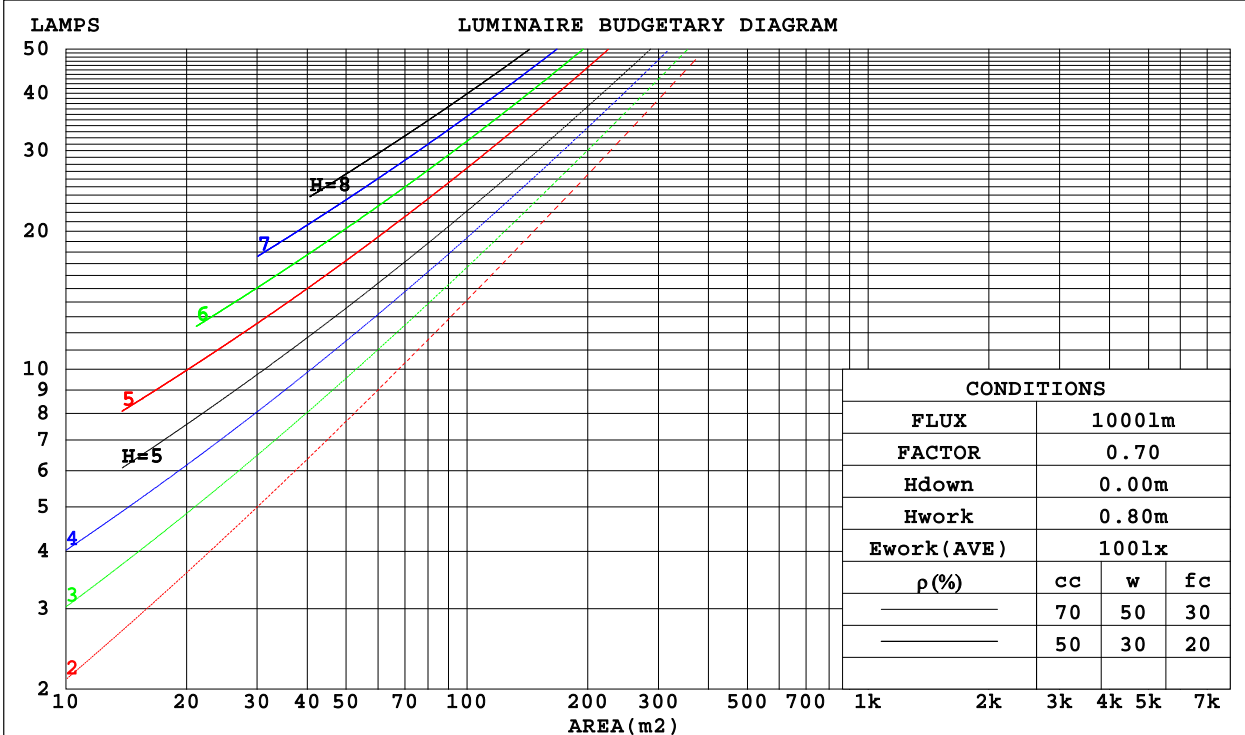
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.01	.96	.91	.99	.94	.90	.94	.91	.87	.90	.87	.84	.87	.84	.82	.80
2.0	.87	.79	.73	.85	.78	.72	.82	.76	.70	.78	.73	.69	.75	.71	.67	.65
3.0	.76	.67	.60	.74	.66	.59	.71	.64	.58	.68	.62	.57	.66	.61	.56	.54
4.0	.67	.58	.50	.66	.57	.50	.63	.55	.49	.61	.54	.49	.58	.53	.48	.46
5.0	.60	.50	.43	.59	.50	.43	.56	.48	.42	.54	.47	.42	.52	.46	.41	.39
6.0	.54	.44	.37	.53	.44	.37	.51	.43	.37	.49	.42	.37	.47	.41	.36	.34
7.0	.49	.39	.33	.48	.39	.33	.46	.38	.33	.45	.38	.32	.43	.37	.32	.30
8.0	.44	.35	.29	.44	.35	.29	.42	.35	.29	.41	.34	.29	.40	.33	.29	.27
9.0	.41	.32	.26	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.24
10.0	.37	.29	.24	.37	.29	.24	.36	.29	.24	.35	.28	.24	.34	.28	.23	.22



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K

WEC AND CCEC

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.363	.207	.065	.356	.203	.064	.342	.196	.063	.330	.190	.061	.318	.185	.060	
2.0	.324	.177	.054	.317	.175	.054	.305	.170	.053	.294	.165	.052	.284	.161	.051	
3.0	.292	.155	.047	.286	.153	.046	.276	.149	.045	.266	.146	.045	.257	.142	.044	
4.0	.265	.138	.040	.260	.136	.040	.251	.133	.040	.242	.130	.039	.234	.127	.039	
5.0	.242	.123	.036	.238	.122	.036	.229	.119	.035	.222	.117	.035	.214	.115	.034	
6.0	.223	.112	.032	.219	.111	.032	.211	.108	.032	.205	.106	.031	.198	.104	.031	
7.0	.206	.102	.029	.203	.101	.029	.196	.099	.029	.190	.097	.028	.184	.096	.028	
8.0	.192	.094	.026	.189	.093	.026	.183	.091	.026	.177	.090	.026	.172	.088	.026	
9.0	.179	.087	.024	.176	.086	.024	.171	.084	.024	.166	.083	.024	.161	.082	.024	
10.0	.168	.080	.022	.165	.080	.022	.160	.079	.022	.156	.077	.022	.152	.076	.022	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.184	.156	.130	.157	.134	.112	.108	.092	.077	.062	.053	.045	.020	.017	.015	
2.0	.177	.132	.094	.151	.113	.081	.104	.078	.057	.060	.046	.033	.019	.015	.011	
3.0	.169	.114	.071	.145	.099	.062	.099	.069	.043	.057	.040	.026	.018	.013	.008	
4.0	.161	.101	.056	.138	.088	.049	.095	.061	.034	.055	.036	.020	.018	.012	.007	
5.0	.153	.091	.045	.131	.079	.039	.090	.055	.028	.052	.032	.017	.017	.011	.005	
6.0	.145	.083	.038	.125	.072	.033	.086	.050	.023	.050	.030	.014	.016	.010	.005	
7.0	.138	.076	.032	.119	.066	.028	.082	.046	.020	.048	.027	.012	.015	.009	.004	
8.0	.131	.070	.028	.113	.061	.024	.078	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.125	.065	.025	.108	.057	.021	.075	.040	.015	.043	.023	.009	.014	.008	.003	
10.0	.119	.061	.022	.103	.053	.019	.071	.037	.014	.042	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm										
NAME: LED					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:1		
MFR.: EVERFINE					SUR.:			PROTECTION ANGLE:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	21.8	23.4	22.1	23.6	23.8	23.2	24.8	23.5	25.0	25.2
3H	23.3	24.8	23.6	25.0	25.3	25.6	27.1	25.9	27.3	27.6
4H	23.9	25.3	24.2	25.6	25.8	26.9	28.3	27.2	28.5	28.8
6H	24.3	25.6	24.6	25.9	26.2	28.2	29.6	28.5	29.8	30.1
8H	24.4	25.7	24.8	26.0	26.3	28.9	30.2	29.3	30.5	30.8
12H	24.5	25.7	24.8	26.0	26.3	29.7	31.0	30.1	31.3	31.6
4H 2H	22.8	24.2	23.1	24.4	24.7	23.8	25.2	24.1	25.5	25.7
3H	24.5	25.8	24.9	26.1	26.4	26.4	27.7	26.8	28.0	28.3
4H	25.2	26.4	25.6	26.7	27.1	27.9	29.1	28.3	29.4	29.7
6H	25.8	26.8	26.2	27.2	27.6	29.5	30.5	29.9	30.9	31.2
8H	26.0	27.0	26.4	27.3	27.7	30.3	31.3	30.7	31.7	32.1
12H	26.1	27.0	26.5	27.4	27.8	31.3	32.2	31.7	32.6	33.0
8H 4H	26.1	27.0	26.5	27.4	27.8	28.2	29.2	28.7	29.6	30.0
6H	26.9	27.8	27.4	28.2	28.6	30.1	30.9	30.6	31.3	31.8
8H	27.3	28.0	27.8	28.5	28.9	31.2	31.9	31.6	32.3	32.8
12H	27.5	28.2	28.0	28.6	29.1	32.4	33.0	32.9	33.5	34.0
12H 4H	26.3	27.2	26.7	27.6	28.0	28.3	29.2	28.7	29.6	30.0
6H	27.4	28.1	27.8	28.5	29.0	30.2	31.0	30.7	31.4	31.8
8H	27.9	28.5	28.3	29.0	29.4	31.4	32.0	31.9	32.5	33.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 4698 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.4)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K

UTILIZATION FACTORS TABLE

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	55	43	36	54	43	36	53	42	36	29
0.80	65	53	45	64	52	45	62	51	44	37
1.00	73	61	53	72	60	53	69	62	52	45
1.25	80	69	61	78	68	60	76	66	60	52
1.50	85	74	66	83	73	66	80	71	65	57
2.00	92	82	75	90	81	74	86	79	73	65
2.50	96	87	81	94	86	80	90	83	78	69
3.00	100	92	85	97	90	84	93	87	82	73
4.00	104	97	92	101	95	91	97	92	88	78
5.00	107	101	96	104	99	95	99	95	91	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K

ISOCANDELA DIAGRAM

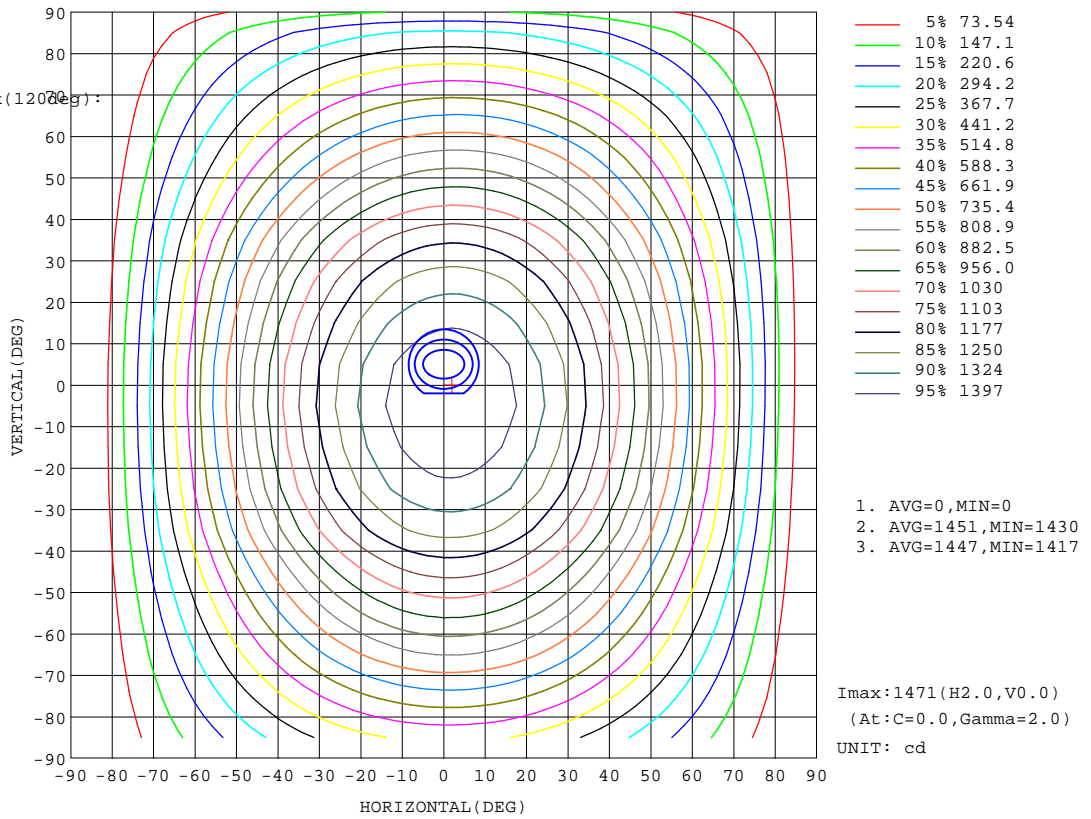
Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

2267.4 lm
%lum = 48.3%
%lamp = 48.3%

Conical surface Flux(120deg):

3380.8 lm
%lum = 72.0%
%lamp = 72.0%



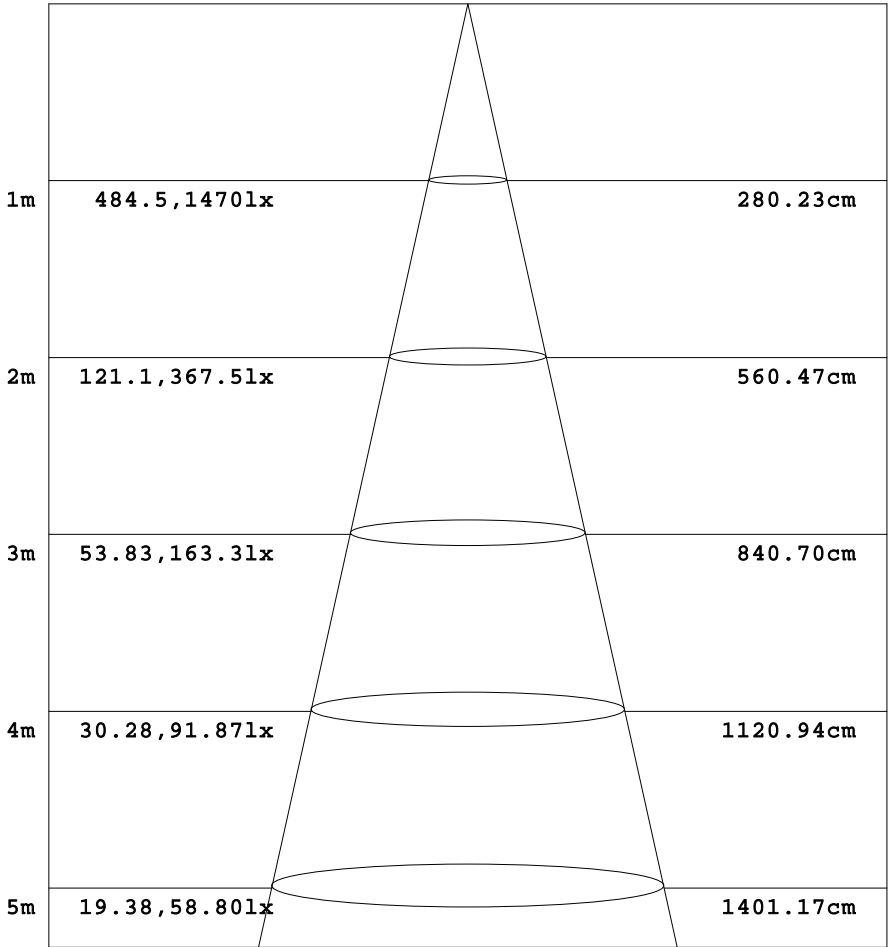
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26DEG
Operators:JASON
Test Date:2024-07-31

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65%
Test Distance:8.400m [K=1.0000]
Remarks: 4000K

AAI Figure

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Flux out:2991 lm



Height Eavg, Emax Angle:108.97deg Diameter

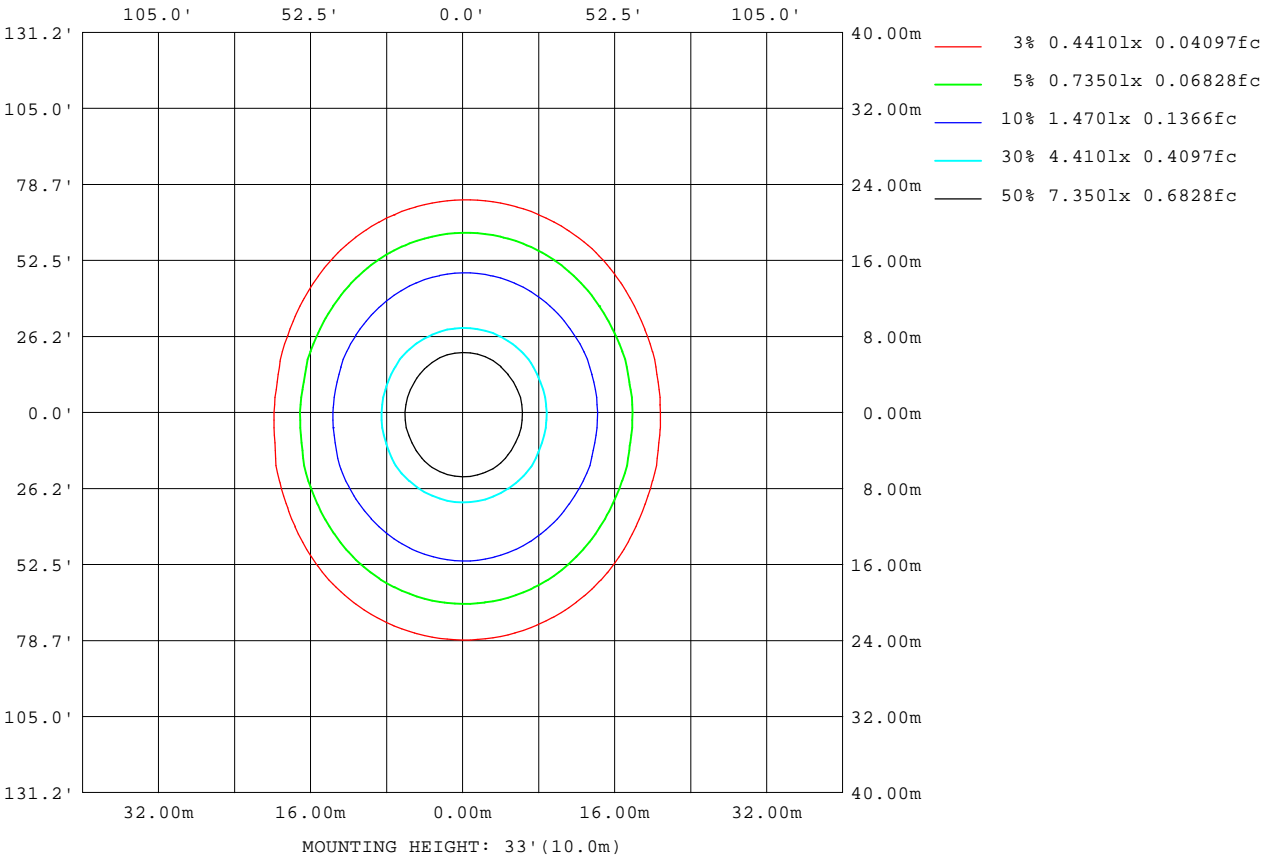
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K

ISOLUX DIAGRAM

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26DEG
Operators:JASON
Test Date:2024-07-31

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65%
Test Distance:8.400m [K=1.0000]
Remarks: 4000K

LED Avg.L Report

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

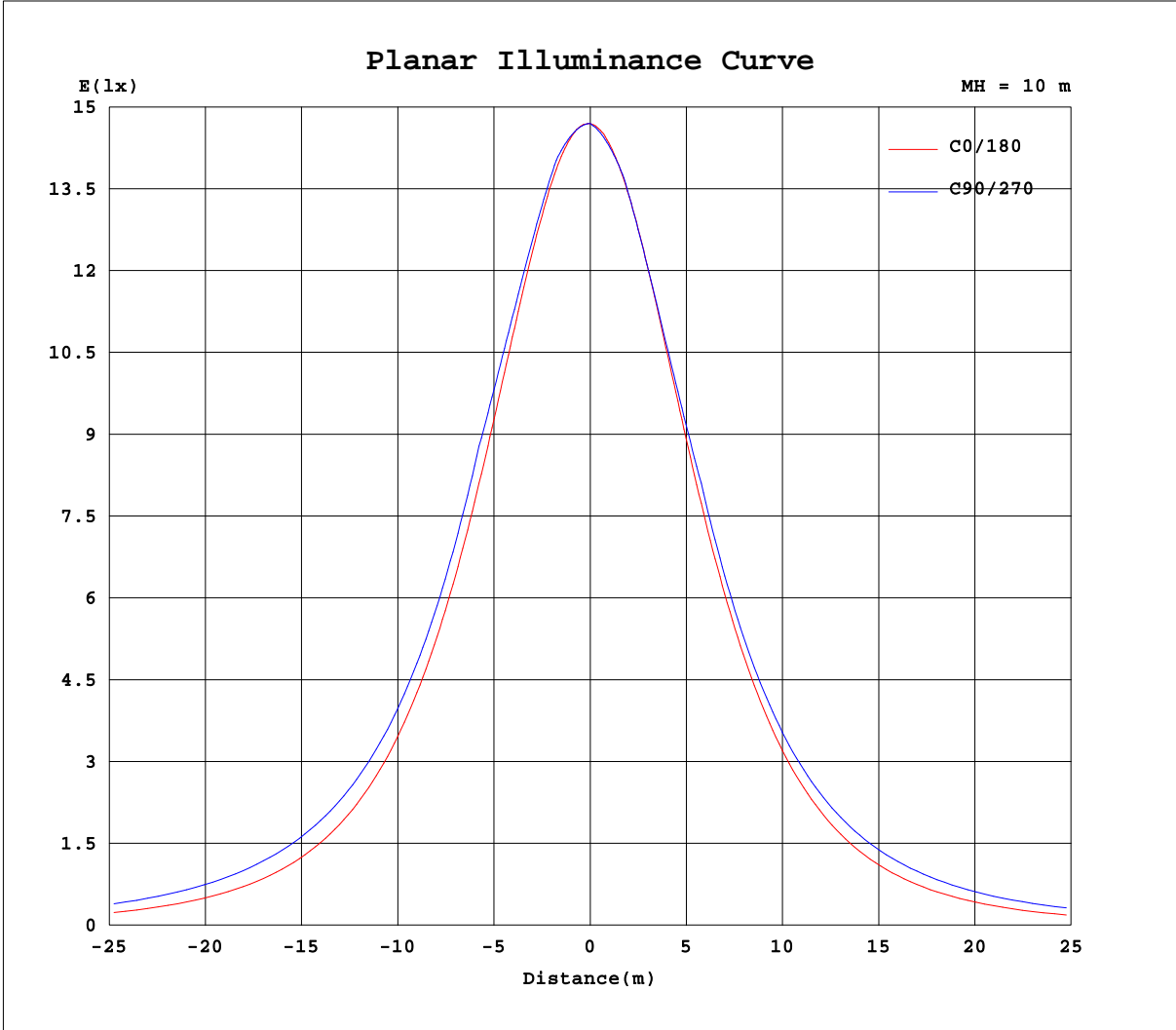
AvgL	cd/m2
L_0~180(65)av	11453
L_0~180(75)av	9295
L_0~180(85)av	5098
L_90~270(65)av	17451
L_90~270(75)av	21674
L_90~270(85)av	44108
L_45(65)av	14631
L_45(75)av	16745
L_45(85)av	30034

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 26DEG
Operators: JASON
Test Date: 2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 65%
Test Distance: 8.400m [K=1.0000]
Remarks: 4000K



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470
5	1468	1468	1468	1468	1468	1468	1469	1469	1469	1469	1470	1470	1470	1470	1470	1470	1470	1469	1469
10	1451	1451	1452	1452	1453	1455	1456	1458	1460	1462	1463	1465	1467	1468	1469	1469	1469	1469	1469
15	1418	1419	1420	1422	1425	1429	1433	1437	1442	1443	1442	1442	1442	1442	1442	1442	1441	1440	1440
20	1375	1375	1377	1381	1386	1392	1398	1398	1398	1400	1402	1404	1407	1409	1410	1412	1412	1412	1411
25	1317	1318	1321	1327	1335	1339	1339	1342	1346	1351	1357	1362	1368	1373	1377	1380	1382	1383	1382
30	1248	1249	1254	1262	1268	1269	1273	1279	1287	1296	1306	1316	1326	1335	1343	1348	1352	1353	1353
35	1167	1169	1176	1186	1186	1191	1199	1209	1223	1238	1253	1268	1272	1274	1276	1278	1279	1278	1277
40	1078	1080	1089	1094	1097	1106	1119	1135	1154	1169	1174	1180	1185	1191	1196	1200	1202	1202	1201
45	980	983	995	995	1002	1015	1034	1057	1063	1071	1079	1089	1099	1108	1115	1121	1125	1126	1125
50	875	879	887	889	902	921	942	948	958	971	984	999	1012	1024	1035	1042	1048	1050	1050
55	764	769	773	780	798	819	827	839	855	872	890	909	926	941	954	964	971	974	974
60	648	654	656	668	691	699	713	732	753	776	798	820	841	859	874	886	894	898	898
65	527	534	536	556	566	582	603	628	654	681	708	733	754	772	788	799	807	811	811
70	405	408	417	432	447	471	499	529	560	587	614	639	662	681	698	711	719	723	724
75	283	284	297	312	338	368	401	432	463	493	521	547	571	592	609	622	631	636	637
80	167	169	182	207	239	274	307	341	372	403	432	459	483	504	521	535	544	549	550
85	68.4	69.6	91.5	121	154	189	223	256	287	318	346	372	396	417	434	447	457	462	463
90	5.27	11.2	30.5	54.6	83.1	114	146	177	206	235	262	287	311	331	347	360	369	374	375

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 26DEG
 Operators: JASON
 Test Date: 2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 65%
 Test Distance: 8.400m [K=1.0000]
 Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Table with 3 columns: NAME, TYPE, WEIGHT, SPEC., DIM., SERIAL No., MFR., SUR., PROTECTION ANGLE. Row 1: NAME: LED, TYPE: , WEIGHT: , SPEC.: , DIM.: , SERIAL No.: 1, MFR.: EVERFINE, SUR.: , PROTECTION ANGLE: .

Table--2

UNIT: cd

Large data table with C(DEG) on the y-axis (0-90) and gamma (DEG) on the x-axis (95-185). Contains luminous intensity values in cd.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26DEG
Operators:JASON
Test Date:2024-07-31

gamma Range: 0 - 90DEG
gamma Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:65%
Test Distance:8.400m [K=1.0000]
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--3																UNIT: cd			
C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470
5	1454	1453	1452	1452	1451	1451	1450	1450	1449	1449	1449	1450	1450	1450	1451	1451	1452	1452	1453
10	1425	1423	1421	1421	1420	1420	1421	1422	1423	1424	1425	1427	1428	1430	1431	1432	1434	1435	1436
15	1381	1380	1379	1379	1380	1382	1384	1383	1382	1381	1381	1382	1382	1383	1384	1386	1388	1389	1391
20	1326	1324	1325	1327	1328	1326	1324	1323	1324	1325	1327	1329	1332	1334	1336	1339	1341	1343	1344
25	1259	1258	1260	1259	1256	1256	1256	1258	1262	1266	1271	1275	1280	1285	1289	1292	1295	1297	1298
30	1182	1183	1182	1178	1178	1180	1184	1190	1197	1205	1213	1221	1228	1235	1240	1245	1248	1250	1251
35	1095	1097	1092	1091	1094	1100	1108	1119	1130	1142	1145	1148	1152	1156	1159	1162	1166	1169	1171
40	1001	998	996	999	1006	1016	1030	1041	1044	1048	1053	1059	1064	1070	1075	1080	1083	1086	1088
45	900	894	895	903	915	931	934	939	945	953	961	969	977	985	992	997	1001	1004	1006
50	788	785	792	805	819	822	828	836	847	858	869	880	891	900	908	914	918	922	923
55	672	674	686	701	705	712	723	736	750	764	779	792	804	815	825	832	836	840	840
60	554	562	579	583	592	606	621	638	656	673	689	705	719	731	741	749	753	757	758
65	435	451	458	469	485	503	523	544	564	583	601	617	631	643	653	660	664	667	667
70	320	332	345	363	384	406	430	452	474	494	512	528	543	555	564	571	575	577	576
75	206	222	242	265	291	317	342	365	387	407	425	442	455	467	476	482	485	486	485
80	107	128	155	183	210	236	260	283	304	323	340	356	369	379	388	393	396	396	394
85	40.2	64.8	88.7	112	137	161	183	204	223	241	257	271	283	292	300	304	306	306	303
90	10.6	22.9	34.8	50.2	70.5	90.5	109	127	145	161	175	188	198	206	212	215	217	216	212

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1849A P:39.68W PF:0.9752 Lamp Flux:4698.03x1 lm		
NAME: LED	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470	1470				
5	1453	1454	1455	1455	1456	1456	1457	1458	1459	1460	1461	1462	1463	1465	1466				
10	1436	1436	1437	1437	1437	1437	1438	1438	1439	1439	1440	1442	1444	1446	1448				
15	1392	1394	1396	1398	1401	1404	1408	1411	1410	1409	1408	1409	1410	1412	1415				
20	1345	1347	1348	1349	1350	1352	1355	1357	1361	1366	1366	1365	1365	1367	1370				
25	1298	1298	1298	1297	1296	1296	1296	1297	1299	1303	1308	1311	1309	1309	1311				
30	1250	1249	1246	1243	1240	1236	1233	1231	1230	1231	1234	1241	1242	1240	1242				
35	1173	1175	1177	1179	1180	1174	1167	1161	1156	1153	1154	1157	1165	1162	1162				
40	1090	1090	1091	1090	1090	1091	1093	1087	1078	1071	1067	1067	1072	1075	1073				
45	1006	1005	1003	1001	999	996	995	995	996	984	975	971	973	981	976				
50	922	920	916	912	906	901	896	892	890	892	881	871	869	874	873				
55	839	836	830	823	815	807	798	790	784	780	780	769	761	761	764				
60	755	751	744	735	725	714	702	690	679	670	665	664	651	645	650				
65	665	660	654	646	636	623	608	593	578	564	552	544	541	528	531				
70	573	567	559	550	538	526	513	499	481	462	444	430	421	412	407				
75	481	474	465	455	442	428	413	397	381	364	345	324	305	296	286				
80	389	382	372	361	348	333	317	300	283	264	246	226	205	185	174				
85	297	290	280	268	254	239	223	206	189	171	153	134	116	97.6	78.8				
90	206	198	188	176	162	147	132	116	99.6	83.3	67.2	52.2	39.4	29.5	15.5				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26DEG
 Operators:JASON
 Test Date:2024-07-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:65%
 Test Distance:8.400m [K=1.0000]
 Remarks: 4000K