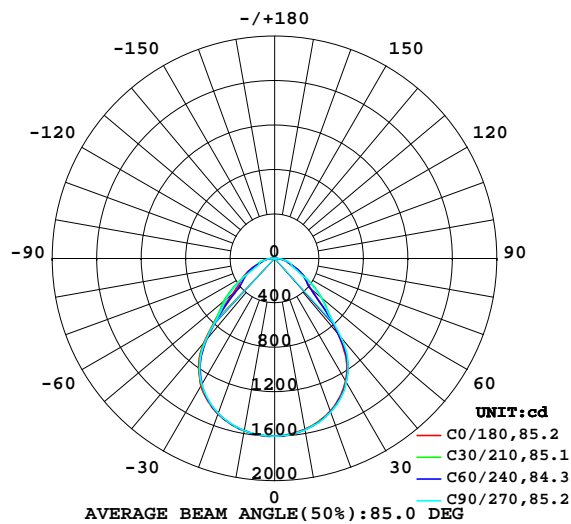


## LUMINAIRE PHOTOMETRIC TEST REPORT

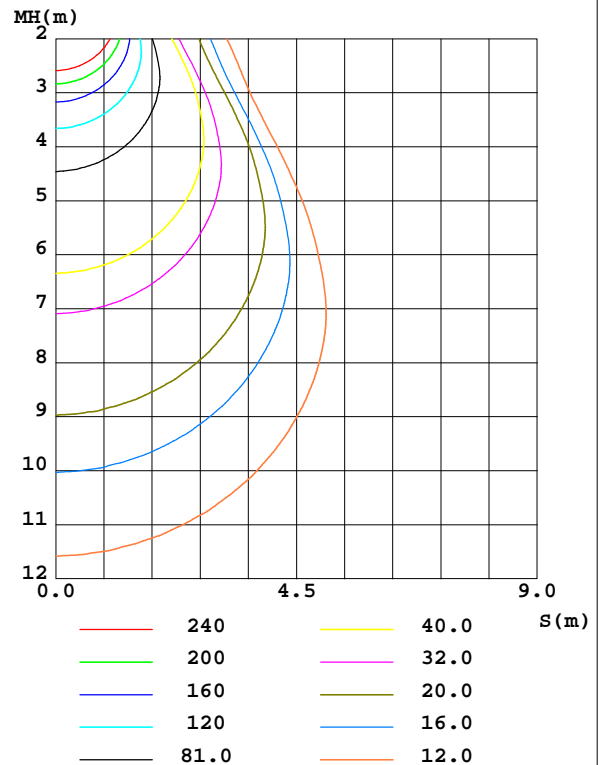
Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm		
NAME: LED346 (30W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 100.08 lm/W
MODEL		Imax(cd)	1602	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.22	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3250.9	$\eta$ UP,DN(C0-180)	0.5,48.7	
NOMINAL FLUX(lm)	3250.89	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.4,50.4	
LAMPS INSIDE	1	$\eta$ up(%)	0.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	229.5	$\eta$ down(%)	99.1	CIBSE SHR MAX	1.25	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1561	1565	1566	1568	1578	1574	1573	1570	0- 10	151.2	151.2	4.65,4.65
20	1462	1468	1472	1475	1493	1486	1483	1479	10- 20	431.9	583.1	17.9,17.9
30	1276	1285	1288	1294	1329	1309	1311	1302	20- 30	644.2	1227	37.8,37.8
40	888.3	908.4	933.7	937.7	994.7	964.0	970.1	958.5	30- 40	717.2	1945	59.8,59.8
50	425.2	487.7	542.2	507.8	493.4	521.0	563.7	512.4	40- 50	534.5	2479	76.3,76.3
60	293.2	284.3	265.1	290.4	324.1	301.0	292.2	292.6	50- 60	351.3	2830	87.1,87.1
70	152.0	152.4	160.2	158.6	175.7	163.2	149.5	162.3	60- 70	214.2	3045	93.7,93.7
80	74.47	75.80	80.27	81.82	92.73	92.04	91.61	86.01	70- 80	131.7	3176	97.7,97.7
90	0.5821	0.5683	0.5453	0.5307	5.350	1.549	0.9249	0.8020	80- 90	45.49	3222	99.1,99.1
100	1.387	1.310	1.294	1.251	1.195	1.248	1.277	1.310	90-100	0.9818	3223	99.1,99.1
110	2.734	2.650	2.554	2.525	2.337	2.444	2.480	2.579	100-110	1.979	3225	99.2,99.2
120	4.380	4.275	4.174	4.156	3.929	4.047	4.068	4.197	110-120	3.297	3228	99.3,99.3
130	5.954	5.864	5.780	5.754	5.486	5.593	5.640	5.764	120-130	4.406	3233	99.4,99.4
140	7.381	7.371	7.384	7.298	7.034	7.117	7.276	7.270	130-140	5.035	3238	99.6,99.6
150	8.565	8.622	8.734	8.597	8.281	8.358	8.683	8.499	140-150	4.957	3243	99.7,99.7
160	9.657	9.863	9.940	9.850	9.457	9.628	10.02	9.691	150-160	4.212	3247	99.9,99.9
170	11.67	11.83	11.70	11.81	11.49	11.66	11.88	11.71	160-170	2.991	3250	100,100
180	12.71	12.60	12.43	12.51	12.74	12.60	12.41	12.51	170-180	1.163	3251	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 2242.3 lm

%lum = 69.0%

%lamp = 69.0%

Conical surface Flux(130deg): 2951.8 lm

%lum = 90.8%

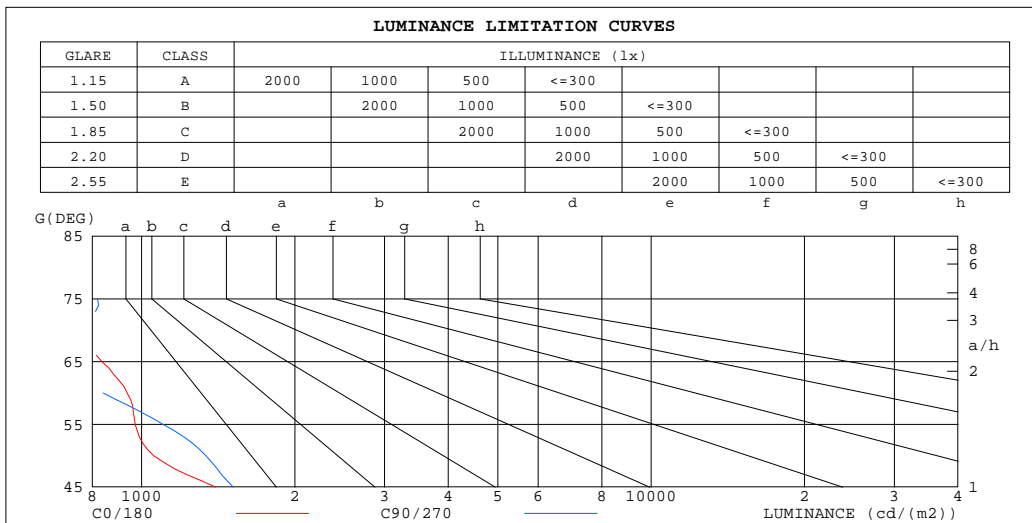
%lamp = 90.8%

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Mr.Ma  
Test Date: 2024 8.12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:6.100m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm		
NAME: LED346 (30W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	588	731
80	686	733
75	717	819
70	710	742
65	836	695
60	938	841
55	972	1102
50	1058	1337
45	1398	1514

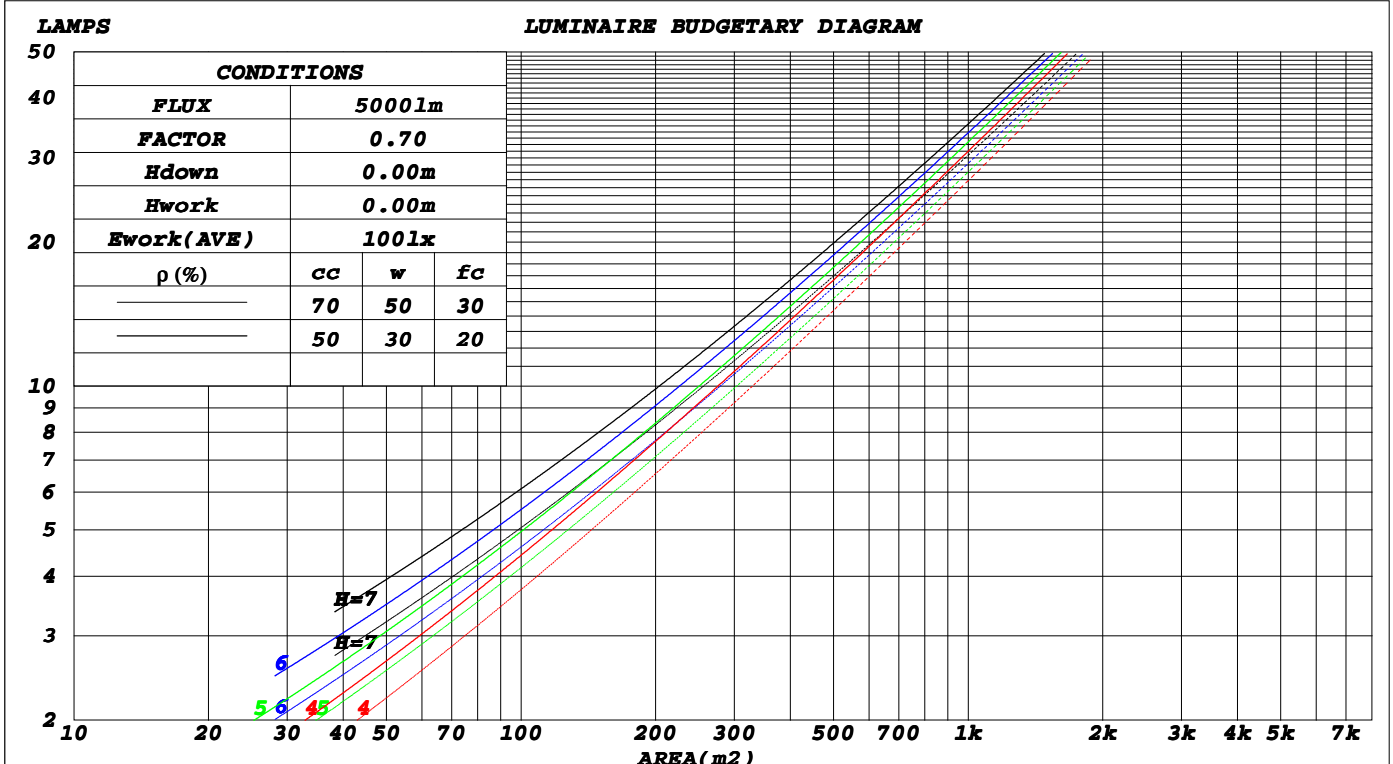
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm		
NAME: LED346 (30W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.01	1.01	1.01	.99
1.0	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.85	.78	.72	.83	.77	.71	.80	.75	.70	.77	.73	.69	.75	.71	.67	.65
4.0	.76	.69	.63	.75	.68	.62	.73	.66	.61	.70	.65	.61	.68	.63	.60	.58
5.0	.69	.61	.55	.68	.61	.55	.66	.59	.54	.64	.58	.54	.62	.57	.53	.51
6.0	.63	.55	.49	.62	.55	.49	.60	.54	.49	.59	.53	.48	.57	.52	.48	.46
7.0	.58	.50	.44	.57	.50	.44	.56	.49	.44	.54	.48	.43	.53	.47	.43	.41
8.0	.53	.46	.40	.53	.45	.40	.51	.45	.40	.50	.44	.39	.49	.43	.39	.37
9.0	.49	.42	.37	.49	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.36	.34
10.0	.46	.38	.33	.45	.38	.33	.44	.38	.33	.43	.37	.33	.42	.37	.33	.31



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm		
NAME: LED346 (30W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0														
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
$\rho_{fc}$	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.264	.150	.048	.257	.147	.047	.243	.140	.045	.231	.133	.043	.220	.127	.041															
2.0	.250	.137	.042	.244	.134	.041	.232	.129	.040	.221	.124	.039	.211	.119	.038															
3.0	.234	.124	.037	.228	.122	.037	.218	.118	.036	.208	.114	.035	.200	.110	.034															
4.0	.218	.113	.033	.213	.112	.033	.204	.108	.032	.196	.105	.032	.188	.102	.031															
5.0	.204	.104	.030	.200	.103	.030	.192	.100	.029	.184	.097	.029	.177	.095	.028															
6.0	.191	.096	.027	.187	.095	.027	.180	.092	.027	.173	.090	.026	.167	.088	.026															
7.0	.180	.089	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024	.158	.082	.024															
8.0	.169	.083	.023	.166	.082	.023	.160	.080	.023	.155	.078	.023	.150	.077	.022															
9.0	.160	.077	.022	.157	.077	.021	.152	.075	.021	.147	.074	.021	.142	.072	.021															
10.0	.151	.072	.020	.149	.072	.020	.144	.071	.020	.139	.069	.020	.135	.068	.020															

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio                      Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.184	.163	.145	.157	.140	.125	.108	.096	.086	.062	.056	.050	.020	.018	.016	
2.0	.174	.139	.110	.149	.120	.095	.102	.083	.066	.059	.048	.039	.019	.016	.013	
3.0	.164	.121	.086	.141	.104	.075	.097	.073	.053	.056	.042	.031	.018	.014	.010	
4.0	.156	.107	.070	.134	.093	.061	.092	.065	.043	.053	.038	.025	.017	.012	.008	
5.0	.149	.097	.058	.128	.084	.051	.088	.058	.036	.051	.034	.021	.016	.011	.007	
6.0	.142	.088	.049	.122	.076	.043	.084	.053	.030	.049	.031	.018	.016	.010	.006	
7.0	.135	.081	.043	.116	.070	.037	.080	.049	.026	.047	.029	.016	.015	.009	.005	
8.0	.129	.075	.038	.111	.065	.033	.077	.046	.023	.045	.027	.014	.014	.009	.005	
9.0	.124	.070	.034	.106	.061	.030	.074	.043	.021	.043	.025	.013	.014	.008	.004	
10.0	.118	.066	.031	.102	.057	.027	.071	.040	.019	.041	.024	.011	.013	.008	.004	

**C Range:** 0 - 360DEG  
**C Interval:** 30.0DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3℃  
**Operators:** Mr.Ma  
**Test Date:** 2024 8.12

**$\gamma$  Range:** 0 - 180DEG  
 **$\gamma$  Interval:** 1.0DEG  
**Test System:** EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
**Humidity:** 65.0%  
**Test Distance:** 6.100m [K=1.0000]  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm										
NAME: LED346 (30W 3000K) Uplight off					TYPE: 调光双色暖白白色			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:			Shielding Angle:		
<b>ceiling/cavity</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>
<b>walls</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>
<b>working plane</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
<b>Room dimensions</b>	<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>x = 2H y = 2H</b>	<b>8.0</b>	<b>9.4</b>	<b>8.3</b>	<b>9.6</b>	<b>9.8</b>	<b>7.9</b>	<b>9.2</b>	<b>8.1</b>	<b>9.4</b>	<b>9.6</b>
<b>3H</b>	<b>8.8</b>	<b>10.0</b>	<b>9.1</b>	<b>10.3</b>	<b>10.5</b>	<b>8.7</b>	<b>9.9</b>	<b>9.0</b>	<b>10.1</b>	<b>10.4</b>
<b>4H</b>	<b>9.2</b>	<b>10.4</b>	<b>9.6</b>	<b>10.7</b>	<b>10.9</b>	<b>9.2</b>	<b>10.4</b>	<b>9.5</b>	<b>10.6</b>	<b>10.9</b>
<b>6H</b>	<b>9.6</b>	<b>10.7</b>	<b>9.9</b>	<b>11.0</b>	<b>11.3</b>	<b>9.6</b>	<b>10.7</b>	<b>10.0</b>	<b>11.0</b>	<b>11.3</b>
<b>8H</b>	<b>9.7</b>	<b>10.8</b>	<b>10.1</b>	<b>11.1</b>	<b>11.4</b>	<b>9.8</b>	<b>10.8</b>	<b>10.1</b>	<b>11.1</b>	<b>11.4</b>
<b>12H</b>	<b>9.8</b>	<b>10.8</b>	<b>10.2</b>	<b>11.1</b>	<b>11.4</b>	<b>9.9</b>	<b>10.9</b>	<b>10.3</b>	<b>11.2</b>	<b>11.5</b>
<b>4H 2H</b>	<b>8.3</b>	<b>9.4</b>	<b>8.6</b>	<b>9.7</b>	<b>10.0</b>	<b>8.2</b>	<b>9.3</b>	<b>8.5</b>	<b>9.6</b>	<b>9.9</b>
<b>3H</b>	<b>9.3</b>	<b>10.3</b>	<b>9.7</b>	<b>10.6</b>	<b>10.9</b>	<b>9.2</b>	<b>10.2</b>	<b>9.6</b>	<b>10.5</b>	<b>10.8</b>
<b>4H</b>	<b>9.9</b>	<b>10.8</b>	<b>10.3</b>	<b>11.1</b>	<b>11.5</b>	<b>9.9</b>	<b>10.8</b>	<b>10.3</b>	<b>11.1</b>	<b>11.5</b>
<b>6H</b>	<b>10.4</b>	<b>11.2</b>	<b>10.8</b>	<b>11.6</b>	<b>12.0</b>	<b>10.5</b>	<b>11.3</b>	<b>10.9</b>	<b>11.6</b>	<b>12.0</b>
<b>8H</b>	<b>10.6</b>	<b>11.3</b>	<b>11.0</b>	<b>11.7</b>	<b>12.1</b>	<b>10.7</b>	<b>11.5</b>	<b>11.1</b>	<b>11.8</b>	<b>12.2</b>
<b>12H</b>	<b>10.7</b>	<b>11.4</b>	<b>11.2</b>	<b>11.8</b>	<b>12.2</b>	<b>10.9</b>	<b>11.6</b>	<b>11.3</b>	<b>12.0</b>	<b>12.4</b>
<b>8H 4H</b>	<b>10.1</b>	<b>10.9</b>	<b>10.5</b>	<b>11.2</b>	<b>11.6</b>	<b>10.1</b>	<b>10.9</b>	<b>10.5</b>	<b>11.2</b>	<b>11.6</b>
<b>6H</b>	<b>10.8</b>	<b>11.4</b>	<b>11.2</b>	<b>11.8</b>	<b>12.3</b>	<b>10.8</b>	<b>11.5</b>	<b>11.3</b>	<b>11.9</b>	<b>12.3</b>
<b>8H</b>	<b>11.0</b>	<b>11.6</b>	<b>11.5</b>	<b>12.0</b>	<b>12.5</b>	<b>11.2</b>	<b>11.7</b>	<b>11.6</b>	<b>12.2</b>	<b>12.6</b>
<b>12H</b>	<b>11.3</b>	<b>11.7</b>	<b>11.7</b>	<b>12.2</b>	<b>12.7</b>	<b>11.4</b>	<b>11.9</b>	<b>11.9</b>	<b>12.4</b>	<b>12.9</b>
<b>12H 4H</b>	<b>10.1</b>	<b>10.8</b>	<b>10.6</b>	<b>11.2</b>	<b>11.6</b>	<b>10.1</b>	<b>10.8</b>	<b>10.5</b>	<b>11.2</b>	<b>11.6</b>
<b>6H</b>	<b>10.8</b>	<b>11.4</b>	<b>11.3</b>	<b>11.8</b>	<b>12.3</b>	<b>10.9</b>	<b>11.4</b>	<b>11.4</b>	<b>11.9</b>	<b>12.4</b>
<b>8H</b>	<b>11.1</b>	<b>11.6</b>	<b>11.6</b>	<b>12.1</b>	<b>12.6</b>	<b>11.3</b>	<b>11.7</b>	<b>11.7</b>	<b>12.2</b>	<b>12.7</b>
<b>Variations with the observer position at spacings(CIE Pub.117):</b>										
<b>S = 1.0H</b>	<b>+ 0.4 / - 0.5</b>					<b>+ 0.4 / - 0.4</b>				
<b>1.5H</b>	<b>+ 0.4 / - 0.6</b>					<b>+ 0.5 / - 0.3</b>				
<b>2.0H</b>	<b>+ 0.6 / - 0.8</b>					<b>+ 0.6 / - 0.6</b>				

CIE Pub.117, 3251 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 4.1$ )  
Area: 0.63 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:6.100m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm		
NAME: LED346 (30W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

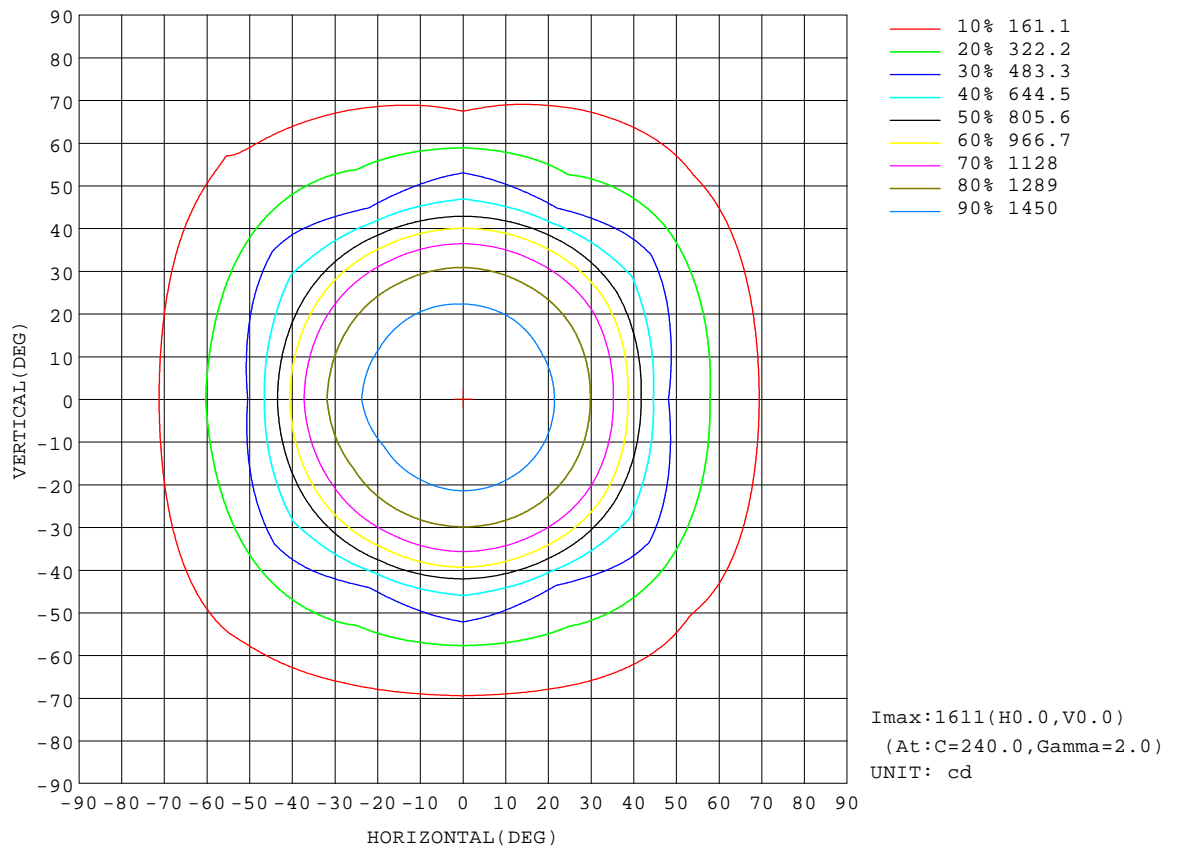
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	56	50	65	56	50	45
0.80	76	66	60	75	66	60	73	65	60	54
1.00	84	74	68	82	74	68	80	75	67	61
1.25	90	81	75	88	80	75	86	79	74	68
1.50	94	86	80	93	85	80	90	83	79	72
2.00	100	93	87	98	91	86	94	89	85	78
2.50	103	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	99	102	99	96	87
5.00	110	106	103	108	104	101	104	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

**C Range:** 0 - 360DEG  
**C Interval:** 30.0DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3℃  
**Operators:** Mr.Ma  
**Test Date:** 2024 8.12

**γ Range:** 0 - 180DEG  
**γ Interval:** 1.0DEG  
**Test System:** EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
**Humidity:** 65.0%  
**Test Distance:** 6.100m [K=1.0000]  
**Remarks:**

## ISOCANDELA DIAGRAM

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm		
NAME: LED346 (30W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Mr.Ma  
Test Date: 2024 8.12

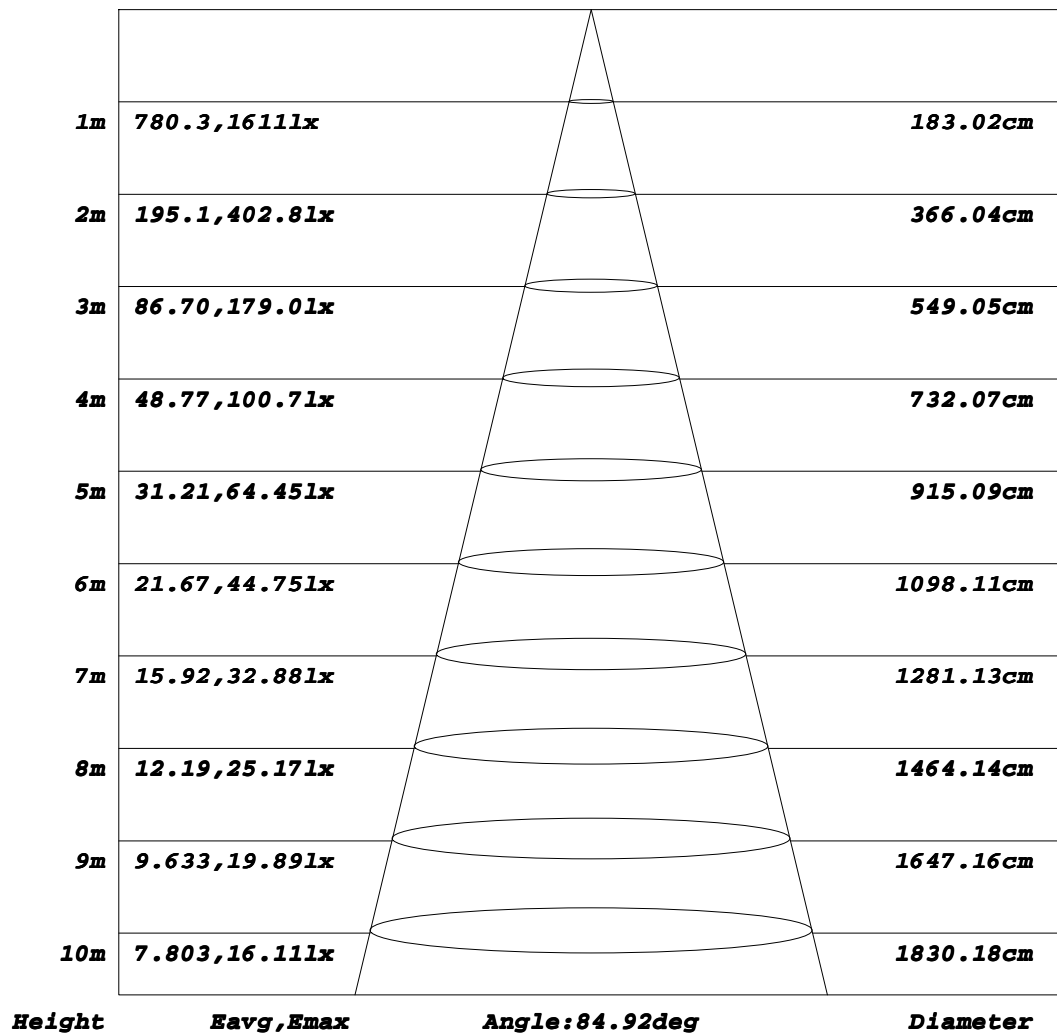
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:6.100m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm		
NAME: LED346 (30W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:2132 lm



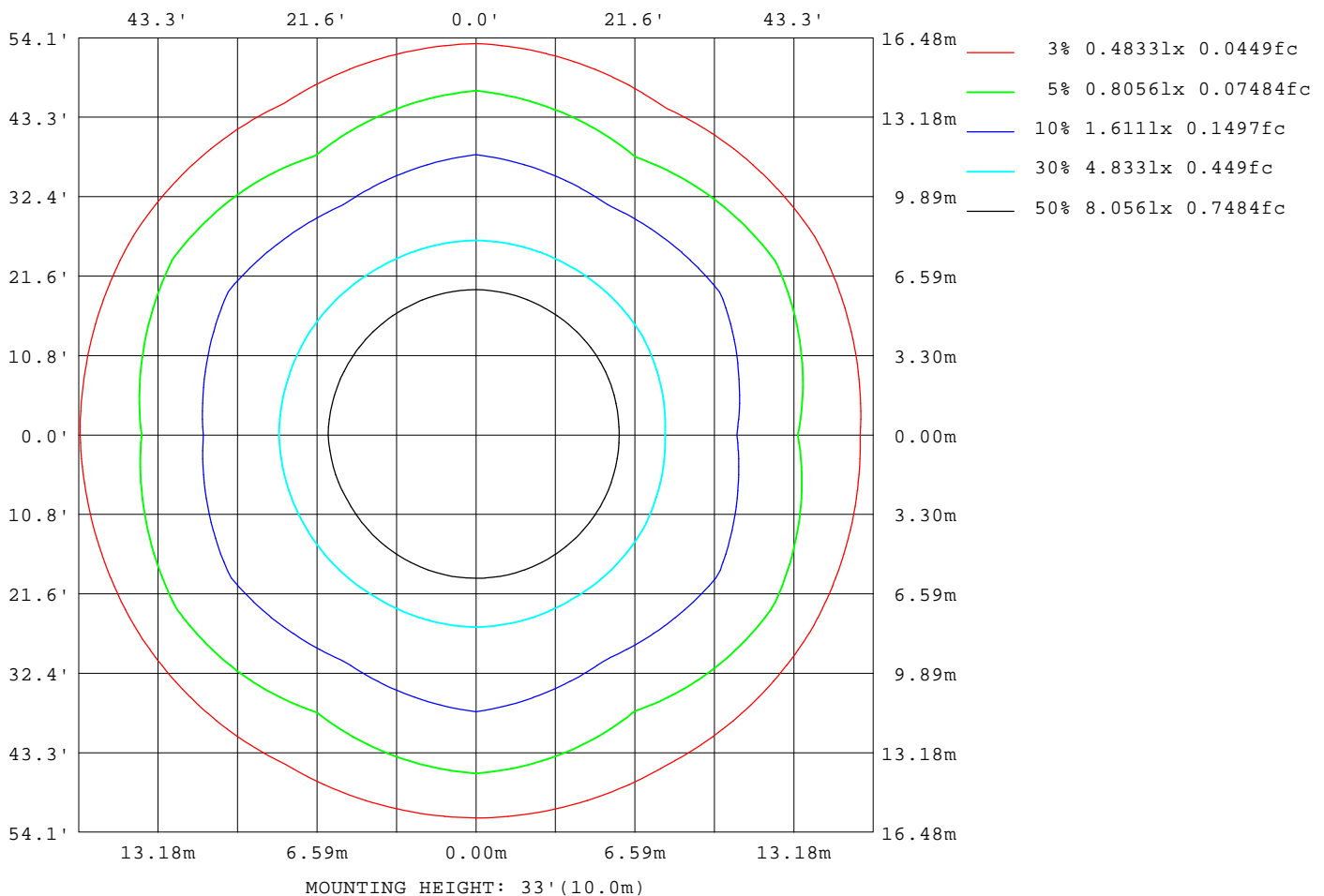
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm		
NAME: LED346 (30W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm		
NAME: LED346 (30W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

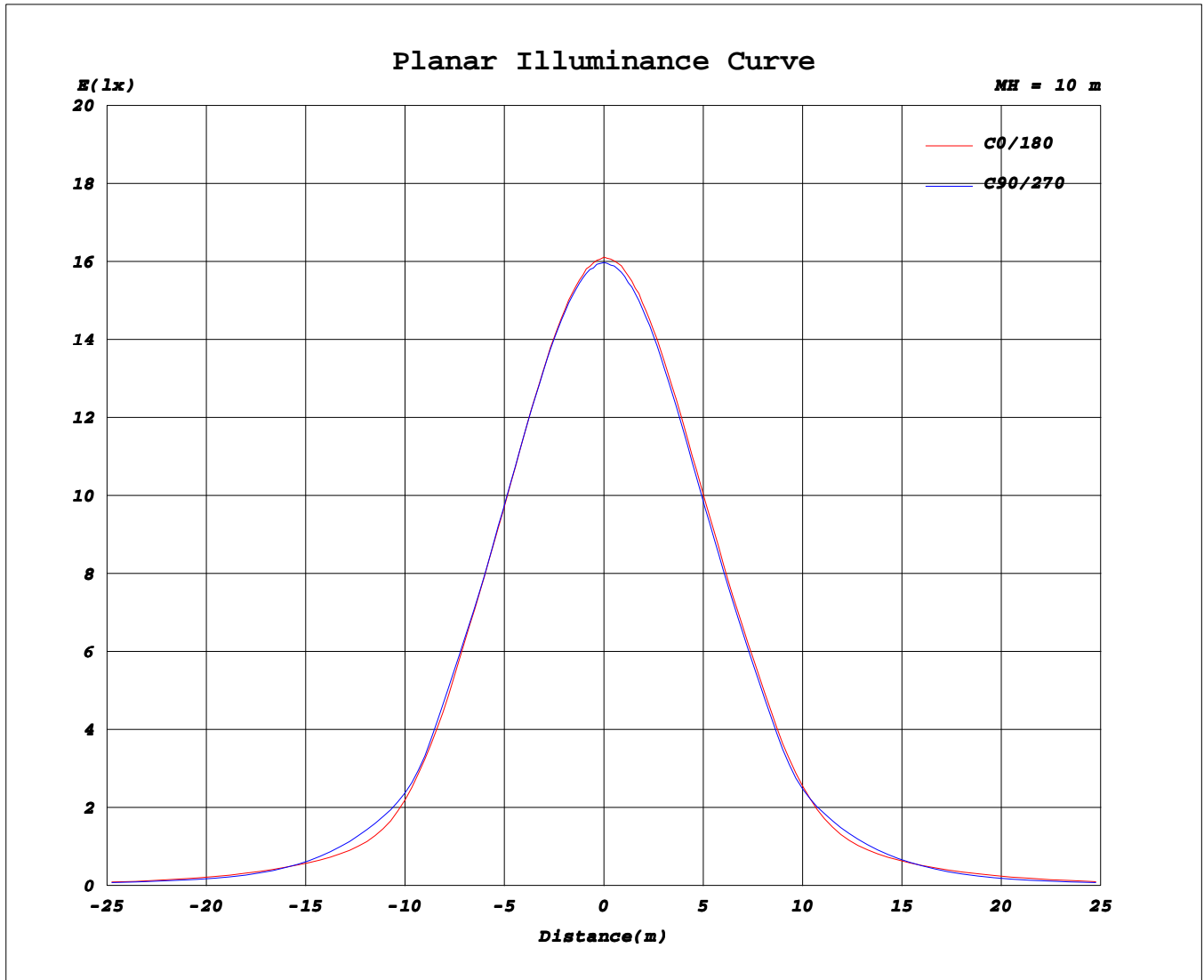
AvgL	cd/m2
L_0~180(65)av	885
L_0~180(75)av	745
L_0~180(85)av	761
L_90~270(65)av	705
L_90~270(75)av	838
L_90~270(85)av	826
L_45(65)av	796
L_45(75)av	772
L_45(85)av	784

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.13V I:0.1441A P:32.482W PF:0.9793 Freq:50.00Hz Lamp Flux:3250.89x1 lm																		
NAME: LED346 (30W 3000K) Uplight off									TYPE: 调光双色暖白白色					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

UNIT: cd

C(°) \ γ (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600						
5	1588	1590	1590	1590	1590	1592	1596	1595	1593	1594	1591							
10	1561	1564	1565	1566	1566	1570	1578	1574	1573	1572	1568							
15	1520	1523	1526	1528	1529	1532	1543	1538	1540	1537	1530							
20	1462	1467	1469	1472	1472	1477	1493	1484	1488	1483	1475							
25	1382	1391	1390	1396	1393	1403	1422	1411	1412	1409	1401							
30	1276	1283	1287	1288	1290	1298	1329	1314	1304	1311	1303							
35	1128	1149	1145	1153	1146	1168	1195	1184	1170	1177	1165	1171						
40	888	917	899	934	915	961	995	979	949	970	957	960						
45	618	687	615	675	636	720	718	725	674	704	666	722						
50	425	559	416	542	430	586	493	599	443	564	445	580						
55	349	420	341	399	344	439	387	455	349	427	342	439						
60	293	277	292	265	290	291	324	304	298	292	289	297						
65	221	184	221	185	221	195	251	194	240	190	238	200						
70	152	153	152	160	154	164	176	163	164	150	168	156						
75	116	125	117	134	117	141	127	144	118	140	114	133						
80	74.5	72.2	79.4	80.3	78.9	84.7	92.7	93.8	90.3	91.6	87.7	84.3						
85	32.0	36.7	37.3	40.2	35.7	46.0	51.6	51.4	47.8	50.5	46.0	44.0						
90	0.58	0.57	0.57	0.55	0.54	0.52	5.35	1.64	1.46	0.92	0.90	0.70						
95	0.89	0.84	0.84	0.82	0.81	0.76	0.79	0.82	0.85	0.87	0.87	0.89						
100	1.39	1.31	1.31	1.29	1.28	1.22	1.20	1.24	1.26	1.28	1.29	1.33						
105	2.00	1.94	1.89	1.87	1.86	1.81	1.70	1.79	1.79	1.83	1.87	1.94						
110	2.73	2.70	2.60	2.55	2.54	2.51	2.34	2.45	2.43	2.48	2.52	2.64						
115	3.56	3.53	3.40	3.36	3.31	3.28	3.07	3.21	3.18	3.24	3.29	3.42						
120	4.38	4.31	4.24	4.17	4.18	4.13	3.93	4.06	4.04	4.07	4.15	4.24						
125	5.13	5.01	5.05	4.93	5.00	4.85	4.68	4.76	4.82	4.82	4.94	4.96						
130	5.95	5.81	5.92	5.78	5.81	5.70	5.49	5.52	5.66	5.64	5.78	5.75						
135	6.72	6.61	6.72	6.61	6.62	6.53	6.29	6.30	6.47	6.47	6.59	6.51						
140	7.38	7.32	7.42	7.38	7.33	7.27	7.03	7.03	7.21	7.28	7.32	7.22						
145	7.99	7.97	8.05	8.10	7.97	7.95	7.69	7.70	7.84	8.01	7.96	7.87						
150	8.57	8.58	8.66	8.73	8.60	8.59	8.28	8.31	8.41	8.68	8.53	8.46						
155	9.10	9.17	9.29	9.34	9.21	9.22	8.85	8.92	9.01	9.34	9.11	9.04						
160	9.66	9.82	9.90	9.94	9.85	9.85	9.46	9.56	9.69	10.0	9.75	9.64						
165	10.5	10.8	10.8	10.8	10.7	10.6	10.2	10.3	10.5	10.8	10.6	10.4						
170	11.7	11.9	11.8	11.7	11.8	11.8	11.5	11.5	11.8	11.9	11.8	11.6						
175	12.5	12.5	12.3	12.2	12.4	12.5	12.4	12.4	12.5	12.4	12.6	12.4						
180	12.7	12.7	12.5	12.4	12.5	12.5	12.7	12.7	12.5	12.4	12.5	12.5						

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature: 25.3℃

Operators: Mr.Ma

Test Date: 2024 8.12

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459

Humidity: 65.0%

Test Distance: 6.100m [K=1.0000]

Remarks: