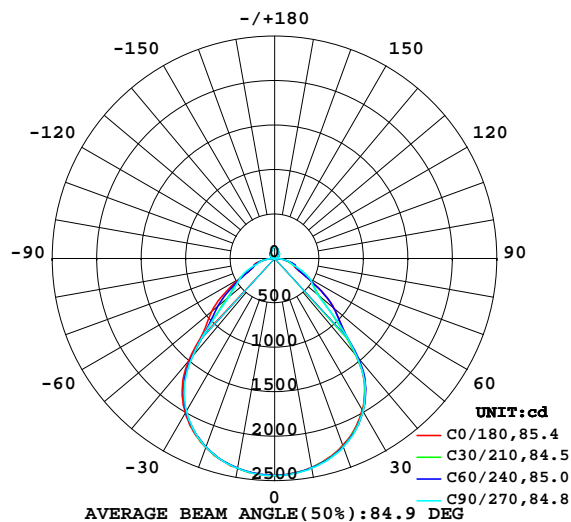


## LUMINAIRE PHOTOMETRIC TEST REPORT

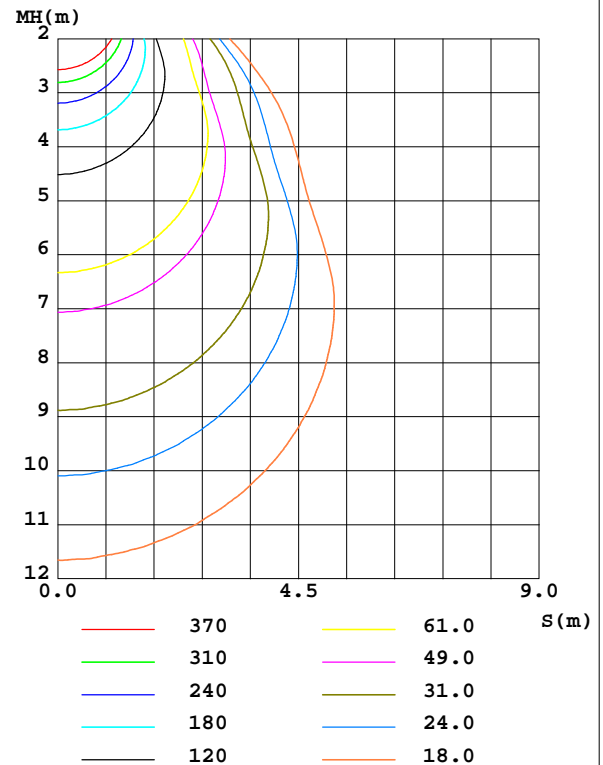
Test:U:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 107.61 lm/W
MODEL		Imax(cd)	2446	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	55	LOR(%)	100.0	S/MH(C90/270)	1.21	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	5255.2	$\eta$ UP,DN(C0-180)	3.2,46.2	
NOMINAL FLUX(lm)	5255.16	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	3.0,47.6	
LAMPS INSIDE	1	$\eta$ up(%)	6.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	229.5	$\eta$ down(%)	93.8	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℃

Operators:Mr.Ma

Test Date:12 August 2024

 $\gamma$  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	2385	2391	2392	2385	2399	2395	2394	2399	0- 10	230.6	230.6	4.39,4.39
20	2237	2250	2258	2237	2265	2257	2256	2268	10- 20	658.9	889.4	16.9,16.9
30	1968	1984	1986	1961	2011	1990	1984	2015	20- 30	983.3	1873	35.6,35.6
40	1424	1443	1436	1388	1514	1447	1442	1523	30- 40	1101	2974	56.6,56.6
50	877.2	764.1	634.2	770.5	922.3	763.8	672.0	834.9	40- 50	819.2	3793	72.2,72.2
60	404.7	431.7	459.0	429.2	457.0	444.8	448.6	485.7	50- 60	541.4	4334	82.5,82.5
70	230.1	236.3	235.4	233.4	253.0	244.9	250.9	253.7	60- 70	324.9	4659	88.7,88.7
80	120.7	122.0	128.0	119.6	136.1	132.3	131.1	139.6	70- 80	201.8	4861	92.5,92.5
90	1.884	1.882	1.853	1.919	4.574	2.028	1.971	5.898	80- 90	70.68	4932	93.8,93.8
100	13.31	13.16	13.01	14.59	11.62	12.00	12.49	10.88	90-100	6.555	4938	94,94
110	33.60	34.08	33.49	35.29	31.95	32.96	32.09	30.74	100-110	23.84	4962	94.4,94.4
120	52.27	52.34	52.81	53.88	50.21	50.43	48.92	48.29	110-120	42.31	5004	95.2,95.2
130	67.64	68.87	70.18	70.21	66.72	65.68	63.41	62.57	120-130	52.90	5057	96.2,96.2
140	80.49	82.41	83.59	82.56	80.15	78.36	75.54	74.92	130-140	56.87	5114	97.3,97.3
150	90.26	92.16	93.16	91.34	90.24	87.95	85.11	83.81	140-150	53.07	5167	98.3,98.3
160	107.5	108.1	108.8	106.9	105.2	103.0	100.4	98.31	150-160	43.43	5211	99.2,99.2
170	125.4	125.5	124.5	123.4	124.2	123.4	121.1	118.6	160-170	32.43	5243	99.8,99.8
180	131.6	131.3	130.5	128.3	131.7	131.3	130.4	128.3	170-180	12.05	5255	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 3429.6 lm

%lum = 65.3%

%lamp = 65.3%

Conical surface Flux(130deg): 4518.4 lm

%lum = 86.0%

%lamp = 86.0%

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Mr.Ma

Test Date:12 August 2024

 $\gamma$  Range: 0 - 180DEG $\gamma$  Interval: 1.0DEG $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459

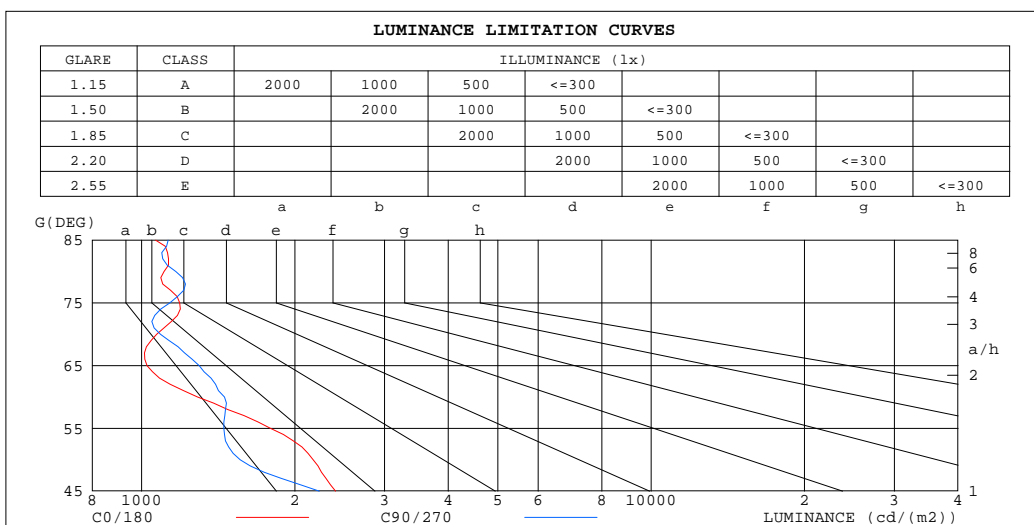
Humidity:65.0%

Test Distance:6.100m [K=1.0000]

Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1066	1128
80	1106	1167
75	1188	1137
70	1070	1090
65	1025	1297
60	1288	1454
55	1792	1451
50	2172	1563
45	2402	2231

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature: 25.3°C

Operators: Mr.Ma

Test Date: 12 August 2024

 $\gamma$  Range: 0 - 180DEG $\gamma$  Interval: 1.0DEG

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

Humidity: 65.0%

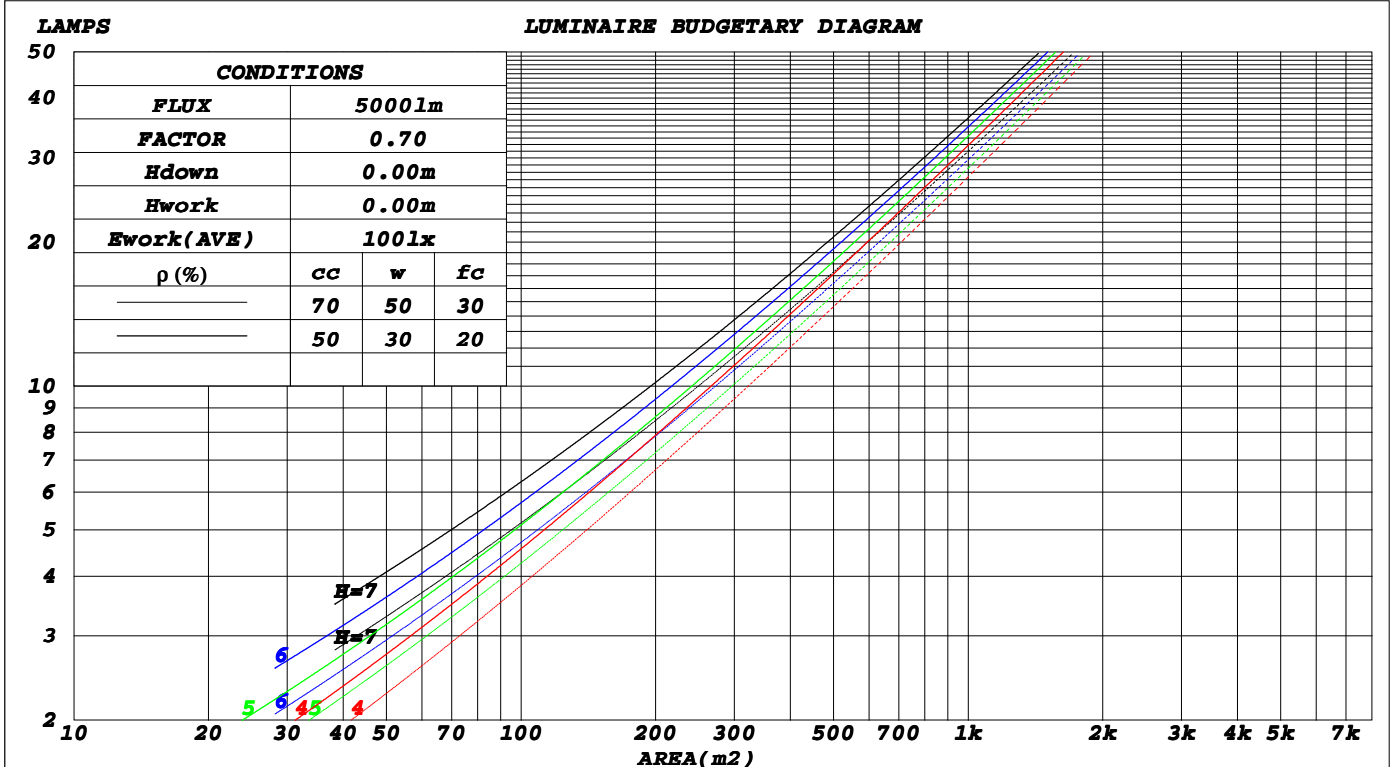
Test Distance: 6.100m [K=1.0000]

Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	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	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.96	.96	.96	.94
1.0	1.05	1.01	.98	1.02	.99	.96	.97	.94	.92	.92	.90	.88	.87	.86	.84	.82
2.0	.93	.87	.83	.91	.86	.81	.87	.82	.78	.82	.79	.76	.79	.76	.73	.71
3.0	.84	.77	.71	.82	.75	.70	.78	.72	.68	.74	.70	.66	.71	.67	.64	.62
4.0	.75	.68	.62	.74	.66	.61	.70	.64	.60	.68	.62	.58	.65	.60	.57	.55
5.0	.68	.60	.54	.67	.59	.54	.64	.58	.53	.62	.56	.52	.59	.54	.51	.48
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.56	.51	.46	.54	.49	.45	.43
7.0	.57	.49	.43	.56	.48	.43	.54	.47	.42	.52	.46	.42	.50	.45	.41	.39
8.0	.52	.45	.39	.51	.44	.39	.50	.43	.38	.48	.42	.38	.46	.41	.37	.35
9.0	.48	.41	.36	.47	.40	.35	.46	.39	.35	.44	.39	.34	.43	.38	.34	.32
10.0	.45	.37	.33	.44	.37	.32	.43	.36	.32	.41	.36	.32	.40	.35	.31	.30



C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature: 25.3°C

Operators: Mr.Ma

Test Date: 12 August 2024

 $\gamma$  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:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	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	.255	.146	.046	.239	.137	.044	.224	.129	.041	.210	.122	.039															
2.0	.249	.137	.042	.242	.133	.041	.227	.126	.039	.214	.120	.038	.201	.114	.036															
3.0	.233	.124	.037	.226	.121	.036	.213	.116	.035	.201	.110	.034	.190	.105	.033															
4.0	.218	.113	.033	.211	.111	.033	.200	.106	.032	.189	.102	.031	.179	.097	.030															
5.0	.203	.104	.030	.198	.102	.030	.188	.098	.029	.178	.094	.028	.169	.090	.027															
6.0	.190	.095	.027	.186	.094	.027	.176	.090	.026	.168	.087	.026	.159	.084	.025															
7.0	.179	.088	.025	.174	.087	.025	.166	.084	.024	.158	.081	.024	.151	.078	.023															
8.0	.168	.082	.023	.164	.081	.023	.157	.078	.022	.150	.076	.022	.143	.073	.021															
9.0	.159	.077	.021	.155	.076	.021	.148	.073	.021	.142	.071	.020	.136	.069	.020															
10.0	.150	.072	.020	.147	.071	.020	.141	.069	.019	.135	.067	.019	.129	.065	.019															

$\rho_{cc}$	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	.237	.237	.237	.203	.203	.203	.138	.138	.138	.080	.080	.080	.025	.025	.025	
1.0	.224	.204	.185	.192	.175	.159	.131	.120	.110	.076	.070	.064	.024	.022	.021	
2.0	.214	.180	.151	.183	.155	.130	.126	.107	.091	.072	.062	.053	.023	.020	.017	
3.0	.205	.162	.127	.176	.140	.110	.121	.097	.077	.070	.057	.046	.022	.018	.015	
4.0	.197	.148	.111	.169	.128	.097	.116	.089	.068	.067	.052	.040	.022	.017	.013	
5.0	.190	.138	.099	.163	.119	.086	.112	.083	.061	.065	.049	.036	.021	.016	.012	
6.0	.183	.129	.091	.157	.112	.079	.108	.078	.056	.063	.046	.033	.020	.015	.011	
7.0	.176	.122	.084	.152	.106	.074	.105	.074	.052	.061	.044	.031	.020	.014	.010	
8.0	.170	.117	.079	.147	.101	.069	.102	.071	.049	.059	.042	.029	.019	.014	.010	
9.0	.165	.112	.076	.142	.097	.066	.098	.068	.047	.057	.040	.028	.019	.013	.009	
10.0	.160	.107	.073	.138	.093	.063	.096	.066	.045	.056	.039	.027	.018	.013	.009	

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Mr.Ma

Test Date:12 August 2024

 $\gamma$  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:

**UGR(Unified Glare Rating) Table**

Test:U:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm										
NAME: LED347 (55W 4000K) Uplight brighter					TYPE: 调光双色中性白白色			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>7.6</b>	<b>8.8</b>	<b>7.9</b>	<b>9.1</b>	<b>9.4</b>	<b>7.6</b>	<b>8.8</b>	<b>7.9</b>	<b>9.1</b>	<b>9.4</b>
<b>3H</b>	<b>8.2</b>	<b>9.4</b>	<b>8.6</b>	<b>9.7</b>	<b>10.1</b>	<b>8.4</b>	<b>9.5</b>	<b>8.7</b>	<b>9.8</b>	<b>10.2</b>
<b>4H</b>	<b>8.7</b>	<b>9.8</b>	<b>9.1</b>	<b>10.1</b>	<b>10.5</b>	<b>8.8</b>	<b>9.9</b>	<b>9.2</b>	<b>10.2</b>	<b>10.6</b>
<b>6H</b>	<b>9.1</b>	<b>10.1</b>	<b>9.5</b>	<b>10.5</b>	<b>10.9</b>	<b>9.2</b>	<b>10.3</b>	<b>9.6</b>	<b>10.6</b>	<b>11.0</b>
<b>8H</b>	<b>9.2</b>	<b>10.2</b>	<b>9.7</b>	<b>10.6</b>	<b>11.0</b>	<b>9.4</b>	<b>10.4</b>	<b>9.8</b>	<b>10.7</b>	<b>11.2</b>
<b>12H</b>	<b>9.3</b>	<b>10.3</b>	<b>9.8</b>	<b>10.7</b>	<b>11.1</b>	<b>9.5</b>	<b>10.4</b>	<b>9.9</b>	<b>10.8</b>	<b>11.3</b>
<b>4H 2H</b>	<b>7.8</b>	<b>8.9</b>	<b>8.2</b>	<b>9.3</b>	<b>9.6</b>	<b>7.8</b>	<b>8.9</b>	<b>8.2</b>	<b>9.2</b>	<b>9.6</b>
<b>3H</b>	<b>8.7</b>	<b>9.7</b>	<b>9.1</b>	<b>10.0</b>	<b>10.5</b>	<b>8.8</b>	<b>9.8</b>	<b>9.3</b>	<b>10.2</b>	<b>10.6</b>
<b>4H</b>	<b>9.3</b>	<b>10.2</b>	<b>9.8</b>	<b>10.6</b>	<b>11.0</b>	<b>9.5</b>	<b>10.3</b>	<b>9.9</b>	<b>10.8</b>	<b>11.2</b>
<b>6H</b>	<b>9.8</b>	<b>10.6</b>	<b>10.3</b>	<b>11.0</b>	<b>11.5</b>	<b>10.1</b>	<b>10.8</b>	<b>10.6</b>	<b>11.3</b>	<b>11.8</b>
<b>8H</b>	<b>10.1</b>	<b>10.8</b>	<b>10.6</b>	<b>11.2</b>	<b>11.7</b>	<b>10.3</b>	<b>11.0</b>	<b>10.8</b>	<b>11.5</b>	<b>12.0</b>
<b>12H</b>	<b>10.2</b>	<b>10.9</b>	<b>10.8</b>	<b>11.4</b>	<b>11.9</b>	<b>10.5</b>	<b>11.1</b>	<b>11.0</b>	<b>11.6</b>	<b>12.1</b>
<b>8H 4H</b>	<b>9.5</b>	<b>10.2</b>	<b>10.0</b>	<b>10.7</b>	<b>11.2</b>	<b>9.7</b>	<b>10.4</b>	<b>10.2</b>	<b>10.9</b>	<b>11.4</b>
<b>6H</b>	<b>10.2</b>	<b>10.8</b>	<b>10.7</b>	<b>11.3</b>	<b>11.9</b>	<b>10.4</b>	<b>11.0</b>	<b>11.0</b>	<b>11.5</b>	<b>12.1</b>
<b>8H</b>	<b>10.5</b>	<b>11.1</b>	<b>11.1</b>	<b>11.6</b>	<b>12.2</b>	<b>10.8</b>	<b>11.3</b>	<b>11.3</b>	<b>11.8</b>	<b>12.4</b>
<b>12H</b>	<b>10.8</b>	<b>11.3</b>	<b>11.4</b>	<b>11.8</b>	<b>12.4</b>	<b>11.1</b>	<b>11.5</b>	<b>11.6</b>	<b>12.0</b>	<b>12.6</b>
<b>12H 4H</b>	<b>9.5</b>	<b>10.2</b>	<b>10.0</b>	<b>10.7</b>	<b>11.2</b>	<b>9.7</b>	<b>10.3</b>	<b>10.2</b>	<b>10.8</b>	<b>11.3</b>
<b>6H</b>	<b>10.3</b>	<b>10.8</b>	<b>10.8</b>	<b>11.3</b>	<b>11.9</b>	<b>10.5</b>	<b>11.0</b>	<b>11.0</b>	<b>11.5</b>	<b>12.1</b>
<b>8H</b>	<b>10.7</b>	<b>11.1</b>	<b>11.2</b>	<b>11.6</b>	<b>12.2</b>	<b>10.9</b>	<b>11.3</b>	<b>11.4</b>	<b>11.9</b>	<b>12.5</b>
<b>Variations with the observer position at spacings(CIE Pub.117):</b>										
<b>S = 1.0H</b>	<b>+ 0.4 / - 0.4</b>					<b>+ 0.4 / - 0.5</b>				
<b>1.5H</b>	<b>+ 0.4 / - 0.3</b>					<b>+ 0.4 / - 0.6</b>				
<b>2.0H</b>	<b>+ 0.7 / - 0.6</b>					<b>+ 0.6 / - 0.8</b>				

CIE Pub.117, 5255 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 5.8$ )  
 Area: 0.63 m2

<b>C Range: 0 - 360DEG</b> <b>C Interval: 30.0DEG</b> <b>Test Speed: HIGH</b> <b>Temperature:25.3℃</b> <b>Operators:Mr.Ma</b> <b>Test Date:12 August 2024</b>	<b>γ Range: 0 - 180DEG</b> <b>γ Interval: 1.0DEG</b> <b>Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459</b> <b>Humidity:65.0%</b> <b>Test Distance:6.100m [K=1.0000]</b> <b>Remarks:</b>
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**UTILIZATION FACTORS TABLE**

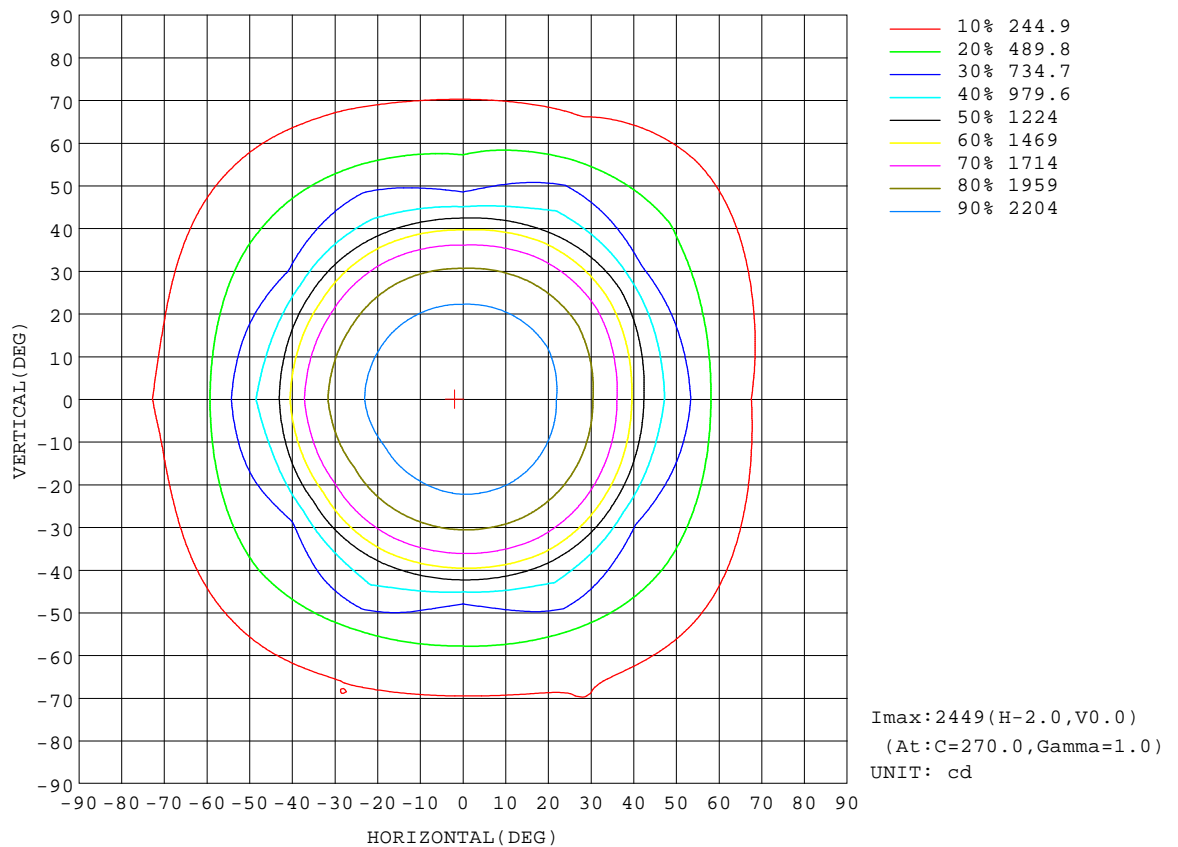
Test:U:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

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) $k(RI) \times RCR = 5$									
$k = 0.60$	65	55	49	64	54	48	62	53	48	42
0.80	74	64	58	73	64	58	71	63	57	51
1.00	82	72	66	80	71	66	78	72	65	58
1.25	88	79	73	86	78	72	83	76	71	64
1.50	92	84	78	90	83	77	87	80	76	68
2.00	98	91	85	96	89	84	92	86	82	74
2.50	101	94	89	99	93	88	94	89	85	76
3.00	104	98	93	101	96	92	96	92	89	79
4.00	107	102	98	104	100	96	99	96	93	83
5.00	109	105	101	106	102	99	101	98	95	85
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°C**
**Operators: Mr.Ma**
**Test Date: 12 August 2024**
 **$\gamma$  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:**

## ISOCANDELA DIAGRAM

Test:U:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



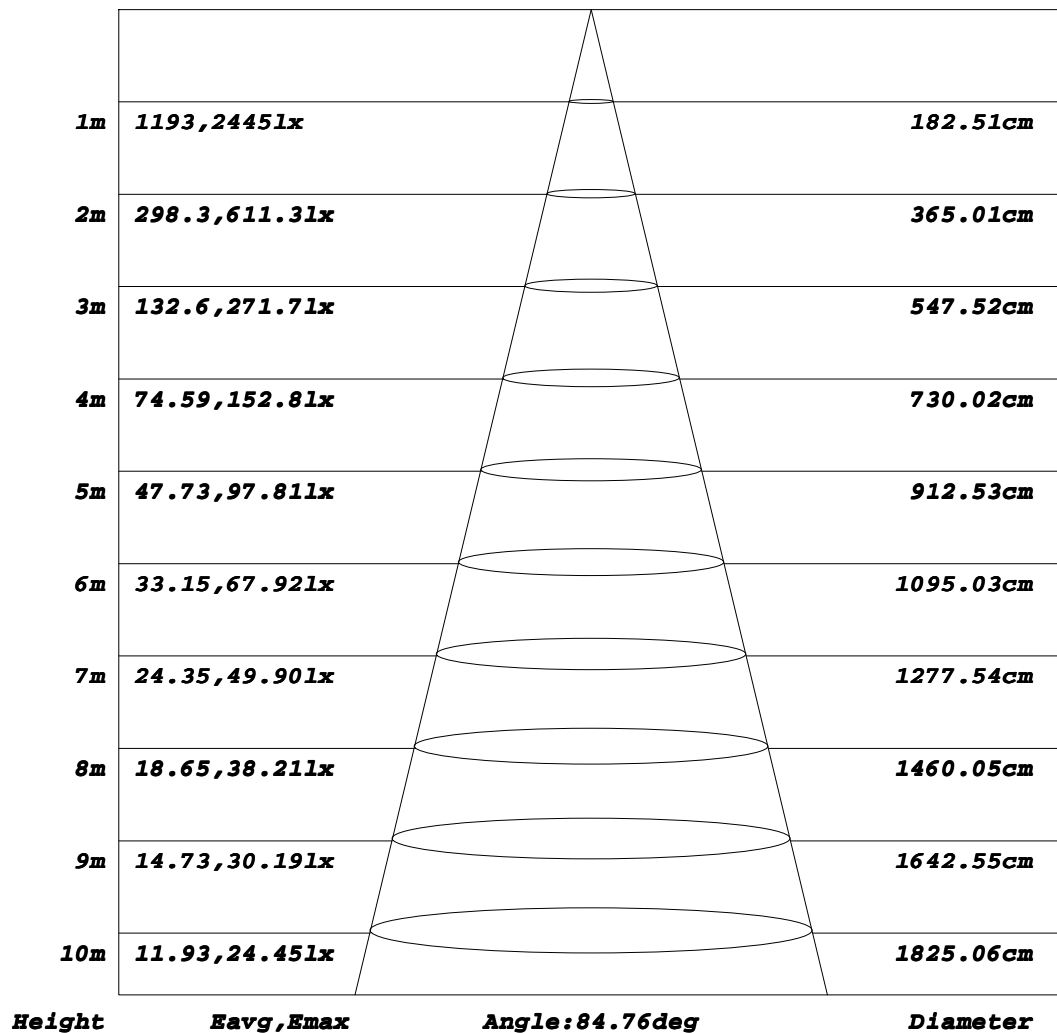
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 12 August 2024

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:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

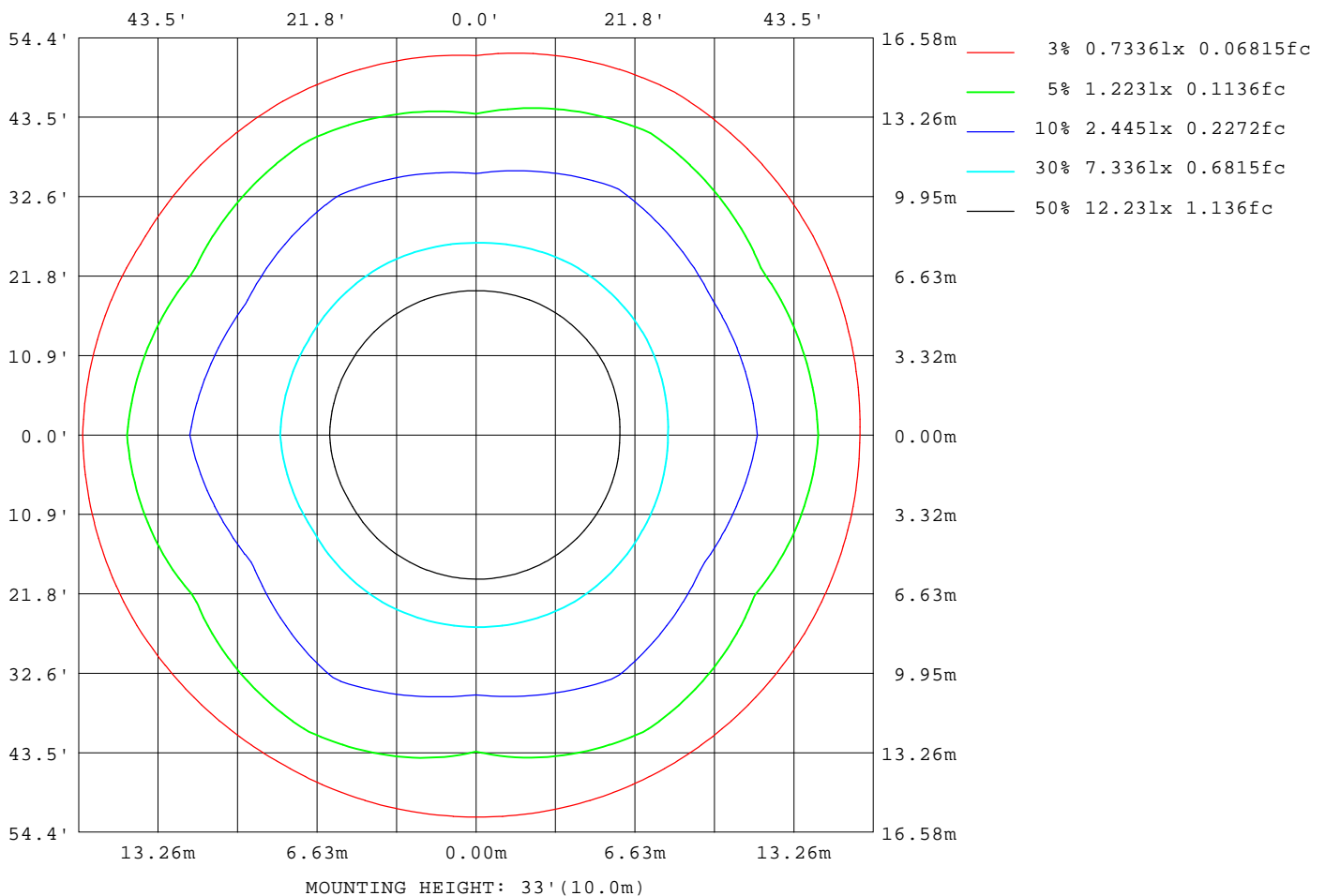
**Flux out:3260 lm**


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

**C Range: 0 - 360 DEG**
**C Interval: 30.0 DEG**
**Test Speed: HIGH**
**Temperature: 25.3 °C**
**Operators: Mr.Ma**
**Test Date: 12 August 2024**
**γ Range: 0 - 180 DEG**
**γ Interval: 1.0 DEG**
**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:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	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: 12 August 2024

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:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	1066
L_0~180(75)av	1273
L_0~180(85)av	1269
L_90~270(65)av	1335
L_90~270(75)av	1142
L_90~270(85)av	1187
L_45(65)av	1211
L_45(75)av	1194
L_45(85)av	1230

Standard: GB/T 29293-2012

**C Range: 0 - 360DEG**

**C Interval: 30.0DEG**

**Test Speed: HIGH**

**Temperature:25.3℃**

**Operators:Mr.Ma**

**Test Date:12 August 2024**

**γ Range: 0 - 180DEG**

**γ Interval: 1.0DEG**

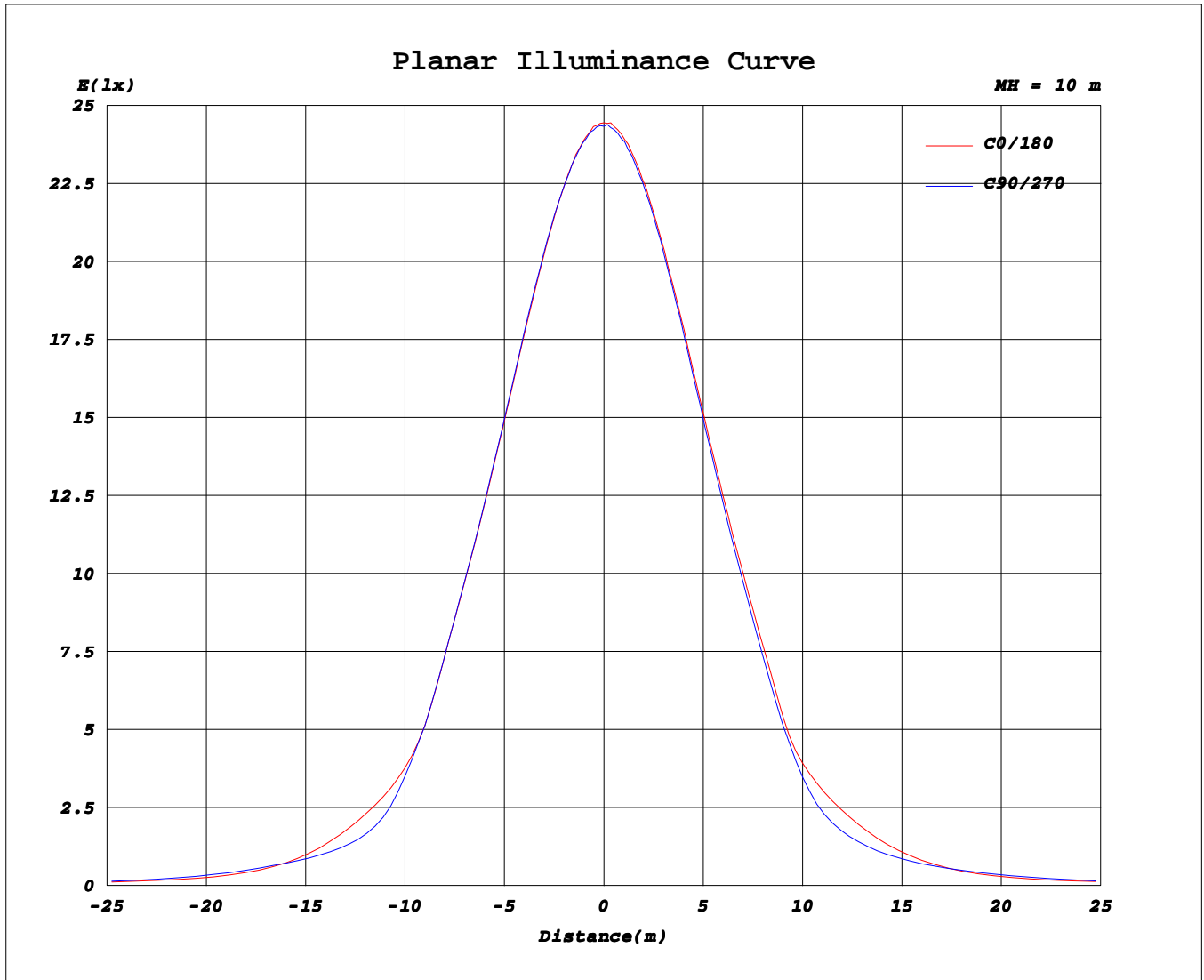
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**

**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: 12 August 2024

 $\gamma$  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:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:230.11V I:0.2175A P:48.834W PF:0.9758 Freq:50.00Hz Lamp Flux:5255.16x1 lm		
NAME: LED347 (55W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	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	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439							
5	2422	2426	2425	2428	2426	2423	2431	2429	2426	2427	2429	2430							
10	2385	2390	2392	2392	2386	2383	2399	2397	2393	2394	2399	2400							
15	2323	2332	2335	2340	2325	2323	2344	2342	2339	2339	2346	2348							
20	2237	2248	2253	2258	2239	2234	2265	2259	2254	2256	2264	2271							
25	2122	2134	2140	2141	2120	2115	2155	2144	2141	2141	2154	2165							
30	1968	1979	1988	1986	1966	1956	2011	1990	1990	1984	2008	2021							
35	1764	1772	1789	1777	1759	1739	1817	1782	1786	1773	1814	1829							
40	1424	1417	1469	1436	1421	1355	1514	1435	1458	1442	1525	1520							
45	1067	962	1065	996	1080	941	1107	1007	1039	987	1118	1138							
50	877	660	868	634	888	653	922	696	832	672	910	759							
55	646	538	638	526	636	563	698	556	622	532	696	580							
60	405	458	405	459	392	466	457	462	427	449	480	492							
65	272	339	280	346	267	332	295	355	302	365	312	388							
70	230	223	249	235	244	222	253	243	246	251	239	269							
75	193	171	207	186	206	184	222	194	204	187	213	181							
80	121	121	123	128	119	120	136	134	131	131	138	141							
85	58.4	61.3	70.9	62.1	58.8	53.7	81.0	67.7	71.9	68.3	75.7	80.1							
90	1.88	1.83	1.93	1.85	1.86	1.98	4.57	2.12	1.93	1.97	4.13	7.67							
95	6.24	5.57	5.53	5.63	6.15	6.73	4.89	4.99	5.29	5.34	4.21	4.27							
100	13.3	13.2	13.1	13.0	14.5	14.7	11.6	11.9	12.1	12.5	10.8	11.0							
105	22.9	23.9	22.9	22.7	24.8	24.5	21.2	22.7	21.8	21.9	21.1	19.5							
110	33.6	34.6	33.6	33.5	35.5	35.1	32.0	33.6	32.4	32.1	31.4	30.1							
115	43.7	44.7	43.8	43.7	45.7	45.1	42.3	43.4	42.2	41.9	41.4	40.3							
120	52.3	52.8	51.9	52.8	54.3	53.4	50.2	50.8	50.0	48.9	48.5	48.0							
125	60.2	61.0	60.2	61.3	62.4	61.9	58.3	58.7	57.5	56.4	55.8	55.6							
130	67.6	69.7	68.1	70.2	69.9	70.5	66.7	65.8	65.5	63.4	62.6	62.5							
135	74.4	76.7	75.4	77.3	76.5	77.2	73.9	72.6	72.2	70.0	70.0	68.8							
140	80.5	83.2	81.6	83.6	82.3	82.8	80.2	78.5	78.2	75.5	75.5	74.4							
145	85.7	88.7	87.0	88.8	87.2	87.5	85.6	83.6	83.6	80.6	80.4	79.0							
150	90.3	92.9	91.4	93.2	91.2	91.4	90.2	87.9	88.0	85.1	84.6	83.0							
155	94.8	96.8	95.4	97.2	94.9	95.1	94.4	91.8	91.7	89.0	88.2	86.7							
160	107	109	107	109	107	107	105	103	103	100	99.3	97.3							
165	117	119	118	119	116	118	117	115	116	113	112	110							
170	125	126	125	125	123	124	124	124	123	121	120	117							
175	129	130	130	129	127	127	129	129	128	127	125	124							
180	132	132	131	131	129	128	132	132	131	130	129	128							

**C Range: 0 - 360DEG**
**C Interval: 30.0DEG**
**Test Speed: HIGH**
**Temperature: 25.3℃**
**Operators: Mr.Ma**
**Test Date: 12 August 2024**
**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:**