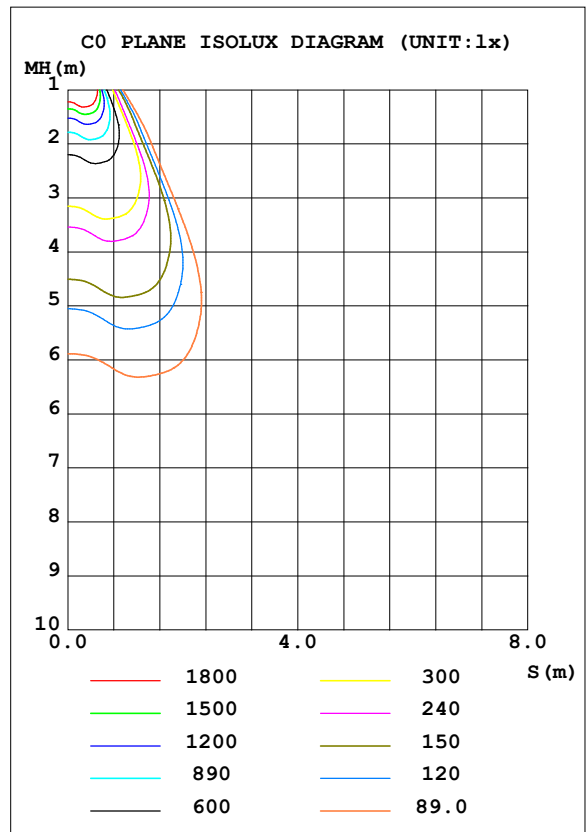
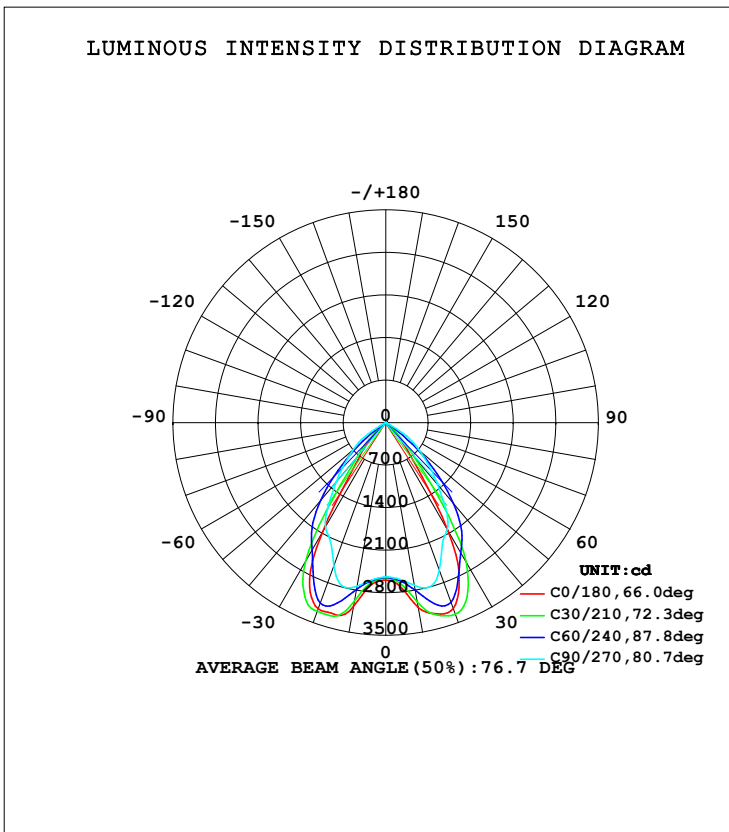


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm		
NAME:LED Module panel light 6060 30W	TYPE:	WEIGHT:
SPEC.:AC-MP6060-30WA	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.02 lm/W			
MODEL		I <sub>max</sub> (cd)	3362	S/MH (C0/180)	0.95
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.14
RATED VOLTAGE (V)		TOTAL FLUX (lm)	4211.5	η UP, DN (C0-180)	0.0, 51.2
NOMINAL FLUX (lm)	4211.49	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 48.8
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	99.9	CIBSE SHR MAX	0.65



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: yu  
 Test Date: 2018-04-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0504]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	3084	2890	2716	2773	3071	2890	2732	2932	0- 10	258.4	258.4	6.13,6.13
20	3249	3327	2580	3353	3259	3318	2504	3255	10- 20	873.3	1132	26.9,26.9
30	2041	2674	2024	2694	2104	2641	1982	2498	20- 30	1282	2414	57.3,57.3
40	453.8	1330	1319	1553	562.2	1177	1267	1257	30- 40	1061	3474	82.5,82.5
50	58.87	232.0	738.8	391.4	81.89	250.0	708.5	205.5	40- 50	552.3	4026	95.6,95.6
60	1.447	2.602	186.3	5.393	1.549	2.442	115.3	2.214	50- 60	170.1	4196	99.6,99.6
70	0.9279	1.055	2.144	1.183	1.001	1.191	1.890	1.087	60- 70	9.627	4206	99.9,99.9
80	0.5982	0.7203	1.575	0.7997	0.6771	0.7752	1.469	0.7507	70- 80	1.128	4207	99.9,99.9
90	0.7861	1.570	2.555	1.668	0.6536	1.366	2.333	1.494	80- 90	1.213	4208	99.9,99.9
100	2.752	4.309	5.676	4.443	1.880	3.638	5.017	3.912	90-100	2.819	4211	100,100
110	0	0	0	0	0	0	0	0	100-110	0.2120	4211	100,100
120	0	0	0	0	0	0	0	0	110-120	0	4211	100,100
130	0	0	0	0	0	0	0	0	120-130	0	4211	100,100
140	0	0	0	0	0	0	0	0	130-140	0	4211	100,100
150	0	0	0	0	0	0	0	0	140-150	0	4211	100,100
160	0	0	0	0	0	0	0	0	150-160	0	4211	100,100
170	0	0	0	0	0	0	0	0	160-170	0	4211	100,100
180	0	0	0	0	0	0	0	0	170-180	0	4211	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

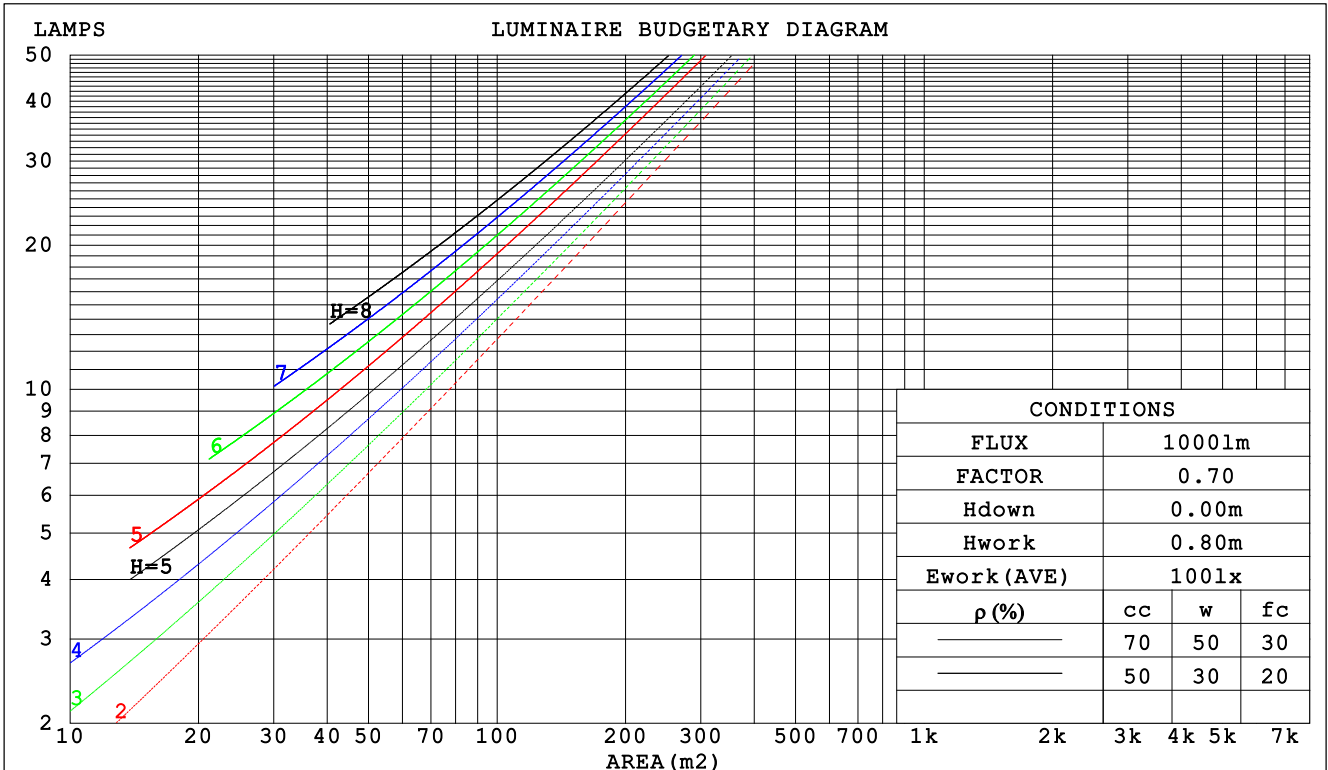
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yu  
 Test Date:2018-04-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0504]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm		
NAME:LED Module panel light 6060 30W	TYPE:	WEIGHT:
SPEC.:AC-MP6060-30WA	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	1.02	1.02	1.02	.00
1.0	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.93	.88	.83	.92	.87	.82	.89	.85	.81	.86	.83	.80	.84	.81	.79	.77
4.0	.86	.80	.75	.85	.79	.74	.82	.77	.74	.80	.76	.73	.78	.75	.72	.70
5.0	.79	.73	.68	.78	.72	.68	.76	.71	.67	.75	.70	.66	.73	.69	.66	.64
6.0	.73	.67	.62	.73	.66	.62	.71	.65	.61	.70	.65	.61	.68	.64	.60	.59
7.0	.68	.61	.57	.67	.61	.57	.66	.60	.56	.65	.60	.56	.64	.59	.56	.54
8.0	.63	.57	.52	.63	.57	.52	.62	.56	.52	.61	.55	.52	.60	.55	.51	.50
9.0	.59	.53	.48	.59	.52	.48	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46
10.0	.55	.49	.45	.55	.49	.45	.54	.48	.44	.53	.48	.44	.52	.48	.44	.43



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yu  
 Test Date:2018-04-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0504]  
 Remarks:

## WEC AND CCEC

Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm		
NAME:LED Module panel light 6060 30W	TYPE:	WEIGHT:
SPEC.:AC-MP6060-30WA	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	.195	.111	.035	.188	.107	.034	.175	.101	.032	.164	.094	.030	.153	.089	.029	
2.0	.190	.104	.032	.184	.101	.031	.173	.096	.030	.163	.091	.029	.154	.087	.027	
3.0	.182	.097	.029	.177	.095	.029	.168	.091	.028	.159	.087	.027	.151	.084	.026	
4.0	.174	.091	.027	.170	.089	.026	.162	.086	.026	.154	.083	.025	.147	.080	.024	
5.0	.166	.085	.025	.163	.083	.024	.155	.081	.024	.149	.079	.023	.143	.076	.023	
6.0	.159	.080	.023	.156	.079	.023	.149	.076	.022	.143	.074	.022	.138	.073	.022	
7.0	.152	.075	.021	.149	.074	.021	.143	.072	.021	.138	.071	.021	.133	.069	.020	
8.0	.145	.071	.020	.142	.070	.020	.137	.069	.020	.132	.067	.019	.128	.066	.019	
9.0	.139	.067	.019	.136	.066	.019	.132	.065	.018	.127	.064	.018	.123	.063	.018	
10.0	.133	.064	.018	.131	.063	.018	.126	.062	.017	.123	.061	.017	.119	.060	.017	

$\rho_{cc}$	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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.173	.158	.144	.148	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.159	.133	.111	.136	.114	.096	.093	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.148	.114	.087	.127	.099	.076	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.139	.100	.070	.119	.086	.061	.082	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.131	.089	.057	.113	.077	.050	.078	.054	.035	.045	.031	.021	.014	.010	.007	
6.0	.124	.080	.048	.107	.069	.041	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.118	.072	.040	.102	.063	.035	.070	.044	.025	.041	.026	.015	.013	.008	.005	
8.0	.113	.066	.034	.097	.058	.030	.067	.040	.021	.039	.024	.013	.013	.008	.004	
9.0	.108	.061	.030	.093	.053	.026	.064	.037	.019	.037	.022	.011	.012	.007	.004	
10.0	.103	.057	.026	.089	.050	.023	.062	.035	.016	.036	.021	.010	.012	.007	.003	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yu  
Test Date:2018-04-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
Humidity:65.0%  
Test Distance:8.000m [K=1.0504]  
Remarks:

## UGR(Unified Glare Rating) Table

Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm										
NAME:LED Module panel light 6060 30W					TYPE:			WEIGHT:		
SPEC.:AC-MP6060-30WA					DIM.:			SERIAL No.:		
MFR.:					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	8.9	10.0	9.1	10.1	10.3	14.5	15.6	14.8	15.8	16.0
3H	8.7	9.7	9.0	9.9	10.1	14.4	15.4	14.6	15.6	15.8
4H	8.6	9.5	8.9	9.8	10.0	14.3	15.2	14.6	15.4	15.7
6H	8.5	9.4	8.8	9.6	9.9	14.2	15.0	14.5	15.3	15.6
8H	8.5	9.3	8.8	9.6	9.8	14.1	15.0	14.4	15.2	15.5
12H	8.4	9.2	8.8	9.5	9.8	14.1	14.9	14.4	15.2	15.4
4H 2H	8.7	9.6	9.0	9.9	10.1	14.3	15.2	14.6	15.4	15.7
3H	8.5	9.3	8.9	9.6	9.9	14.1	14.9	14.4	15.2	15.4
4H	8.4	9.2	8.8	9.5	9.8	14.0	14.7	14.3	15.0	15.3
6H	8.3	9.0	8.7	9.3	9.7	13.9	14.5	14.3	14.9	15.2
8H	8.3	8.9	8.7	9.2	9.6	13.8	14.4	14.2	14.8	15.2
12H	8.2	8.8	8.7	9.2	9.5	13.8	14.3	14.2	14.7	15.1
8H 4H	8.3	8.9	8.7	9.2	9.6	13.8	14.4	14.2	14.8	15.2
6H	8.2	8.7	8.6	9.1	9.5	13.8	14.2	14.2	14.6	15.0
8H	8.1	8.6	8.6	9.0	9.4	13.7	14.1	14.2	14.5	15.0
12H	8.1	8.5	8.6	8.9	9.4	13.7	14.0	14.1	14.5	14.9
12H 4H	8.2	8.8	8.7	9.2	9.5	13.8	14.3	14.2	14.7	15.1
6H	8.1	8.6	8.6	9.0	9.4	13.7	14.1	14.2	14.5	15.0
8H	8.1	8.5	8.6	8.9	9.4	13.7	14.0	14.1	14.5	14.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.9 / -25.3					+ 2.1 / - 2.8				
1.5H	+ 3.9 / -23.5					+ 2.1 / - 9.0				
2.0H	+ 6.5 / -17.5					+ 4.7 / -27.3				

CIE Pub.117 Corrected 4211 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.0)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yu  
Test Date:2018-04-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
Humidity:65.0%  
Test Distance:8.000m [K=1.0504]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm		
NAME:LED Module panel light 6060 30W	TYPE:	WEIGHT:
SPEC.:AC-MP6060-30WA	DIM.:	SERIAL No.:
MFR.:	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) $k(RI) \times RCR = 5$									
k = 0.60	80	73	68	80	72	68	79	72	68	64
0.80	89	82	77	88	81	77	87	81	77	72
1.00	95	88	84	94	88	84	92	88	83	79
1.25	100	94	90	99	93	89	97	92	89	84
1.50	103	98	94	102	97	93	100	95	92	87
2.00	107	102	98	105	101	98	102	99	96	91
2.50	109	104	101	107	103	100	104	101	98	92
3.00	110	107	104	109	105	102	105	102	100	94
4.00	113	109	107	111	108	105	107	105	103	95
5.00	114	111	109	112	109	107	108	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yu  
Test Date:2018-04-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
Humidity:65.0%  
Test Distance:8.000m [K=1.0504]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm		
NAME:LED Module panel light 6060 30W	TYPE:	WEIGHT:
SPEC.:AC-MP6060-30WA	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

3808.2 lm

%lum = 90.4%

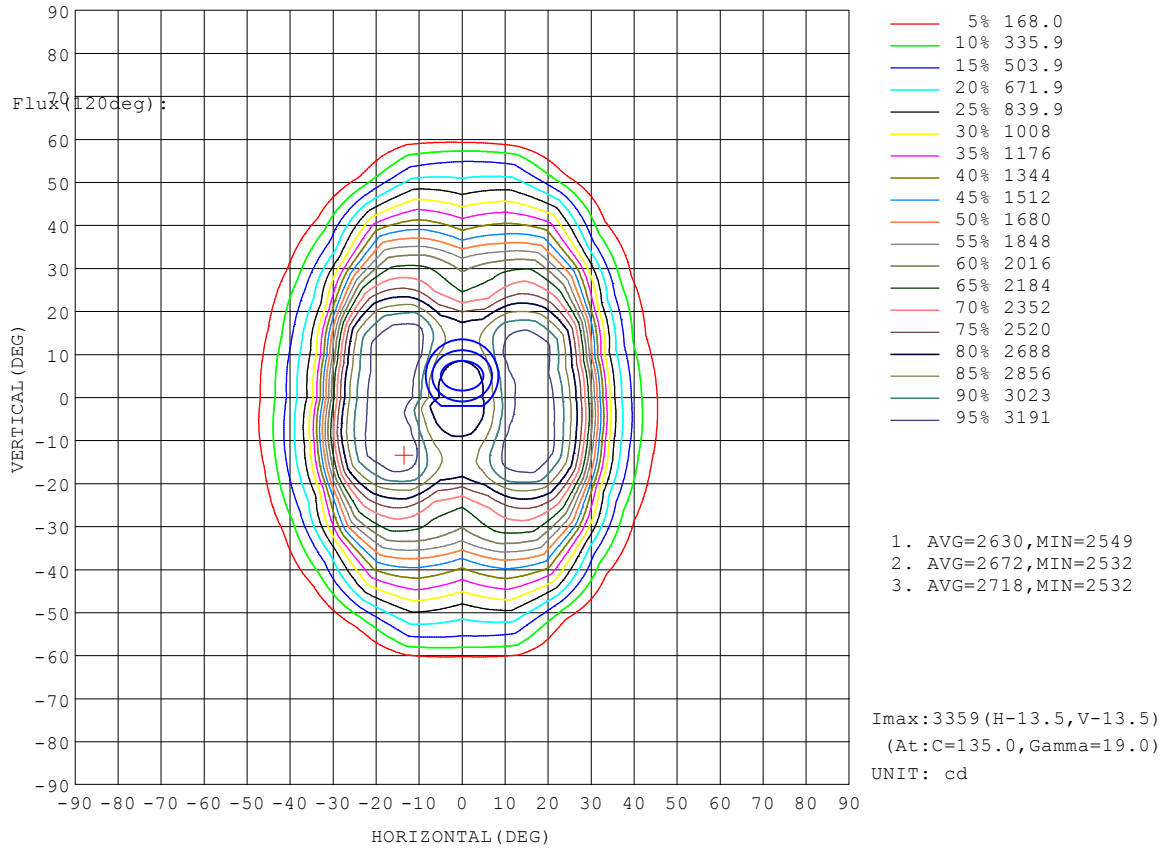
%lamp = 90.4%

Conical surface Flux(20deg):

4196.5 lm

%lum = 99.6%

%lamp = 99.6%

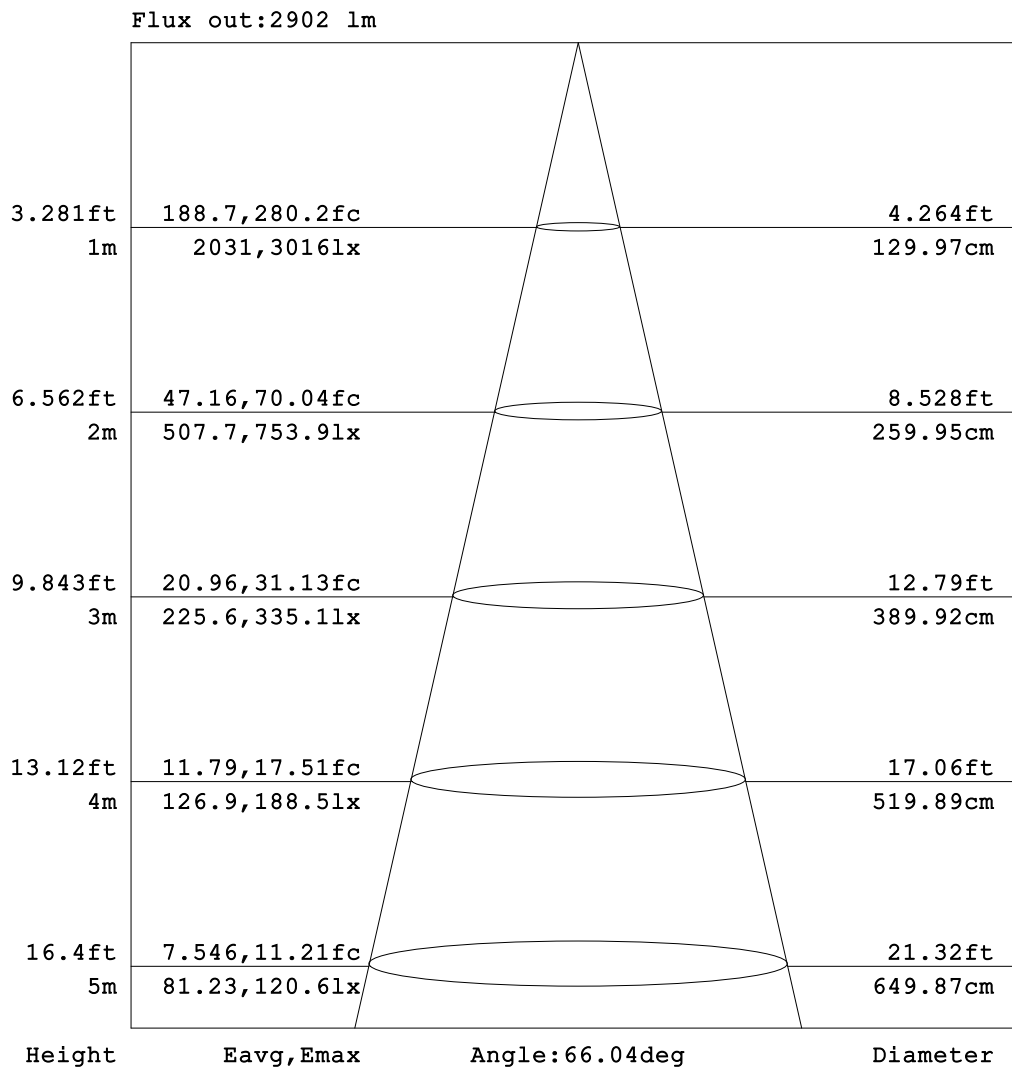


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yu  
Test Date:2018-04-24

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
Humidity:65.0%  
Test Distance:8.000m [K=1.0504]  
Remarks:

AAI Figure

Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm		
NAME:LED Module panel light 6060 30W	TYPE:	WEIGHT:
SPEC.:AC-MP6060-30WA	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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

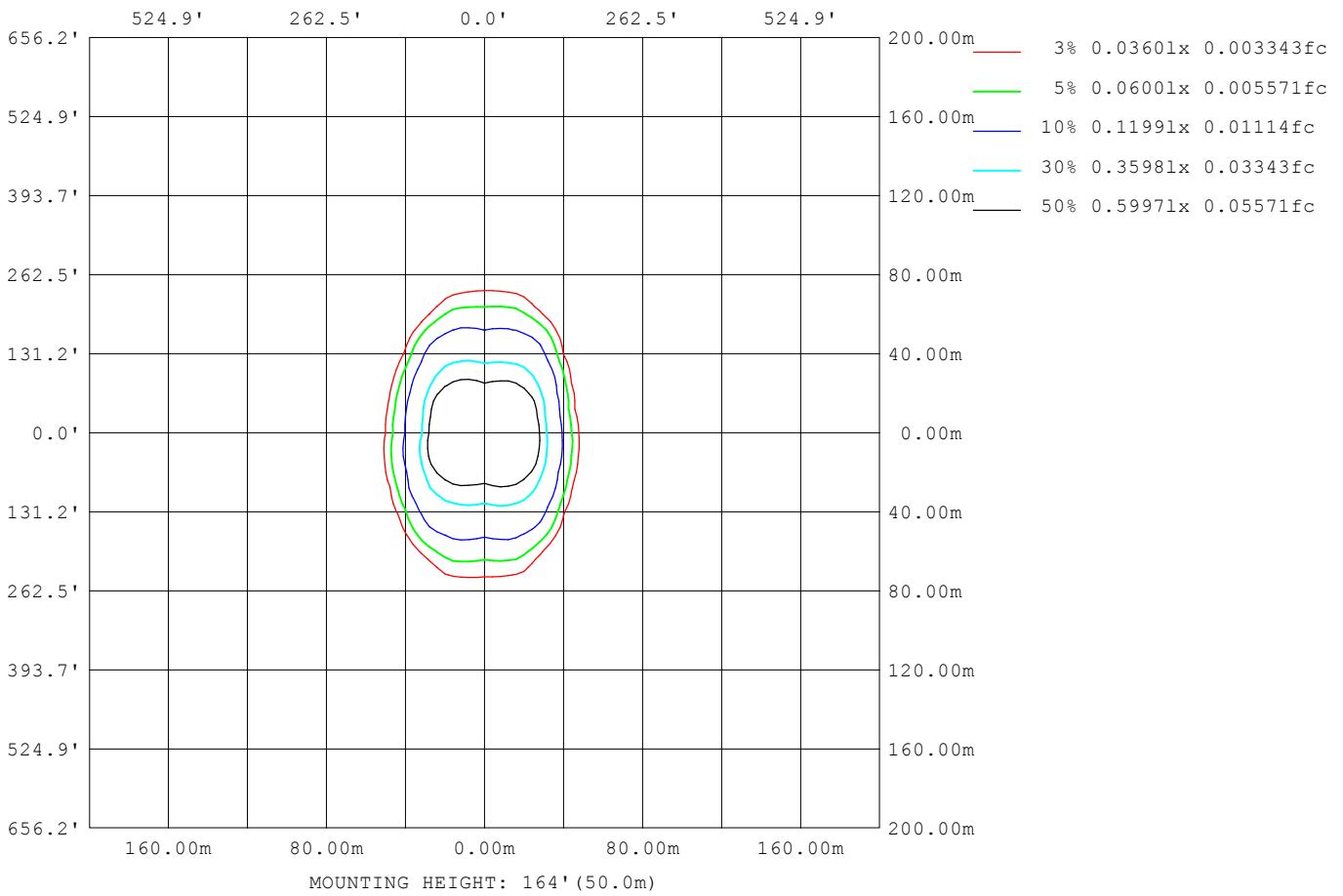
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yu  
 Test Date:2018-04-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0504]  
 Remarks:



ISOLUX DIAGRAM

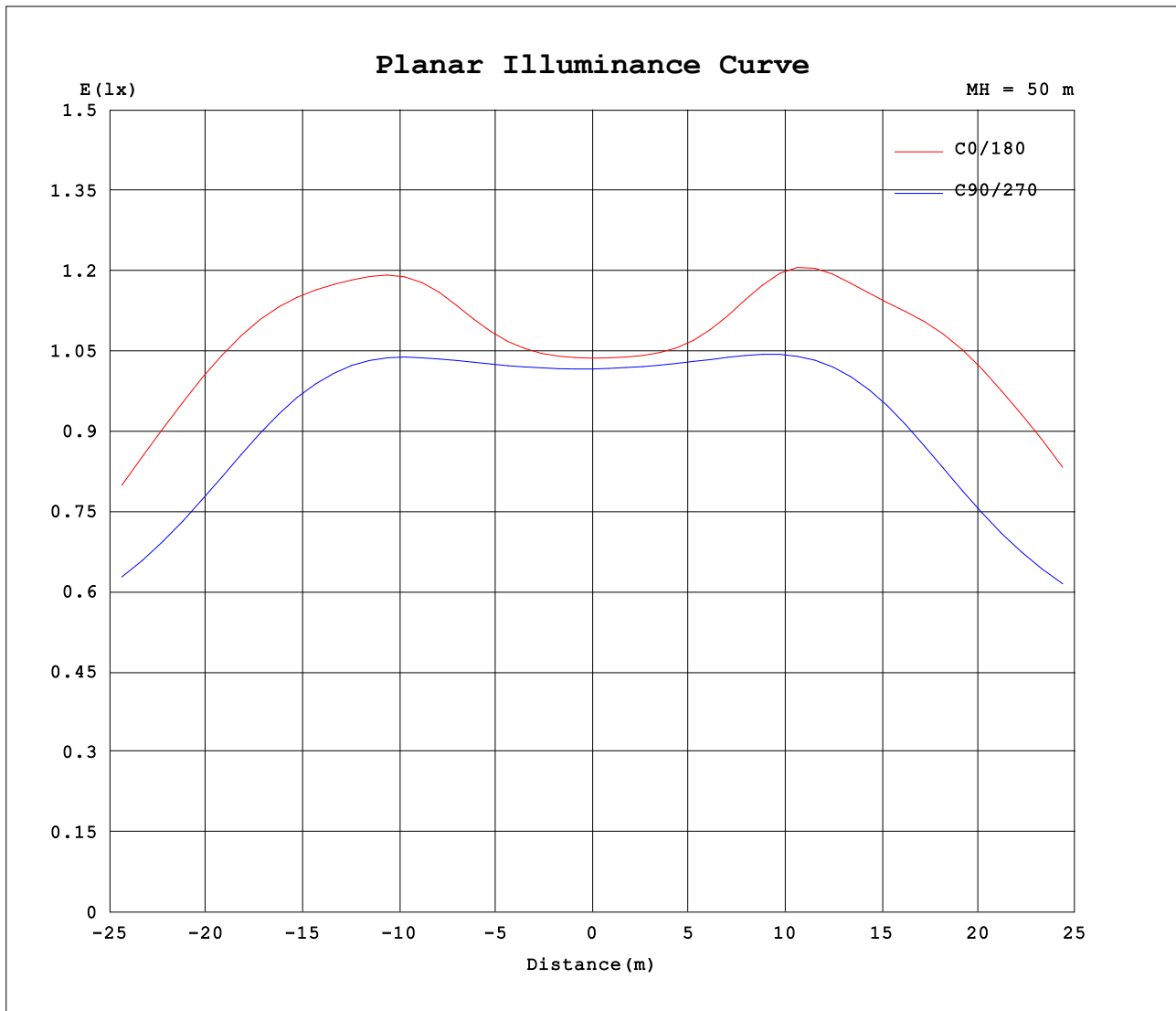
Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm		
NAME:LED Module panel light 6060 30W	TYPE:	WEIGHT:
SPEC.:AC-MP6060-30WA	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yu  
 Test Date:2018-04-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0504]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: yu  
 Test Date: 2018-04-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0504]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm		
NAME:LED Module panel light 6060 30W	TYPE:	WEIGHT:
SPEC.:AC-MP6060-30WA	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2592	2577	2563	2555	2550	2543	2541	2540	2536	2538	2536	2533	2592	2577	2563	2555	2550	2543	2541
5	2700	2672	2648	2621	2607	2590	2586	2580	2578	2577	2578	2570	2670	2658	2633	2620	2606	2600	2596
10	3084	3046	2995	2890	2799	2732	2716	2710	2729	2773	2846	2874	3071	3058	2979	2890	2786	2745	2732
15	3258	3256	3280	3258	3083	2866	2797	2825	2968	3177	3264	3221	3265	3256	3298	3298	3072	2844	2781
20	3249	3286	3354	3327	3142	2747	2580	2680	3073	3353	3308	3230	3259	3254	3304	3318	3158	2669	2504
25	2864	2971	3165	3131	2825	2431	2212	2344	2821	3103	3231	3096	2970	2992	3157	3088	2821	2367	2158
30	2041	2276	2643	2674	2473	2255	2024	2175	2460	2694	2831	2555	2104	2208	2647	2641	2429	2218	1982
35	905	1090	1605	2087	2177	2007	1721	1952	2172	2206	1879	1347	955	1031	1504	2013	2117	1932	1634
40	454	541	700	1330	1734	1578	1319	1549	1747	1553	865	699	562	604	723	1177	1668	1512	1267
45	184	216	314	614	1199	1220	1018	1223	1269	796	499	352	252	271	389	585	1111	1153	964
50	58.9	75.0	84.2	232	663	875	739	898	795	391	177	103	81.9	84.8	116	250	588	795	708
55	5.00	3.17	6.47	35.1	193	552	524	590	317	96.4	26.3	4.11	5.64	3.23	6.65	36.9	166	473	494
60	1.45	1.52	1.88	2.60	15.8	226	186	229	44.2	5.39	2.13	1.70	1.55	1.65	1.86	2.44	13.4	141	115
65	1.13	1.10	1.25	1.54	2.21	14.5	15.2	17.5	3.28	1.79	1.45	1.18	1.20	1.28	1.33	1.65	2.16	6.09	5.79
70	0.93	0.88	0.95	1.05	1.50	1.96	2.14	2.38	1.76	1.18	1.04	0.90	1.00	1.07	1.01	1.19	1.48	2.05	1.89
75	0.75	0.70	0.76	0.77	1.02	1.46	1.70	1.67	1.18	0.82	0.81	0.76	0.83	0.90	0.85	0.92	1.01	1.53	1.48
80	0.60	0.56	0.65	0.72	0.98	1.28	1.57	1.55	1.06	0.80	0.65	0.61	0.68	0.73	0.69	0.78	1.01	1.28	1.47
85	0.60	0.64	0.67	0.97	1.27	1.66	1.79	1.77	1.41	1.06	0.67	0.60	0.59	0.66	0.70	0.88	1.26	1.48	1.70
90	0.79	0.85	1.07	1.57	2.02	2.41	2.55	2.52	2.16	1.67	1.05	0.71	0.65	0.69	0.90	1.37	1.81	2.14	2.33
95	1.46	1.58	1.98	2.69	3.24	3.67	3.94	3.82	3.41	2.85	2.04	1.36	1.06	1.19	1.67	2.33	2.88	3.27	3.52
100	2.75	2.95	3.50	4.31	4.85	5.40	5.68	5.57	5.03	4.44	3.59	2.67	1.88	2.16	2.92	3.64	4.24	4.70	5.02
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yu  
 Test Date:2018-04-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0504]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.1V I:0.1500A P:31.90W PF:0.9620 Lamp Flux:4211.49x1 lm		
NAME:LED Module panel light 6060 30W	TYPE:	WEIGHT:
SPEC.:AC-MP6060-30WA	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	2540	2536	2538	2536	2533														
5	2602	2607	2632	2652	2684														
10	2751	2805	2932	3024	3076														
15	2828	3043	3260	3277	3247														
20	2601	3015	3255	3333	3235														
25	2286	2670	2973	3088	2853														
30	2136	2375	2498	2512	2046														
35	1822	2071	1975	1459	913														
40	1434	1612	1257	664	446														
45	1110	1146	589	278	150														
50	793	670	205	65.2	35.5														
55	506	196	24.9	3.27	2.26														
60	111	17.0	2.21	1.68	1.47														
65	4.89	2.12	1.53	1.18	1.17														
70	1.95	1.41	1.09	0.93	0.97														
75	1.45	0.99	0.87	0.76	0.79														
80	1.27	1.00	0.75	0.70	0.67														
85	1.53	1.27	0.93	0.72	0.63														
90	2.21	1.91	1.49	1.08	0.81														
95	3.42	3.04	2.53	1.92	1.40														
100	4.88	4.50	3.91	3.25	2.55														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yu  
 Test Date:2018-04-24

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.287  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0504]  
 Remarks: