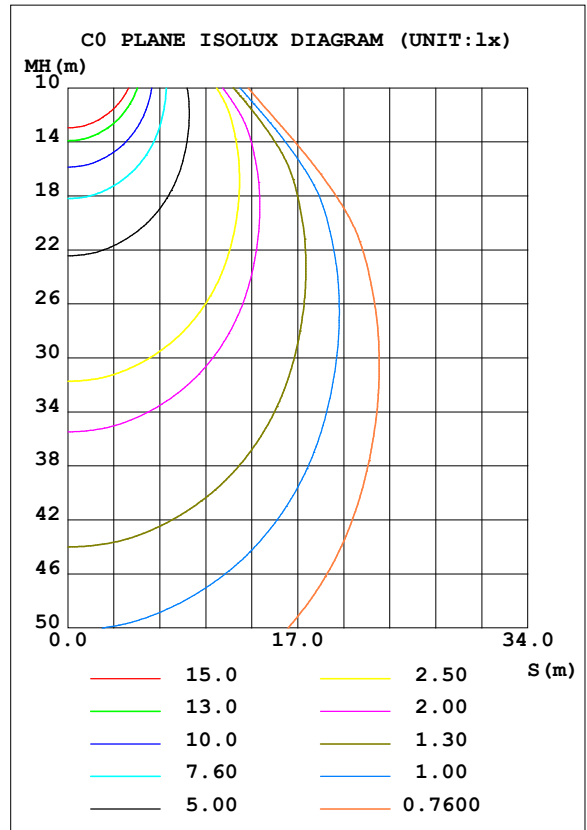
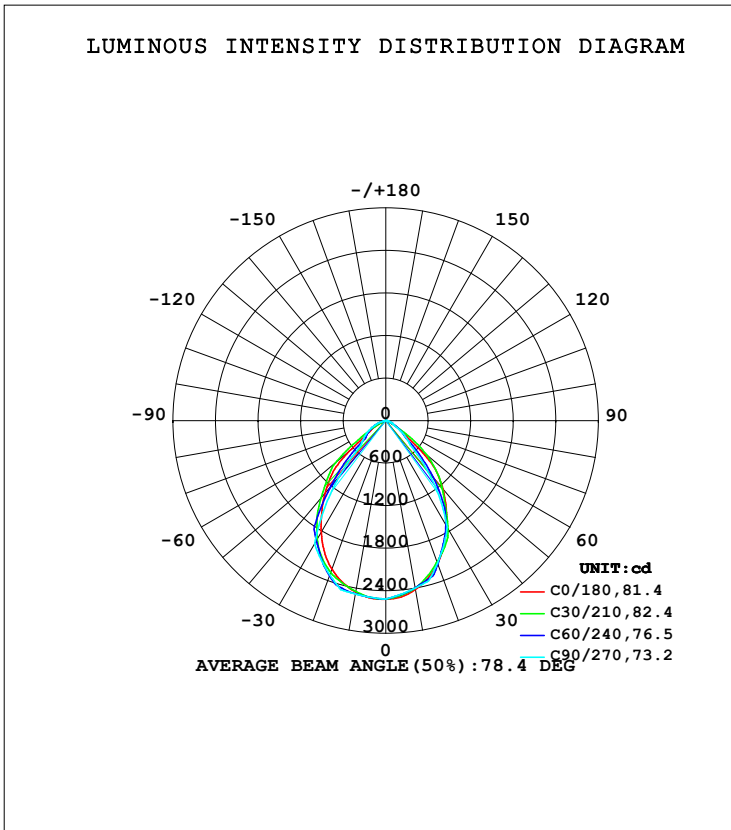


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.07 lm/W			
MODEL		I _{max} (cd)	2519	S/MH (C0/180)	1.10
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.09
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	3906.3	η UP, DN (C0-180)	0.0, 47.9
NOMINAL FLUX (lm)	3906.31	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 52.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.15



H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 28 February 2024

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2418	2393	2397	2406	2455	2464	2482	2452	0- 10	235.6	235.6	6.03,6.03
20	2143	2178	2137	2210	2227	2324	2313	2300	10- 20	661.0	896.6	23,23
30	1717	1694	1736	1777	1821	1938	2008	1874	20- 30	934.0	1831	46.9,46.9
40	1254	1170	908.7	1272	1333	1446	1001	1365	30- 40	953.6	2784	71.3,71.3
50	585.6	538.6	376.3	578.2	673.5	627.2	420.5	594.4	40- 50	672.1	3456	88.5,88.5
60	177.3	171.9	138.7	178.1	195.9	203.2	267.0	190.3	50- 60	308.7	3765	96.4,96.4
70	6.433	55.90	69.51	52.91	0.5156	72.89	118.1	70.45	60- 70	115.7	3881	99.3,99.3
80	0	0	0	0	0	0	0	0	70- 80	25.47	3906	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.0870	3906	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3167.6 lm

%lum = 81.1%

%lamp = 81.1%

Conical surface Flux(120deg): 3765 lm

%lum = 96.4%

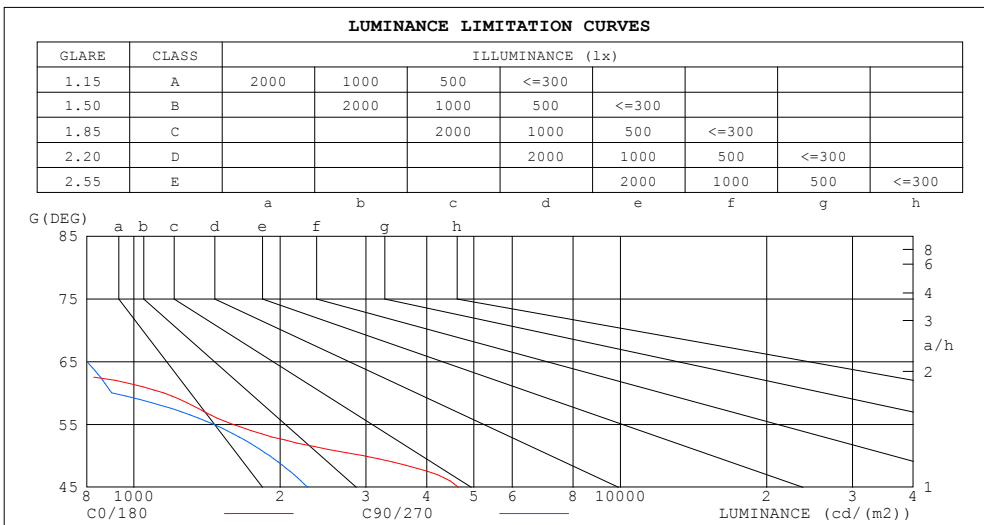
%lamp = 96.4%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2024

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	439
70	61	660
65	337	800
60	1152	901
55	1596	1459
50	2958	1901
45	4650	2276

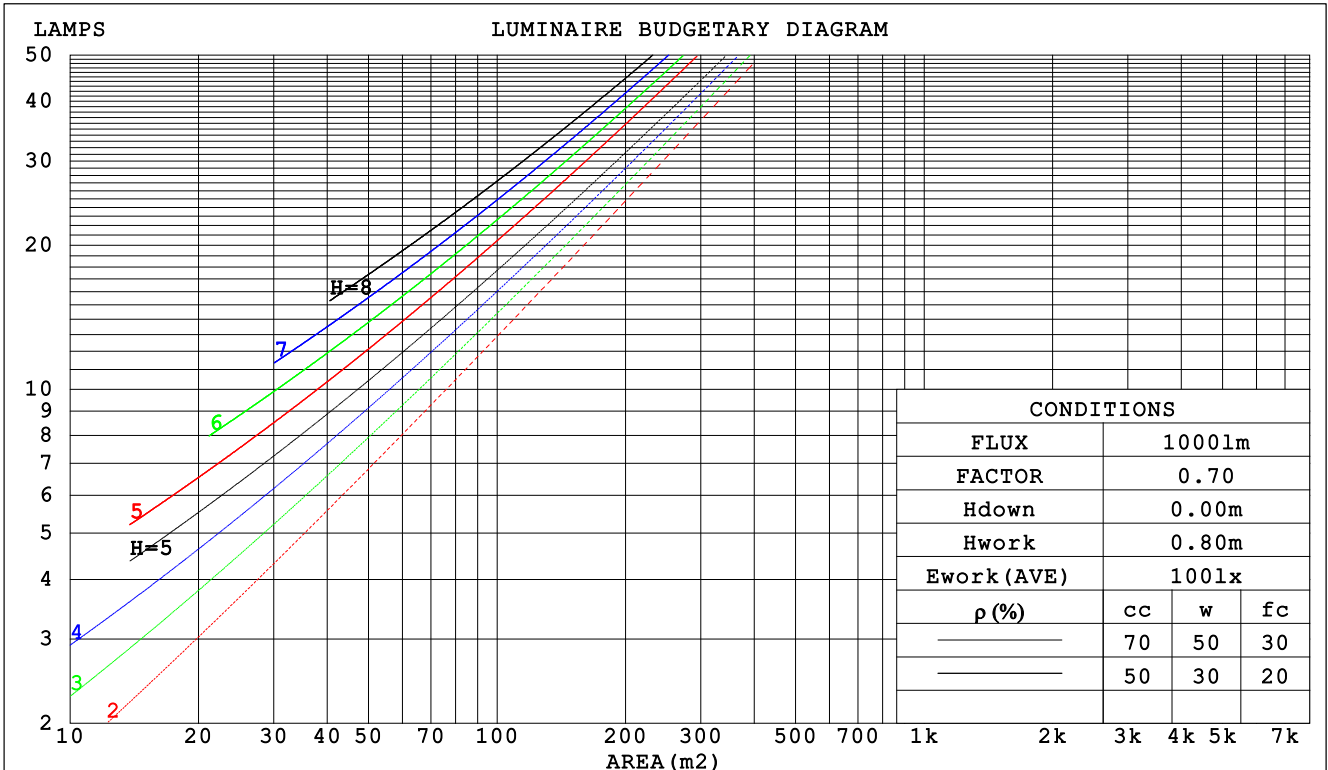
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2024

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding 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	1.09	1.06	1.03	1.07	1.04	1.01	1.03	1.00	.98	.99	.97	.95	.95	.94	.93	.91
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.91	.88	.85	.88	.85	.83	.81
3.0	.90	.84	.79	.89	.83	.78	.86	.81	.77	.83	.79	.76	.81	.77	.75	.73
4.0	.82	.75	.70	.81	.75	.70	.79	.73	.69	.76	.72	.68	.74	.70	.67	.65
5.0	.75	.68	.63	.74	.67	.62	.72	.66	.62	.70	.65	.61	.69	.64	.61	.59
6.0	.69	.62	.57	.68	.61	.56	.67	.60	.56	.65	.60	.55	.64	.59	.55	.53
7.0	.64	.56	.51	.63	.56	.51	.62	.55	.51	.60	.55	.51	.59	.54	.50	.49
8.0	.59	.52	.47	.58	.51	.47	.57	.51	.46	.56	.50	.46	.55	.50	.46	.44
9.0	.55	.48	.43	.54	.47	.43	.53	.47	.43	.52	.47	.43	.51	.46	.42	.41
10.0	.51	.44	.40	.51	.44	.40	.50	.44	.39	.49	.43	.39	.48	.43	.39	.38



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2024

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.215	.122	.039	.208	.119	.038	.196	.112	.036	.184	.106	.034	.173	.100	.032	
2.0	.211	.115	.035	.205	.113	.035	.194	.108	.033	.184	.103	.032	.174	.099	.031	
3.0	.202	.107	.032	.197	.105	.032	.187	.101	.031	.178	.098	.030	.170	.094	.029	
4.0	.192	.100	.029	.188	.098	.029	.179	.095	.028	.172	.092	.028	.164	.089	.027	
5.0	.182	.093	.027	.178	.092	.027	.171	.089	.026	.164	.087	.026	.158	.084	.025	
6.0	.173	.087	.025	.170	.086	.025	.163	.084	.024	.157	.082	.024	.151	.080	.024	
7.0	.164	.081	.023	.161	.080	.023	.155	.078	.023	.150	.077	.022	.145	.075	.022	
8.0	.156	.076	.021	.153	.075	.021	.148	.074	.021	.143	.072	.021	.138	.071	.021	
9.0	.148	.072	.020	.146	.071	.020	.141	.070	.020	.137	.069	.020	.133	.067	.019	
10.0	.141	.068	.019	.139	.067	.019	.135	.066	.019	.131	.065	.018	.127	.064	.018	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.174	.157	.142	.149	.135	.122	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.161	.132	.108	.138	.114	.093	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.151	.114	.084	.130	.098	.073	.089	.068	.051	.051	.040	.030	.017	.013	.010	
4.0	.143	.100	.067	.123	.086	.058	.084	.060	.041	.049	.035	.024	.016	.011	.008	
5.0	.135	.089	.054	.116	.077	.047	.080	.054	.033	.046	.031	.020	.015	.010	.007	
6.0	.128	.080	.045	.110	.069	.039	.076	.048	.028	.044	.028	.016	.014	.009	.005	
7.0	.122	.073	.038	.105	.063	.033	.073	.044	.023	.042	.026	.014	.014	.009	.005	
8.0	.117	.067	.032	.100	.058	.028	.070	.041	.020	.040	.024	.012	.013	.008	.004	
9.0	.111	.062	.028	.096	.054	.025	.067	.038	.017	.039	.022	.010	.013	.007	.003	
10.0	.107	.058	.025	.092	.050	.022	.064	.035	.015	.037	.021	.009	.012	.007	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2024

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm										
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A					TYPE:LED			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:1		
MFR.: EVERFINE					SUR.:			Shielding 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	14.9	16.1	15.1	16.2	16.4	12.9	14.1	13.1	14.3	14.5
3H	14.7	15.8	15.0	16.0	16.2	13.0	14.1	13.3	14.4	14.6
4H	14.6	15.6	14.9	15.9	16.1	13.1	14.1	13.3	14.3	14.6
6H	14.5	15.5	14.8	15.7	16.0	13.0	13.9	13.3	14.2	14.5
8H	14.4	15.4	14.8	15.6	15.9	12.9	13.9	13.3	14.1	14.4
12H	14.4	15.3	14.7	15.6	15.9	12.9	13.8	13.2	14.0	14.3
4H 2H	14.7	15.7	15.0	16.0	16.2	12.9	14.0	13.2	14.2	14.4
3H	14.6	15.5	14.9	15.7	16.0	13.2	14.1	13.5	14.3	14.6
4H	14.5	15.3	14.8	15.6	15.9	13.2	14.0	13.6	14.3	14.6
6H	14.4	15.1	14.8	15.4	15.8	13.1	13.8	13.5	14.2	14.5
8H	14.3	15.0	14.7	15.3	15.7	13.1	13.7	13.5	14.1	14.5
12H	14.3	14.9	14.7	15.3	15.6	13.1	13.6	13.5	14.0	14.4
8H 4H	14.4	15.0	14.8	15.4	15.7	13.1	13.7	13.5	14.1	14.5
6H	14.3	14.8	14.7	15.2	15.6	13.0	13.6	13.5	14.0	14.4
8H	14.2	14.7	14.7	15.1	15.5	13.0	13.5	13.4	13.9	14.3
12H	14.2	14.6	14.6	15.0	15.5	12.9	13.3	13.4	13.8	14.3
12H 4H	14.3	14.9	14.7	15.3	15.7	13.0	13.6	13.5	14.0	14.4
6H	14.2	14.7	14.7	15.1	15.5	13.0	13.5	13.4	13.9	14.3
8H	14.2	14.6	14.6	15.0	15.5	12.9	13.3	13.4	13.8	14.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 4.5					+ 1.5 / - 2.7				
1.5H	+ 1.7 / - 2.4					+ 2.0 / - 1.7				
2.0H	+ 4.5 / - 6.7					+ 1.9 / - 2.7				

CIE Pub.117, 3906 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.7)

H(β) Range:-90 - 90DEG	V(B) Range:-75 - 75DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.000m [K=1.0000]
Test Date:28 February 2024	Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

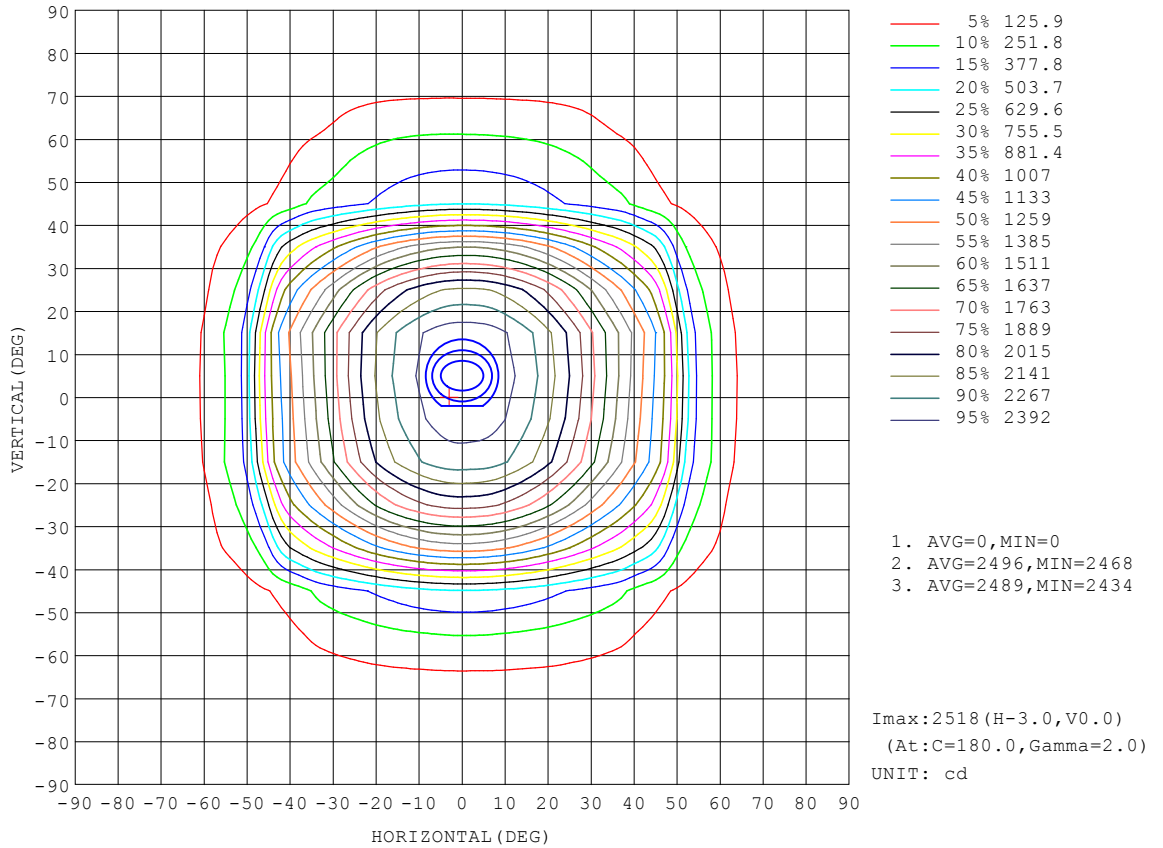
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	73	64	59	73	64	59	72	64	59	54
0.80	83	74	69	82	74	69	80	73	68	63
1.00	90	82	77	89	82	77	87	82	76	71
1.25	96	88	84	94	88	83	92	87	82	77
1.50	99	93	88	98	92	88	96	90	87	81
2.00	104	98	94	102	97	93	100	95	92	86
2.50	106	101	97	105	100	96	101	98	95	88
3.00	109	104	101	107	103	99	103	100	97	90
4.00	111	108	104	109	106	103	105	103	100	93
5.00	113	110	107	111	108	105	106	104	102	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNM = 1.25			

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2024

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

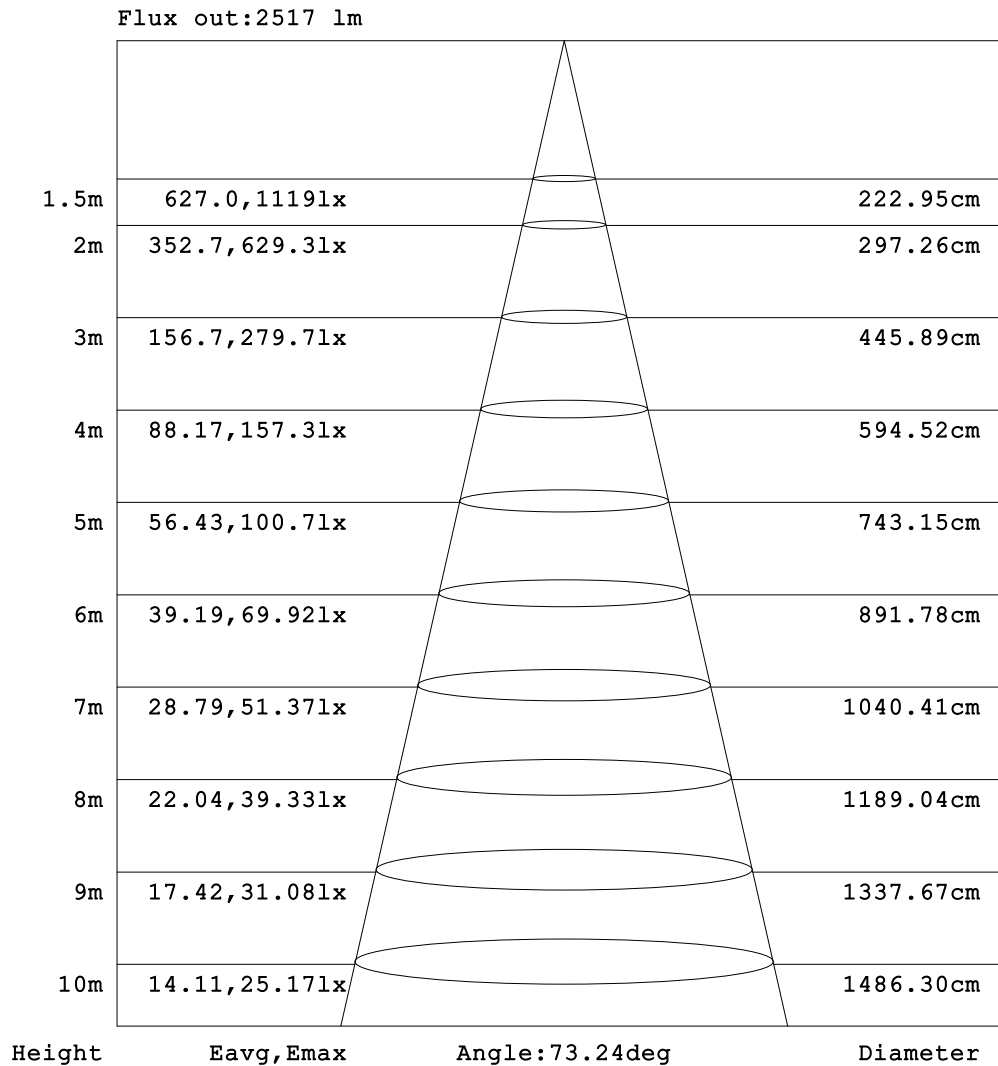


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:28 February 2024

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060x3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



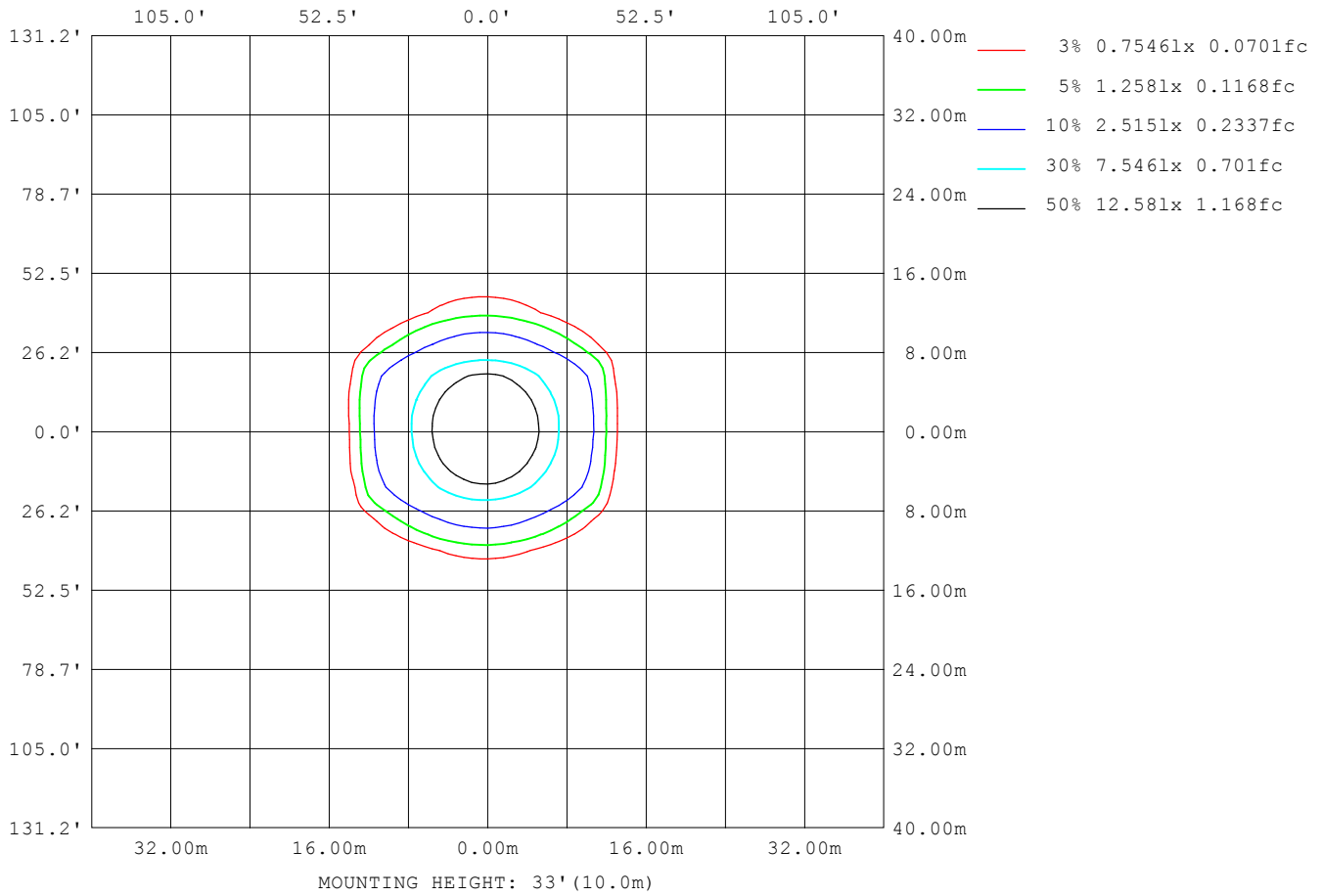
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2024

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:28 February 2024

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

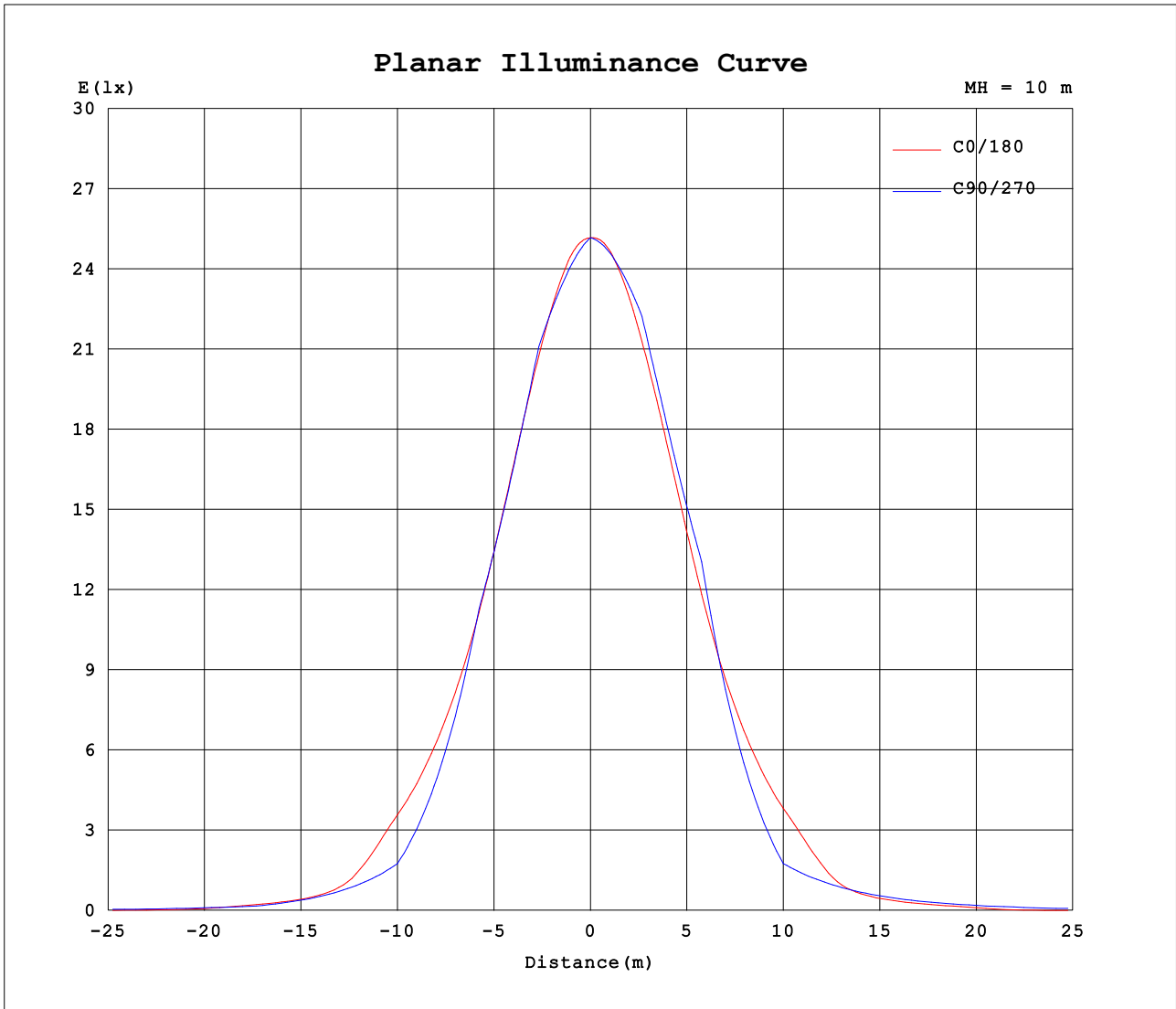
AvgL	cd/m2
L_0~180 (65) av	378
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	1141
L_90~270 (75) av	493
L_90~270 (85) av	0
L_45 (65) av	873
L_45 (75) av	332
L_45 (85) av	0

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2024

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:28 February 2024

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding 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	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517
5	2496	2491	2487	2484	2480	2477	2474	2472	2470	2468	2466	2464	2462	2461	2460	2459	2458	2458	2458
10	2418	2411	2406	2403	2401	2400	2400	2396	2394	2393	2393	2393	2394	2395	2396	2396	2396	2397	2397
15	2301	2294	2289	2288	2287	2278	2273	2271	2272	2282	2294	2306	2317	2326	2333	2337	2338	2338	2339
20	2143	2138	2138	2138	2125	2118	2119	2139	2158	2178	2178	2162	2151	2144	2140	2138	2137	2136	2137
25	1946	1945	1952	1936	1923	1935	1966	2000	1969	1943	1925	1920	1921	1925	1929	1934	1936	1937	1939
30	1717	1724	1728	1705	1713	1754	1756	1717	1691	1694	1698	1701	1697	1698	1703	1710	1720	1729	1736
35	1485	1501	1494	1479	1523	1519	1468	1455	1459	1451	1440	1437	1411	1385	1362	1344	1332	1325	1324
40	1254	1282	1266	1287	1310	1249	1237	1227	1199	1170	1127	1088	1042	999	963	935	917	908	909
45	1013	1059	1028	1105	1045	1028	1012	978	919	860	788	720	664	617	575	540	515	500	496
50	586	650	632	710	725	773	755	700	622	539	467	395	366	367	368	370	371	374	376
55	282	305	329	313	367	360	454	395	324	275	273	268	265	264	263	261	259	258	258
60	177	182	203	205	195	194	174	151	156	172	187	185	177	169	160	151	145	141	139
65	43.8	46.4	54.0	64.2	101	81.3	80.4	86.6	98.3	106	107	101	103	105	105	104	105	105	104
70	6.43	11.0	15.3	19.7	23.5	26.8	36.6	44.4	47.7	55.9	61.7	65.1	67.1	68.7	69.8	69.1	69.1	69.9	69.5
75	0.00	0.00	0.00	0.12	2.12	4.25	6.93	18.6	22.9	23.8	22.8	26.4	30.1	33.2	34.8	34.7	34.5	35.5	35.0
80	0.00	0.00	0.00	0.00	0.00	0.00	0.59	2.48	0.84	0.00	0.02	3.26	4.85	4.75	3.59	2.16	1.00	0.26	0.00
85	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
90	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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2024

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517
5	2459	2460	2461	2463	2465	2466	2469	2471	2473	2476	2479	2482	2486	2490	2495	2500	2505	2511	2509
10	2399	2402	2404	2407	2408	2408	2408	2407	2406	2405	2404	2404	2409	2415	2423	2432	2443	2455	2450
15	2342	2344	2343	2341	2337	2333	2330	2327	2325	2323	2316	2311	2307	2305	2313	2326	2342	2361	2353
20	2143	2151	2160	2167	2175	2183	2193	2206	2210	2203	2199	2199	2188	2177	2168	2179	2201	2227	2215
25	1943	1947	1950	1956	1963	1973	1987	2004	2015	2028	2043	2033	2030	2019	1996	1985	2012	2048	2029
30	1743	1748	1750	1751	1751	1749	1748	1758	1777	1802	1811	1817	1816	1813	1793	1761	1778	1821	1798
35	1331	1346	1369	1401	1441	1489	1539	1530	1520	1521	1548	1573	1578	1581	1582	1541	1534	1577	1555
40	918	936	962	995	1035	1079	1132	1199	1272	1287	1278	1307	1347	1348	1348	1326	1290	1333	1311
45	502	520	550	590	642	702	766	827	892	980	1073	1062	1082	1120	1113	1110	1029	1082	1048
50	378	379	378	376	372	367	399	487	578	652	723	832	783	751	708	677	578	673	597
55	259	260	263	266	269	272	274	273	262	332	423	408	388	335	348	315	296	305	299
60	141	145	152	160	168	174	180	186	178	150	137	184	182	212	201	203	196	196	199
65	104	104	104	104	104	102	101	105	97.7	89.2	85.2	72.2	79.8	91.4	73.3	69.5	52.3	54.6	57.9
70	69.9	69.1	69.1	69.1	67.6	64.8	61.1	56.4	52.9	46.8	39.0	28.3	24.1	16.0	7.49	2.01	0.65	0.52	0.60
75	34.6	33.8	33.8	33.4	31.4	28.3	25.1	22.8	22.9	19.8	12.5	3.78	2.35	0.38	0.01	0.00	0.00	0.00	0.00
80	0.26	0.97	2.09	3.37	4.20	3.87	1.78	0.00	0.00	0.83	2.31	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	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
90	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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:28 February 2024

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding 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	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517
5	2507	2506	2504	2504	2503	2503	2502	2502	2502	2503	2502	2503	2502	2502	2502	2501	2501	2500	2500
10	2447	2444	2443	2443	2445	2451	2457	2464	2470	2476	2480	2483	2485	2485	2484	2483	2482	2481	2480
15	2347	2344	2346	2358	2372	2387	2401	2411	2420	2430	2440	2449	2458	2463	2467	2467	2466	2465	2463
20	2207	2209	2231	2256	2279	2292	2307	2324	2330	2327	2326	2326	2326	2324	2321	2316	2313	2311	2310
25	2019	2048	2087	2114	2133	2157	2155	2155	2158	2153	2150	2151	2154	2158	2161	2163	2162	2160	2158
30	1800	1852	1891	1913	1931	1942	1948	1938	1935	1940	1958	1975	1990	2001	2009	2011	2008	2002	1992
35	1583	1646	1666	1682	1694	1685	1675	1695	1727	1758	1699	1640	1592	1554	1527	1511	1506	1510	1524
40	1370	1415	1436	1449	1423	1413	1446	1446	1357	1275	1210	1153	1103	1062	1031	1011	1001	1004	1018
45	1151	1173	1198	1173	1170	1206	1100	995	917	840	760	682	618	566	528	506	498	504	525
50	721	774	836	886	928	806	721	627	516	407	373	390	404	414	420	422	421	417	411
55	323	371	365	466	483	469	368	273	285	302	317	330	339	345	346	346	344	343	340
60	208	206	221	194	206	144	165	203	211	227	254	271	280	280	276	271	267	267	268
65	79.8	94.2	100	89.3	78.4	88.1	101	124	141	166	192	203	206	203	199	196	193	193	194
70	1.56	5.81	14.0	22.7	30.6	37.2	55.6	72.9	81.6	94.2	116	126	128	125	122	120	118	119	119
75	0.00	0.00	0.00	1.73	1.04	10.1	19.4	30.6	35.3	41.4	48.8	50.9	49.1	46.2	44.2	44.5	43.6	44.9	44.9
80	0.00	0.00	0.00	0.00	0.00	1.82	0.78	0.00	0.46	4.87	6.50	6.02	4.41	2.65	1.23	0.33	0.00	0.33	1.26
85	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
90	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

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:28 February 2024
 V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.1323A P:27.889W PF:0.9586 Freq:49.99Hz Lamp Flux:3906.31x1 lm		
NAME: 20240228-格栅灯6060X3白-4000K-28W0.9A	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding 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	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517	2517				
5	2500	2499	2499	2499	2499	2498	2497	2497	2496	2496	2495	2495	2494	2495	2495				
10	2478	2475	2471	2467	2462	2457	2452	2448	2444	2442	2436	2430	2425	2421	2419				
15	2459	2452	2440	2426	2408	2390	2371	2354	2344	2337	2333	2331	2321	2312	2305				
20	2307	2304	2301	2300	2302	2308	2300	2269	2237	2205	2190	2184	2182	2168	2153				
25	2152	2141	2127	2114	2101	2092	2096	2107	2124	2073	2025	1995	1991	1989	1964				
30	1977	1960	1944	1930	1919	1898	1874	1851	1858	1880	1858	1796	1767	1770	1745				
35	1544	1573	1607	1646	1681	1662	1651	1637	1608	1598	1630	1614	1545	1539	1523				
40	1045	1083	1133	1192	1254	1309	1365	1380	1385	1370	1360	1405	1360	1314	1306				
45	560	606	663	728	804	891	984	1060	1132	1145	1140	1136	1176	1066	1078				
50	403	393	381	370	404	499	594	703	803	875	886	811	774	678	672				
55	336	329	317	304	289	281	278	356	444	532	427	409	332	342	308				
60	268	265	258	247	229	209	190	162	154	190	212	207	212	205	185				
65	195	196	192	179	151	137	127	106	86.4	84.0	90.4	107	80.3	64.1	50.6				
70	120	122	120	113	96.5	84.6	70.5	50.0	40.6	37.2	23.3	19.3	17.1	13.8	10.4				
75	46.7	49.2	50.2	46.8	39.2	32.6	28.6	22.2	14.9	1.99	3.38	0.30	0.06	0.00	0.00				
80	2.72	4.60	6.42	7.20	5.96	1.81	0.00	0.74	1.70	0.00	0.00	0.00	0.00	0.00	0.00				
85	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				
90	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				

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:28 February 2024
 V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: