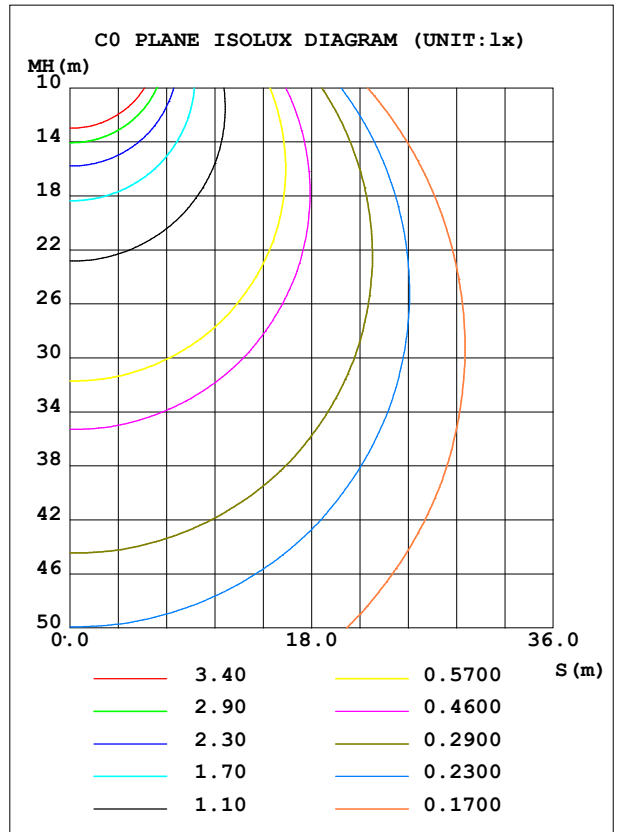
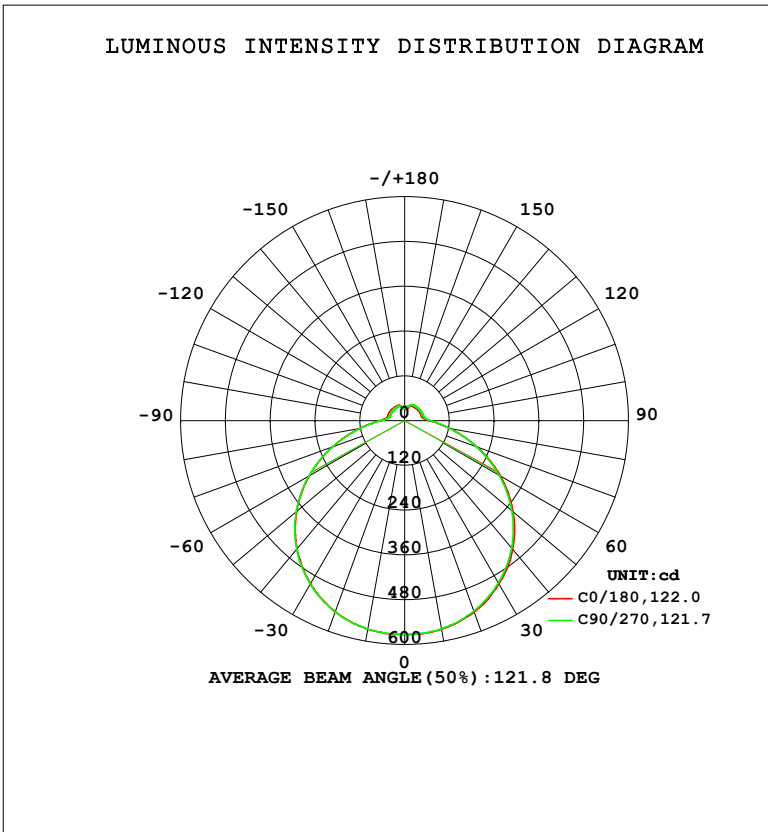


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 90.90 lm/W
MODEL	4000K	I _{max} (cd)	573.5	S/MH (C0/180)	1.31	
NOMINAL POWER (W)	/	LOR (%)	100.0	S/MH (C90/270)	1.31	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	2193.4	η UP, DN (C0-180)	7.1, 43.1	
NOMINAL FLUX (lm)	2193.37	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	6.5, 43.3	
LAMPS INSIDE	1	η up (%)	13.6	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	/	η down (%)	86.4	CIBSE SHR MAX	1.50	



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: linye
 Test Date: 2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity: 58.9%
 Test Distance: 26.000m [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
5	572.9	572.3	571.7	571.3	572.2	571.7	571.8	572.0	0- 5	13.69	13.69	0.62,0.62
10	567.5	567.2	565.9	566.3	567.6	566.8	567.3	567.5	5- 10	40.75	54.44	2.48,2.48
15	558.6	557.9	556.6	556.1	558.0	557.9	558.5	559.5	10- 15	66.75	121.2	5.53,5.53
20	545.6	543.7	542.9	542.9	544.4	544.8	545.0	546.1	15- 20	90.89	212.1	9.67,9.67
25	527.8	526.1	524.5	524.7	527.1	527.4	527.6	528.6	20- 25	112.4	324.5	14.8,14.8
30	505.6	504.0	502.3	502.0	504.6	504.7	505.8	506.7	25- 30	130.6	455.0	20.7,20.7
35	480.6	478.4	476.0	475.8	478.5	478.8	479.9	480.8	30- 35	144.8	599.9	27.3,27.3
40	450.3	448.4	445.7	445.3	448.4	449.3	450.5	451.4	35- 40	154.7	754.6	34.4,34.4
45	416.7	413.9	411.6	411.8	414.6	416.1	416.6	417.3	40- 45	159.9	914.5	41.7,41.7
50	379.2	376.7	374.3	374.1	378.0	379.1	380.0	380.4	45- 50	160.2	1075	49,49
55	339.0	336.8	334.1	334.3	337.6	339.0	339.9	339.6	50- 55	155.5	1230	56.1,56.1
60	296.4	294.2	292.1	291.2	295.0	296.5	296.8	297.1	55- 60	146.2	1376	62.8,62.8
65	251.3	250.0	248.4	247.4	250.2	251.2	251.3	251.8	60- 65	132.5	1509	68.8,68.8
70	206.0	205.4	204.0	203.2	205.4	205.8	205.4	205.9	65- 70	115.2	1624	74,74
75	162.3	162.7	161.9	160.6	162.0	162.0	161.1	161.4	70- 75	95.80	1720	78.4,78.4
80	122.7	123.7	123.5	122.0	122.4	121.7	120.8	121.2	75- 80	75.81	1796	81.9,81.9
85	89.81	91.63	92.24	90.41	89.08	88.14	87.03	87.20	80- 85	57.21	1853	84.5,84.5
90	66.53	68.81	69.90	67.74	66.13	64.77	63.66	63.86	85- 90	42.23	1895	86.4,86.4
95	55.13	57.55	58.75	56.89	54.29	52.59	50.96	51.49	90- 95	32.83	1928	87.9,87.9
100	49.57	51.86	53.02	51.31	48.50	46.77	45.04	45.57	95-100	27.99	1956	89.2,89.2
105	47.47	49.67	50.69	49.22	46.70	44.64	42.92	43.82	100-105	25.52	1982	90.3,90.3
110	46.94	49.24	50.31	48.98	46.75	44.60	43.06	43.82	105-110	24.46	2006	91.5,91.5
115	46.94	49.10	50.26	48.98	46.94	44.60	43.06	43.82	110-115	23.67	2030	92.5,92.5
120	46.89	48.86	50.02	49.02	46.84	44.60	43.06	43.77	115-120	22.70	2052	93.6,93.6
125	46.56	48.72	49.74	48.70	46.37	44.50	43.06	43.82	120-125	21.52	2074	94.6,94.6
130	46.28	48.25	49.50	48.41	46.14	44.41	43.06	43.63	125-130	20.15	2094	95.5,95.5
135	45.80	47.77	48.89	47.89	45.56	43.98	43.06	43.25	130-135	18.60	2113	96.3,96.3
140	45.24	47.11	48.41	47.56	45.32	43.65	42.63	43.01	135-140	16.87	2129	97.1,97.1
145	44.76	46.68	47.99	47.27	44.85	43.51	42.63	42.87	140-145	15.09	2145	97.8,97.8
150	44.71	46.64	47.94	47.23	44.85	43.65	42.78	43.15	145-150	13.28	2158	98.4,98.4
155	44.71	46.16	47.04	47.08	44.80	43.74	43.01	43.20	150-155	11.42	2169	98.9,98.9
160	44.43	45.45	45.62	45.85	43.75	43.41	42.96	42.91	155-160	9.390	2179	99.3,99.3
165	37.99	39.30	40.23	40.46	38.54	37.82	38.66	38.52	160-165	6.890	2186	99.6,99.6
170	34.01	35.09	36.26	36.06	34.79	35.02	35.95	35.06	165-170	4.443	2190	99.8,99.8
175	37.66	39.67	39.36	38.47	38.79	36.89	33.32	32.84	170-175	2.438	2192	100,100
180	40.11	39.91	39.51	39.41	40.15	40.05	39.74	39.32	175-180	0.9331	2193	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 914.53 lm

%lum = 41.7%

%lamp = 41.7%

Conical surface Flux(120deg): 1376.5 lm

%lum = 62.8%

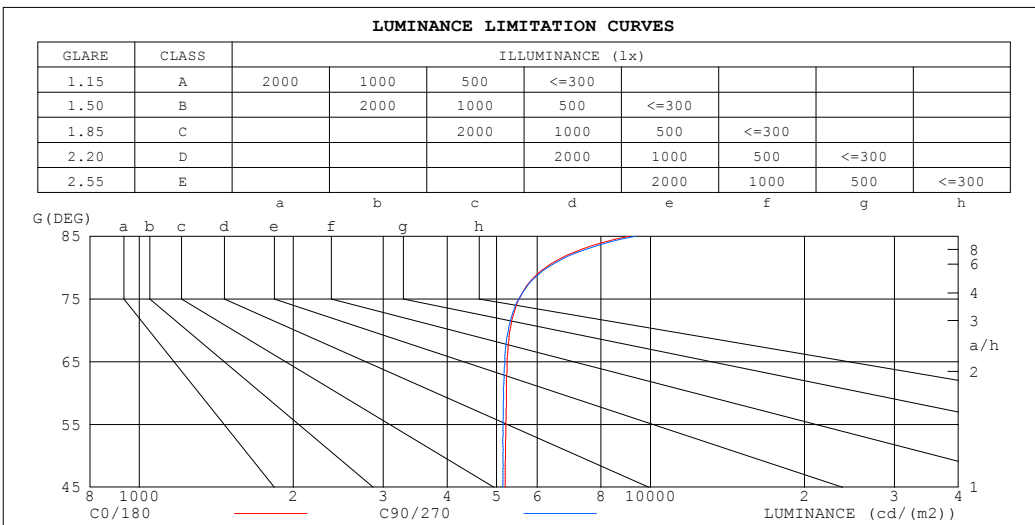
%lamp = 62.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:linye
 Test Date:2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:58.9%
 Test Distance:26.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	Shielding Angle: /



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9085	9344
80	6231	6282
75	5530	5524
70	5310	5267
65	5242	5190
60	5226	5159
55	5211	5143
50	5200	5142
45	5196	5139

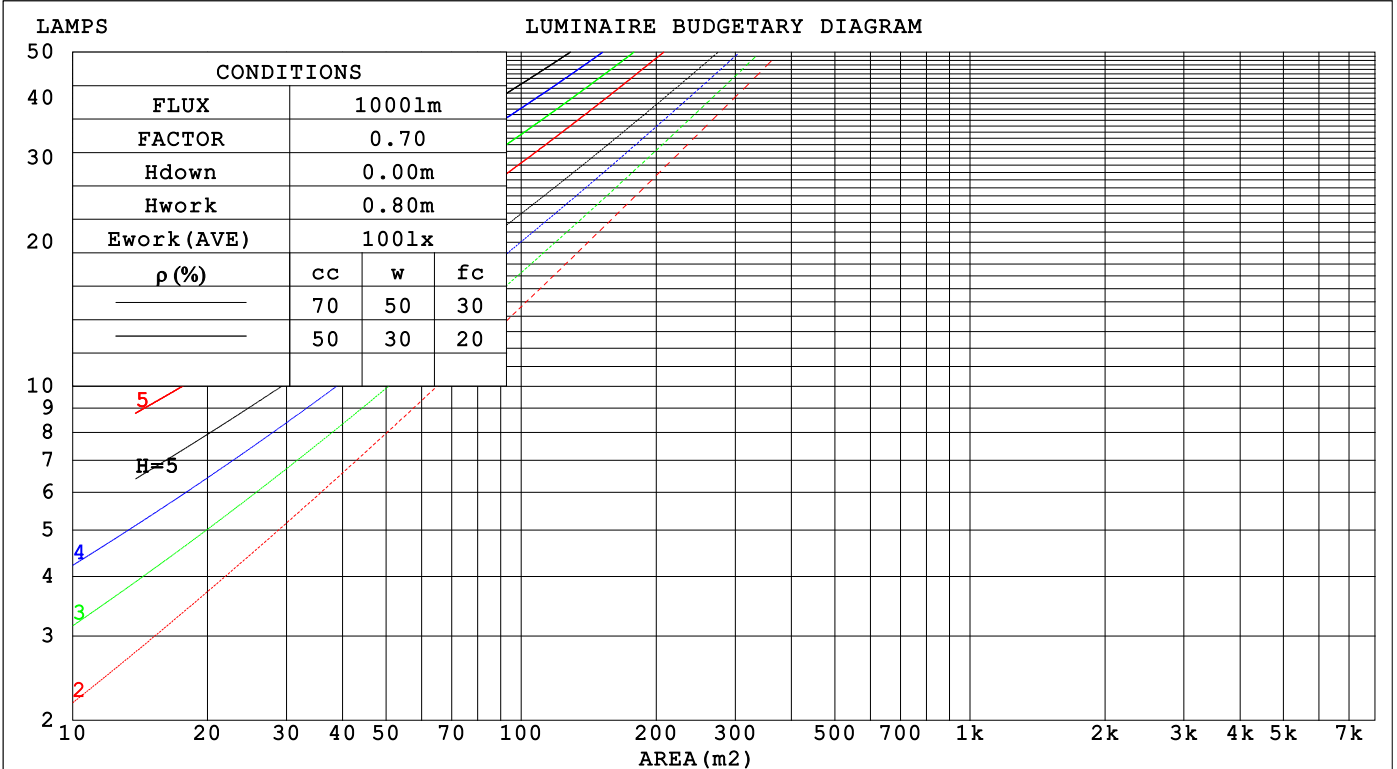
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:linye
 Test Date:2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:58.9%
 Test Distance:26.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	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															
	Coefficients of Utilization(CU)															
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.96	.96	.96	.90	.90	.90	.86
1.0	.99	.94	.90	.95	.91	.87	.88	.85	.82	.82	.79	.77	.76	.74	.72	.69
2.0	.85	.78	.72	.82	.76	.70	.76	.71	.66	.71	.67	.63	.66	.63	.59	.56
3.0	.74	.66	.59	.72	.64	.58	.67	.60	.55	.62	.57	.52	.58	.53	.50	.47
4.0	.66	.56	.50	.63	.55	.48	.59	.52	.46	.55	.49	.44	.51	.46	.42	.40
5.0	.58	.49	.42	.56	.48	.41	.53	.45	.40	.49	.43	.38	.46	.41	.36	.34
6.0	.52	.43	.37	.51	.42	.36	.47	.40	.35	.44	.38	.33	.42	.36	.32	.29
7.0	.47	.38	.32	.46	.37	.32	.43	.36	.30	.40	.34	.29	.38	.32	.28	.26
8.0	.43	.34	.28	.42	.34	.28	.39	.32	.27	.37	.31	.26	.35	.29	.25	.23
9.0	.39	.31	.25	.38	.30	.25	.36	.29	.24	.34	.28	.23	.32	.27	.23	.21
10.0	.36	.28	.23	.35	.28	.23	.33	.27	.22	.31	.25	.21	.30	.24	.20	.19



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:linye
 Test Date:2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:58.9%
 Test Distance:26.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.344	.196	.062	.333	.190	.060	.312	.179	.057	.293	.169	.054	.275	.159	.051	
2.0	.310	.170	.052	.300	.165	.051	.281	.156	.048	.263	.148	.046	.247	.140	.044	
3.0	.281	.149	.045	.272	.145	.044	.254	.138	.042	.239	.131	.040	.224	.124	.038	
4.0	.256	.133	.039	.248	.130	.038	.232	.123	.037	.218	.117	.035	.204	.111	.034	
5.0	.235	.120	.035	.227	.117	.034	.213	.111	.033	.200	.106	.031	.188	.100	.030	
6.0	.216	.108	.031	.210	.106	.030	.197	.101	.029	.185	.096	.028	.174	.091	.027	
7.0	.200	.099	.028	.194	.097	.028	.183	.092	.027	.172	.088	.026	.162	.084	.025	
8.0	.187	.091	.026	.181	.089	.025	.170	.085	.024	.160	.081	.023	.151	.077	.023	
9.0	.174	.084	.024	.169	.082	.023	.159	.079	.022	.150	.075	.022	.142	.072	.021	
10.0	.164	.078	.022	.159	.077	.021	.150	.073	.021	.141	.070	.020	.133	.067	.019	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.294	.294	.294	.251	.251	.251	.172	.172	.172	.099	.099	.099	.032	.032	.032	
1.0	.287	.260	.236	.246	.223	.203	.168	.154	.141	.097	.089	.082	.031	.029	.026	
2.0	.280	.237	.201	.240	.204	.174	.164	.141	.121	.095	.082	.071	.030	.027	.023	
3.0	.272	.220	.178	.233	.190	.155	.160	.132	.109	.093	.077	.064	.030	.025	.021	
4.0	.265	.207	.163	.227	.179	.142	.156	.125	.100	.090	.073	.059	.029	.024	.019	
5.0	.257	.197	.153	.221	.171	.133	.152	.119	.094	.088	.070	.056	.028	.023	.018	
6.0	.250	.189	.146	.215	.164	.127	.148	.115	.090	.086	.067	.053	.028	.022	.018	
7.0	.243	.183	.140	.209	.158	.122	.144	.111	.087	.084	.065	.051	.027	.021	.017	
8.0	.237	.177	.136	.204	.153	.119	.141	.108	.084	.082	.064	.050	.027	.021	.017	
9.0	.231	.172	.133	.199	.149	.116	.138	.105	.082	.080	.062	.049	.026	.020	.016	
10.0	.225	.168	.130	.194	.146	.114	.134	.103	.081	.078	.061	.048	.025	.020	.016	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:linye
 Test Date:2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:58.9%
 Test Distance:26.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm										
NAME: 15寸北美吸顶灯				TYPE: 吸顶灯				WEIGHT: 1		
SPEC.: /				DIM.: d=0.38				SERIAL No.: SY2500238-3#4000K		
MFR.: 研发中心				SUR.: d=0.38				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	17.8	19.2	18.3	19.6	20.1	17.8	19.2	18.2	19.6	20.1
3H	19.6	20.9	20.1	21.4	21.9	19.6	20.9	20.1	21.3	21.8
4H	20.5	21.7	21.0	22.2	22.7	20.4	21.6	20.9	22.1	22.7
6H	21.3	22.4	21.8	22.9	23.5	21.3	22.4	21.8	22.9	23.5
8H	21.7	22.8	22.2	23.3	23.9	21.7	22.8	22.2	23.3	23.9
12H	22.1	23.2	22.7	23.7	24.3	22.1	23.2	22.7	23.7	24.3
4H 2H	18.5	19.7	19.0	20.2	20.7	18.4	19.6	18.9	20.1	20.7
3H	20.5	21.5	21.0	22.0	22.6	20.4	21.5	21.0	22.0	22.6
4H	21.5	22.4	22.0	23.0	23.6	21.4	22.4	22.0	22.9	23.6
6H	22.4	23.3	23.0	23.9	24.5	22.4	23.3	23.0	23.9	24.5
8H	22.9	23.7	23.5	24.3	25.0	22.9	23.7	23.5	24.3	25.0
12H	23.5	24.2	24.1	24.8	25.5	23.5	24.2	24.1	24.8	25.5
8H 4H	21.8	22.6	22.4	23.2	23.9	21.8	22.6	22.4	23.2	23.9
6H	23.0	23.7	23.7	24.3	25.0	23.0	23.7	23.7	24.3	25.0
8H	23.7	24.3	24.3	24.9	25.7	23.7	24.3	24.4	24.9	25.7
12H	24.4	24.9	25.1	25.6	26.4	24.5	25.0	25.1	25.6	26.4
12H 4H	21.9	22.6	22.5	23.2	23.9	21.9	22.6	22.5	23.2	23.9
6H	23.2	23.8	23.8	24.4	25.2	23.2	23.8	23.8	24.4	25.1
8H	23.9	24.4	24.6	25.1	25.9	23.9	24.4	24.6	25.1	25.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 2193 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.7)
Area: 0.113411 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:linye
Test Date:2026-03-05

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:58.9%
Test Distance:26.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	Shielding Angle: /

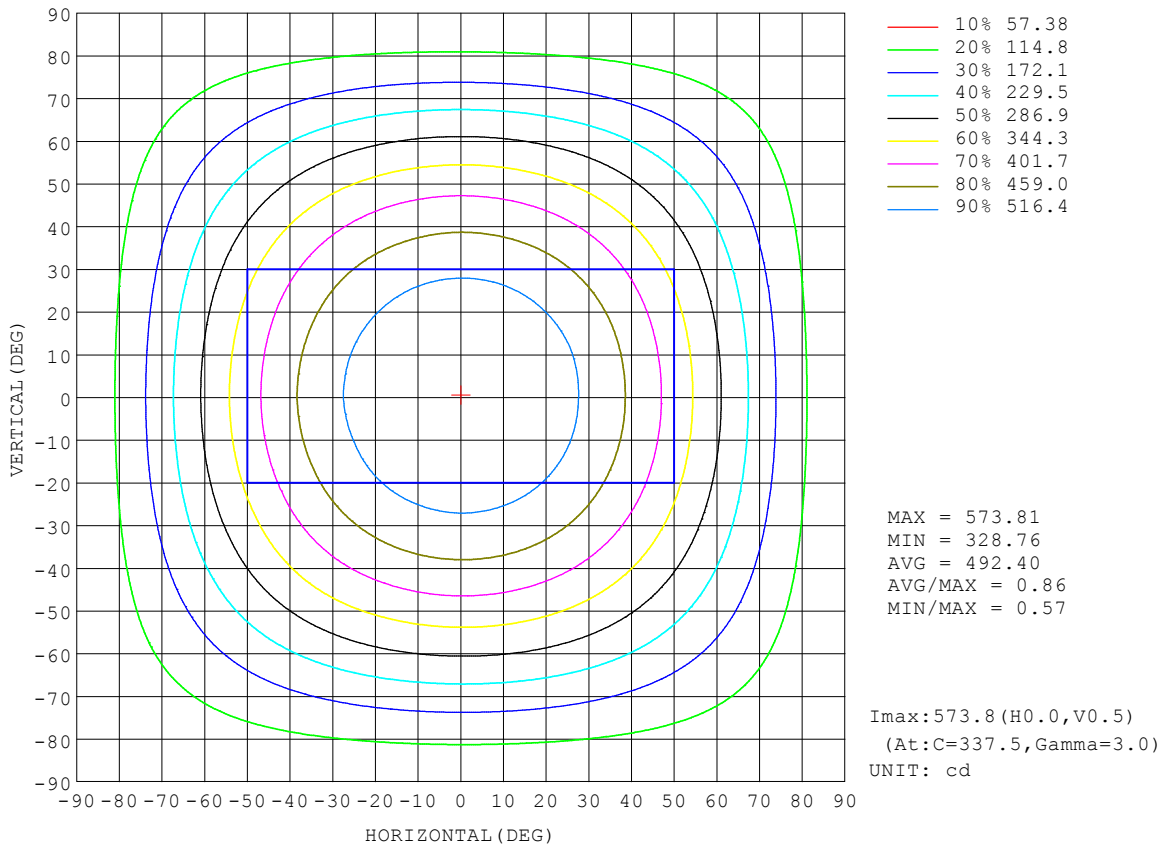
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	51	39	32	50	39	32	48	38	31	25
0.80	61	49	41	59	48	40	57	46	40	32
1.00	69	57	49	67	56	48	64	56	47	39
1.25	76	64	56	74	63	56	70	61	54	45
1.50	81	70	62	79	68	61	74	65	59	49
2.00	88	78	71	85	76	69	80	73	67	56
2.50	92	83	76	89	81	75	84	77	71	60
3.00	96	88	81	93	85	79	87	81	76	64
4.00	100	93	88	97	91	86	90	85	81	68
5.00	103	97	92	99	94	90	93	88	85	71
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:linye
 Test Date:2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:58.9%
 Test Distance:26.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	Shielding Angle: /

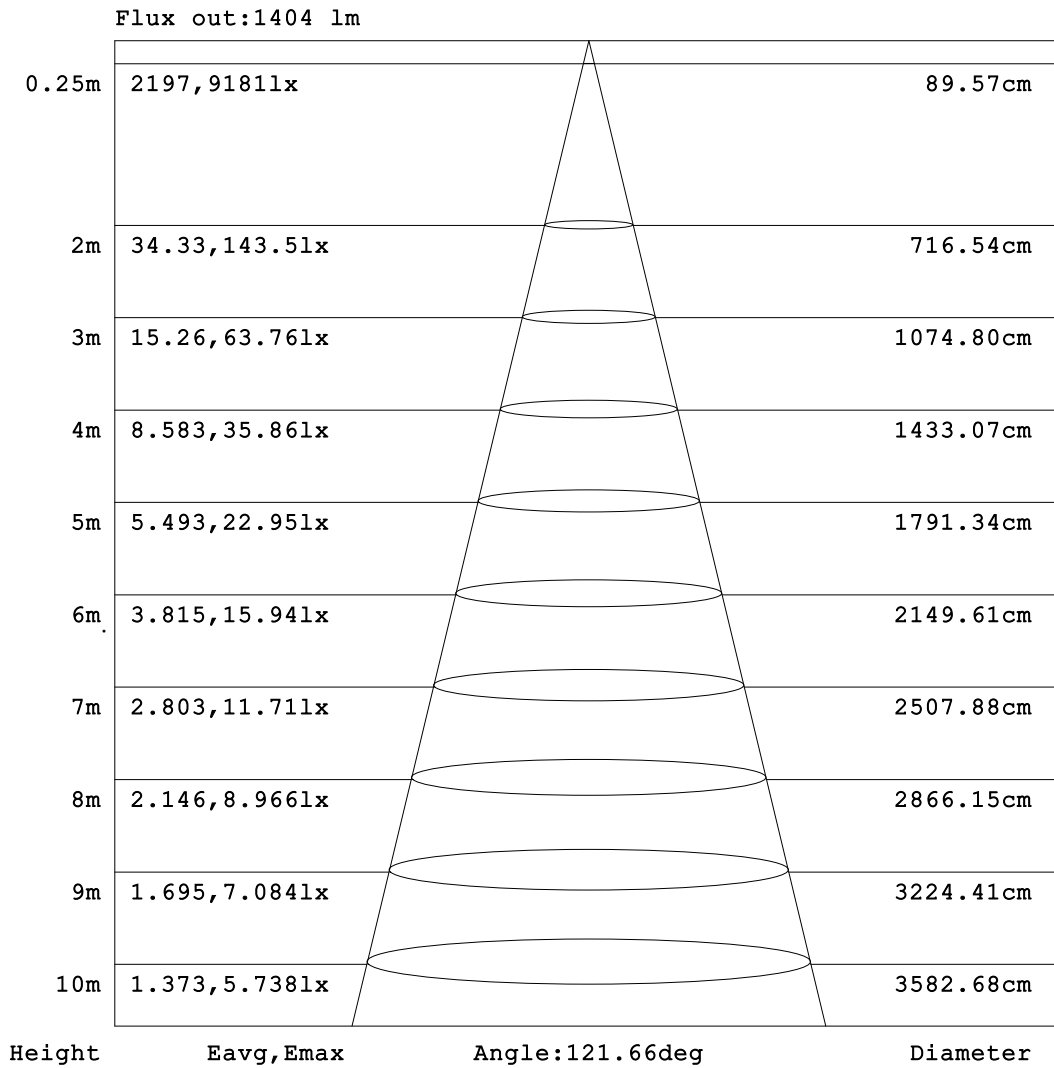


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:linye
 Test Date:2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:58.9%
 Test Distance:26.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	Shielding Angle: /



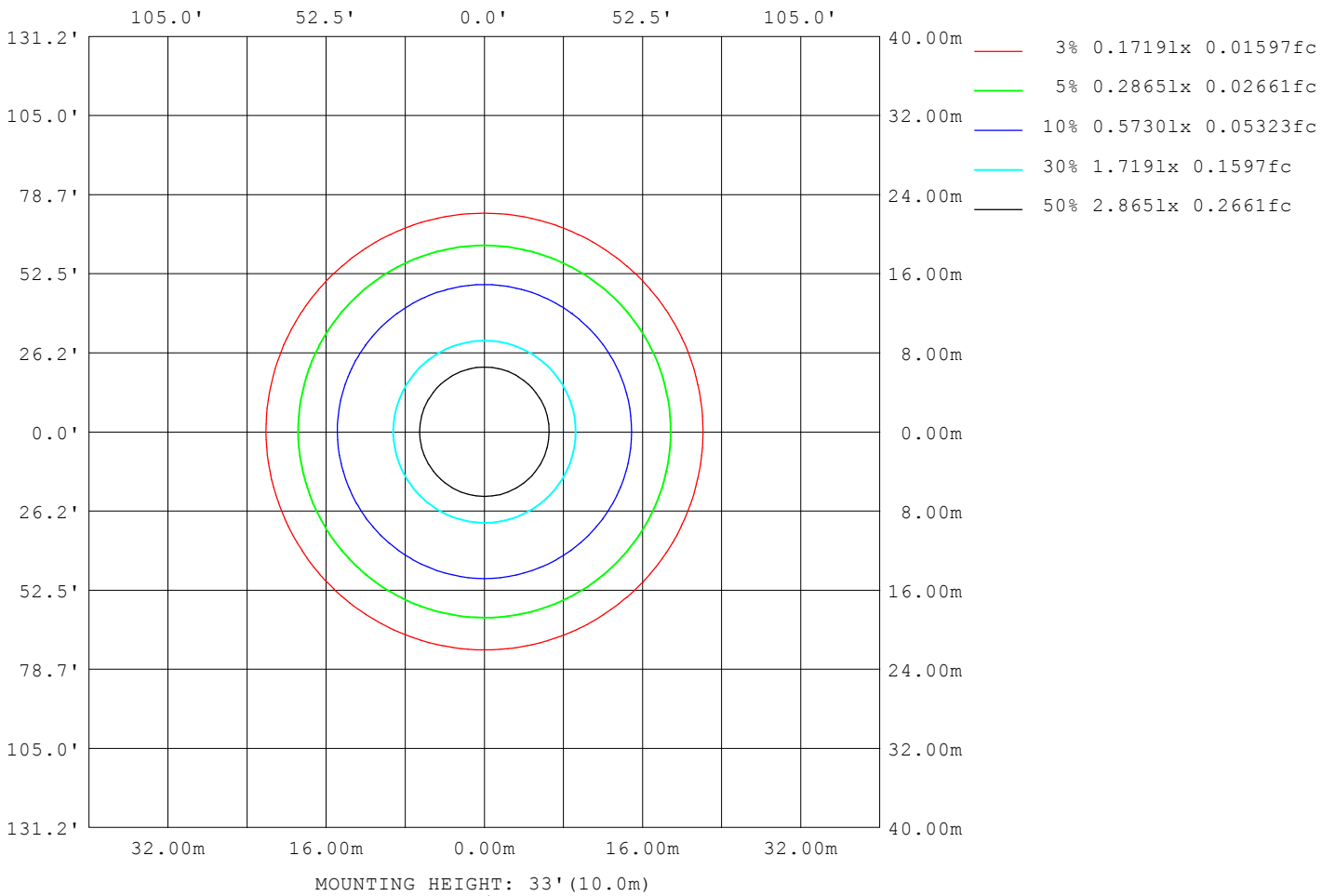
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:linye
Test Date:2026-03-05

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:58.9%
Test Distance:26.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	Shielding Angle: /



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:linye
 Test Date:2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:58.9%
 Test Distance:26.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	Shielding Angle: /

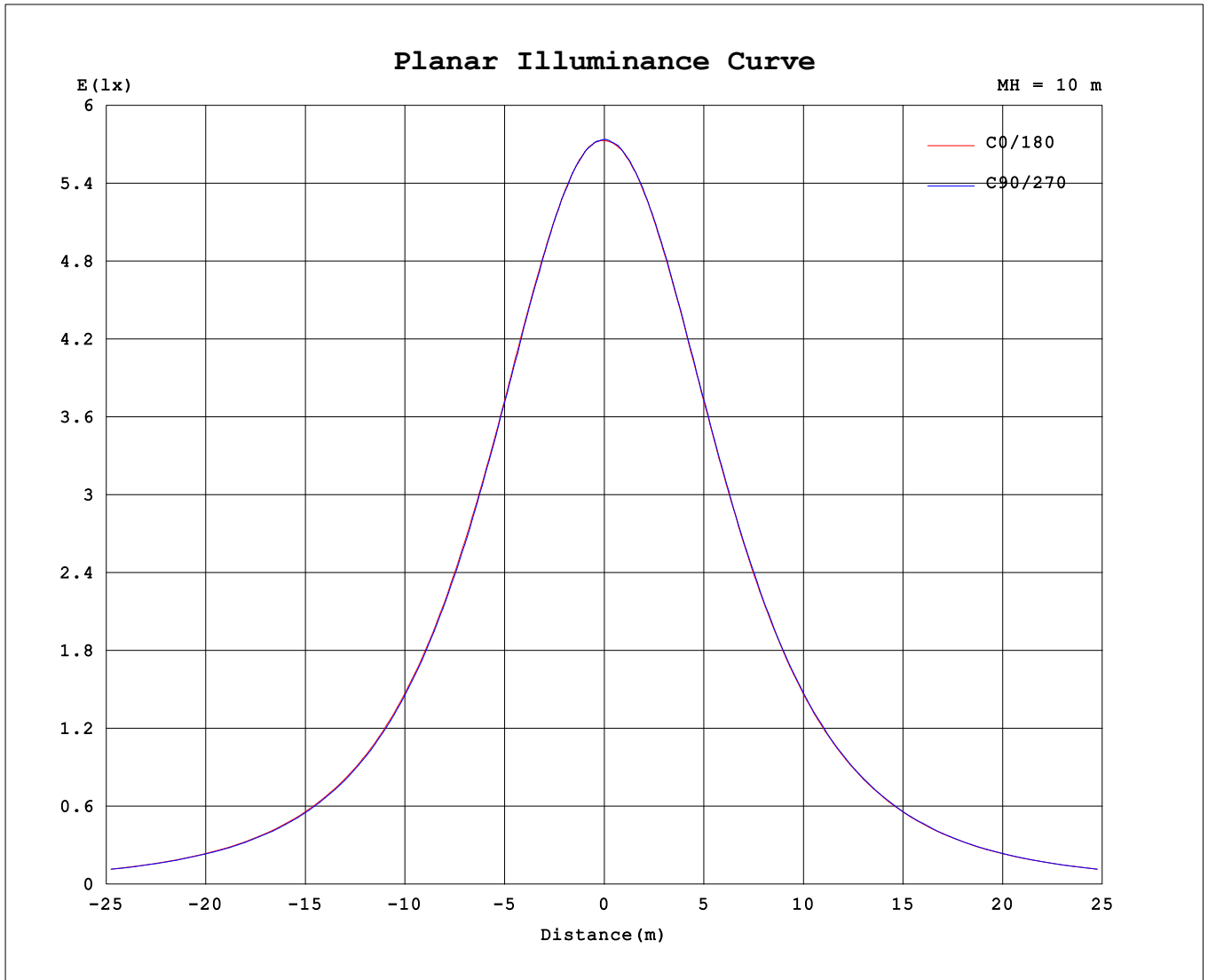
AvgL	cd/m2
L_0~180 (65) av	5231
L_0~180 (75) av	5525
L_0~180 (85) av	9049
L_90~270 (65) av	5213
L_90~270 (75) av	5502
L_90~270 (85) av	9068
L_45 (65) av	5218
L_45 (75) av	5508
L_45 (85) av	9039

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:linye
 Test Date:2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:58.9%
 Test Distance:26.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: linye
 Test Date: 2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity: 58.9%
 Test Distance: 26.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.91V I:0.2174A P:24.129W PF:0.9257 Freq:60.00Hz Lamp Flux:2193.37x1 lm		
NAME: 15寸北美吸顶灯	TYPE: 吸顶灯	WEIGHT: 1
SPEC.: /	DIM.: d=0.38	SERIAL No.: SY2500238-3#4000K
MFR.: 研发中心	SUR.: d=0.38	Shielding Angle: /

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	573	573	573	573	573	573	573	573	573	573	573	573	573	573	573	573			
5	573	572	572	572	572	571	571	572	572	572	572	573	572	572	572	573			
10	567	568	567	567	566	566	566	567	568	568	567	567	567	568	568	568			
15	559	558	558	557	557	556	556	558	558	558	558	559	558	559	560	559			
20	546	545	544	544	543	543	543	543	544	545	545	546	545	546	546	547			
25	528	527	526	525	525	524	525	525	527	527	527	528	528	529	529	529			
30	506	505	504	503	502	502	502	504	505	505	505	506	506	507	507	508			
35	481	479	478	478	476	476	476	477	478	479	479	480	480	481	481	482			
40	450	450	448	447	446	445	445	447	448	449	449	450	451	451	451	452			
45	417	416	414	413	412	412	412	413	415	415	416	417	417	418	417	418			
50	379	378	377	376	374	374	374	375	378	379	379	380	380	380	380	381			
55	339	338	337	336	334	334	334	335	338	339	339	339	340	340	340	341			
60	296	296	294	293	292	291	291	292	295	296	296	297	297	297	297	298			
65	251	251	250	249	248	248	247	248	250	251	251	252	251	252	252	253			
70	206	206	205	205	204	203	203	203	205	206	206	206	205	205	206	207			
75	162	163	163	162	162	161	161	160	162	162	162	162	161	161	161	163			
80	123	123	124	124	124	123	122	122	122	122	122	122	121	121	121	123			
85	89.8	90.8	91.6	92.3	92.2	91.6	90.4	89.5	89.1	88.7	88.1	87.8	87.0	86.7	87.2	88.8			
90	66.5	67.7	68.8	69.9	69.9	69.1	67.7	66.5	66.1	65.3	64.8	64.4	63.7	63.4	63.9	65.5			
95	55.1	56.5	57.6	58.5	58.8	58.1	56.9	55.6	54.3	53.4	52.6	51.9	51.0	50.6	51.5	53.3			
100	49.6	50.8	51.9	52.8	53.0	52.5	51.3	50.1	48.5	47.6	46.8	45.9	45.0	44.7	45.6	47.4			
105	47.5	48.7	49.7	50.5	50.7	50.3	49.2	48.2	46.7	45.6	44.6	43.7	42.9	42.9	43.8	45.4			
110	46.9	48.2	49.2	50.1	50.3	49.9	49.0	48.1	46.8	45.7	44.6	43.7	43.1	43.0	43.8	45.4			
115	46.9	48.1	49.1	50.0	50.3	49.9	49.0	48.1	46.9	45.7	44.6	43.8	43.1	43.0	43.8	45.3			
120	46.9	48.0	48.9	49.7	50.0	49.8	49.0	48.0	46.8	45.7	44.6	43.7	43.1	43.0	43.8	45.2			
125	46.6	47.7	48.7	49.5	49.7	49.6	48.7	47.9	46.4	45.4	44.5	43.7	43.1	43.0	43.8	44.9			
130	46.3	47.2	48.2	49.2	49.5	49.3	48.4	47.7	46.1	45.2	44.4	43.7	43.1	43.0	43.6	44.6			
135	45.8	46.7	47.8	48.6	48.9	48.7	47.9	47.2	45.6	44.8	44.0	43.3	43.1	42.9	43.2	44.1			
140	45.2	46.1	47.1	48.0	48.4	48.1	47.6	46.8	45.3	44.5	43.7	43.1	42.6	42.5	43.0	43.6			
145	44.8	45.8	46.7	47.7	48.0	47.7	47.3	46.5	44.9	44.4	43.5	43.1	42.6	42.5	42.9	43.2			
150	44.7	45.7	46.6	47.6	47.9	47.7	47.2	46.5	44.9	44.6	43.6	43.3	42.8	42.7	43.2	43.2			
155	44.7	45.4	46.2	47.0	47.0	47.4	47.1	46.6	44.8	44.5	43.7	43.4	43.0	43.0	43.2	43.3			
160	44.4	44.8	45.4	45.6	45.6	45.7	45.8	45.6	43.8	43.4	43.4	43.3	43.0	42.9	42.9	42.2			
165	38.0	38.8	39.3	39.7	40.2	40.4	40.5	40.3	38.5	38.3	37.8	38.4	38.7	38.9	38.5	38.3			
170	34.0	34.6	35.1	35.6	36.3	36.1	36.1	36.6	34.8	34.8	35.0	35.7	36.0	35.5	35.1	35.4			
175	37.7	39.0	39.7	39.6	39.4	39.3	38.5	38.4	38.8	38.3	36.9	34.7	33.3	32.7	32.8	34.0			
180	40.1	40.1	39.9	39.8	39.5	39.3	39.4	40.1	40.2	40.1	40.0	39.9	39.7	39.6	39.3	39.5			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:linye
 Test Date:2026-03-05

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:58.9%
 Test Distance:26.000m [K=1.0000]
 Remarks: