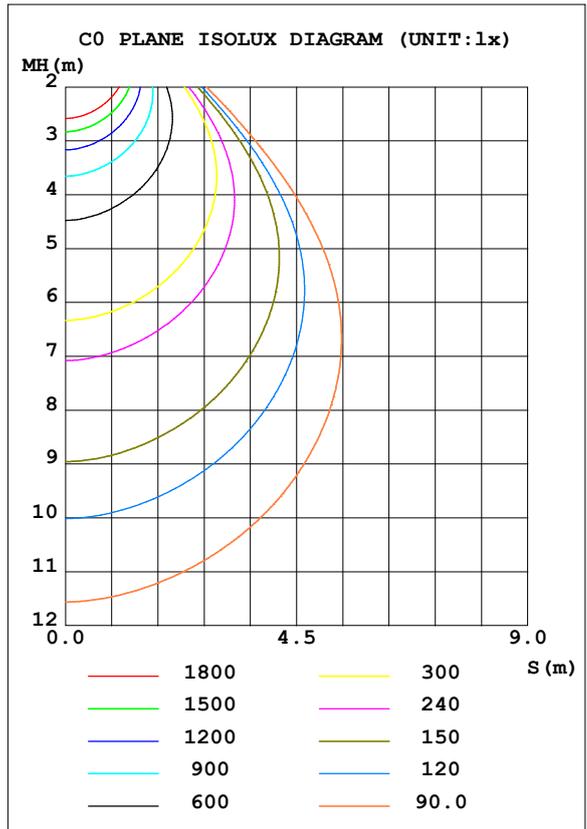
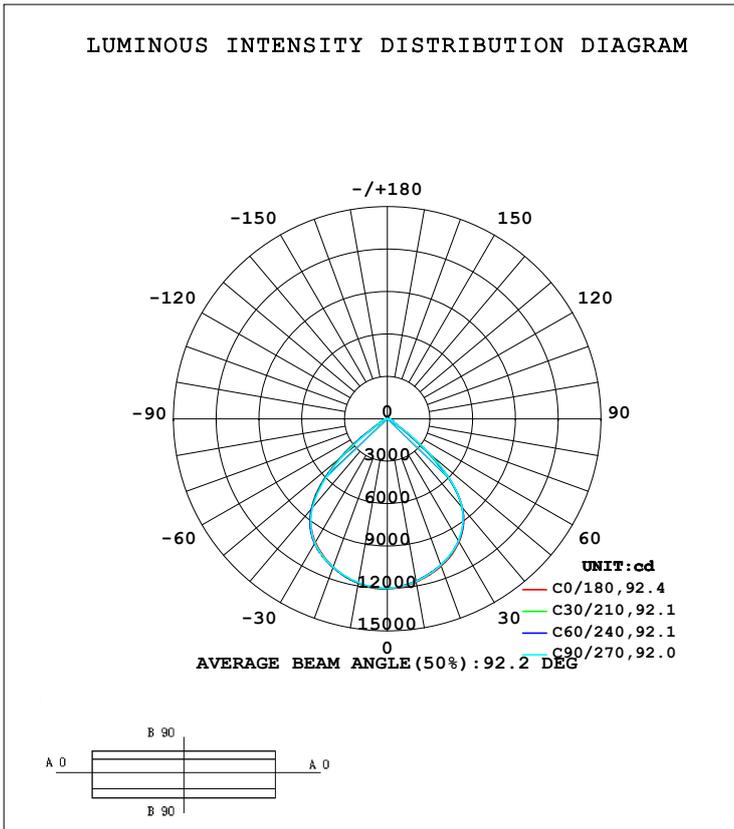


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.50 lm/W			
MODEL	GZ-UFO-BYA	I _{max} (cd)	12040	S/MH (C0/180)	1.24
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	22287	η UP, DN (C0-180)	0.0, 50.1
NOMINAL FLUX (lm)	22287.4	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.9
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	221.4	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 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	1170	1164	1166	1171	1181	1176	1175	1166	0- 10	1130	1130	5.07,5.07
20	1107	1101	1100	1107	1115	1114	1116	1108	10- 20	3227	4357	19.5,19.5
30	1006	1001	997.7	1006	1009	1016	1016	1007	20- 30	4899	9256	41.5,41.5
40	818.5	820.9	814.8	827.4	827.3	823.7	815.3	800.5	30- 40	5781	15037	67.5,67.5
50	378.3	380.6	399.4	438.4	438.2	424.6	407.0	361.2	40- 50	4851	19887	89.2,89.2
60	57.19	60.57	61.41	68.28	67.68	66.00	64.20	57.55	50- 60	1648	21535	96.6,96.6
70	30.59	31.65	34.14	35.87	32.15	31.23	31.33	31.14	60- 70	438.4	21973	98.6,98.6
80	12.58	13.92	15.74	17.12	14.10	13.27	12.95	11.43	70- 80	239.3	22213	99.7,99.7
90	0.8908	0.8848	0.8647	0.8933	0.0575	0.0629	0.0523	0.0576	80- 90	68.97	22282	100,100
100	1.009	1.002	0.9841	0.9736	0.0811	0.0811	0.0837	0.0933	90-100	5.444	22287	100,100
110	0	0	0	0	0	0	0	0	100-110	0.2896	22287	100,100
120	0	0	0	0	0	0	0	0	110-120	0	22287	100,100
130	0	0	0	0	0	0	0	0	120-130	0	22287	100,100
140	0	0	0	0	0	0	0	0	130-140	0	22287	100,100
150	0	0	0	0	0	0	0	0	140-150	0	22287	100,100
160	0	0	0	0	0	0	0	0	150-160	0	22287	100,100
170	0	0	0	0	0	0	0	0	160-170	0	22287	100,100
180	0	0	0	0	0	0	0	0	170-180	0	22287	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 17763 lm

%lum = 79.7%

%lamp = 79.7%

Conical surface Flux(120deg): 21535 lm

%lum = 96.6%

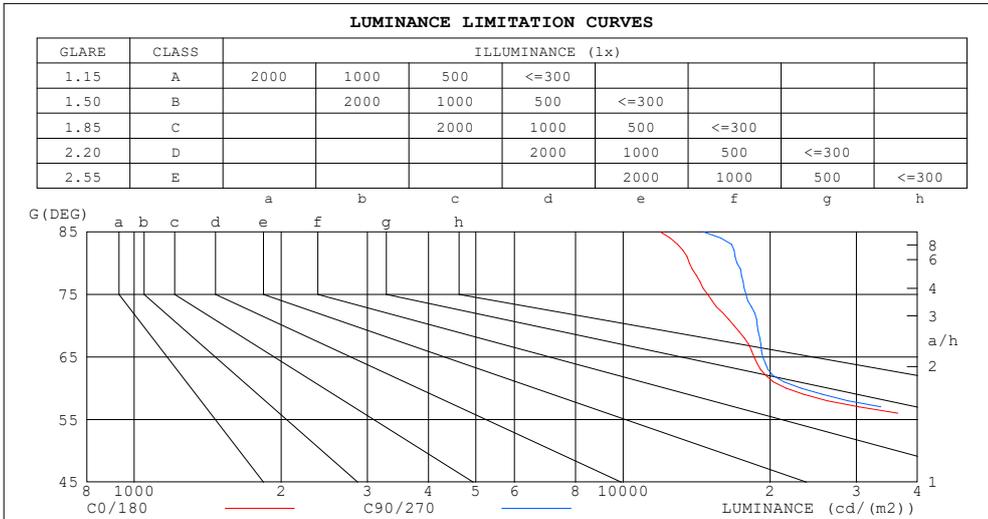
%lamp = 96.6%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz		
Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11907	14593
80	13666	17099
75	14903	17850
70	16878	18836
65	18532	19326
60	21581	23173
55	44553	50097
50	111029	117229
45	171379	172346

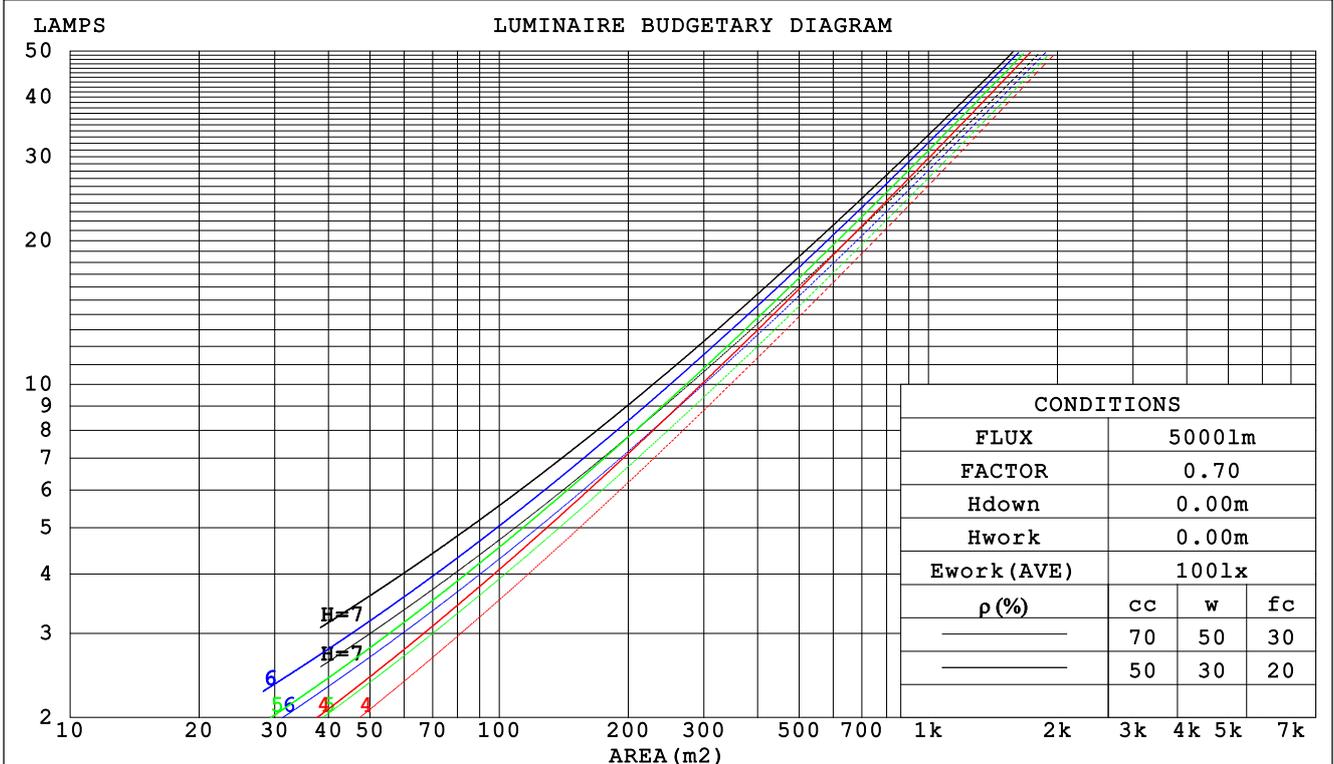
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz		
Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	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															
	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	1.08	1.05	1.02	1.06	1.03	1.01	1.02	.99	.98	.98	.96	.95	.95	.93	.92	.90
2.0	.98	.93	.89	.96	.92	.88	.93	.89	.86	.90	.87	.84	.87	.84	.82	.80
3.0	.89	.83	.78	.88	.82	.77	.85	.80	.76	.82	.78	.74	.80	.76	.73	.71
4.0	.81	.74	.69	.80	.73	.68	.77	.72	.67	.75	.70	.66	.73	.69	.66	.64
5.0	.74	.66	.61	.73	.66	.61	.71	.65	.60	.69	.64	.60	.67	.63	.59	.57
6.0	.67	.60	.55	.67	.60	.54	.65	.59	.54	.63	.58	.54	.62	.57	.53	.51
7.0	.62	.54	.49	.61	.54	.49	.60	.53	.49	.58	.53	.48	.57	.52	.48	.46
8.0	.57	.50	.45	.56	.49	.44	.55	.49	.44	.54	.48	.44	.53	.48	.44	.42
9.0	.53	.45	.41	.52	.45	.41	.51	.45	.40	.50	.44	.40	.49	.44	.40	.38
10.0	.49	.42	.37	.48	.42	.37	.48	.41	.37	.47	.41	.37	.46	.41	.37	.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz		
Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	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	.223	.127	.040	.217	.124	.039	.204	.117	.037	.192	.111	.036	.181	.105	.034	
2.0	.217	.119	.037	.211	.116	.036	.200	.111	.035	.190	.107	.033	.181	.102	.032	
3.0	.208	.111	.033	.203	.109	.033	.193	.105	.032	.184	.101	.031	.176	.097	.030	
4.0	.198	.103	.030	.193	.101	.030	.185	.098	.029	.177	.095	.029	.170	.092	.028	
5.0	.188	.096	.028	.184	.094	.027	.176	.092	.027	.169	.089	.027	.163	.087	.026	
6.0	.178	.089	.026	.175	.088	.025	.168	.086	.025	.162	.084	.025	.156	.082	.024	
7.0	.169	.084	.024	.166	.083	.024	.160	.081	.023	.154	.079	.023	.149	.077	.023	
8.0	.161	.078	.022	.158	.078	.022	.152	.076	.022	.147	.075	.022	.143	.073	.021	
9.0	.153	.074	.021	.150	.073	.021	.145	.072	.020	.141	.071	.020	.137	.069	.020	
10.0	.145	.070	.019	.143	.069	.019	.139	.068	.019	.135	.067	.019	.131	.066	.019	

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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.175	.157	.141	.149	.135	.122	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.163	.132	.107	.139	.114	.093	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.153	.114	.083	.131	.098	.072	.090	.068	.051	.052	.040	.030	.017	.013	.010	
4.0	.144	.100	.066	.124	.086	.057	.085	.060	.040	.049	.035	.024	.016	.011	.008	
5.0	.137	.089	.054	.118	.077	.047	.081	.054	.033	.047	.032	.020	.015	.010	.006	
6.0	.130	.080	.044	.112	.070	.039	.077	.049	.027	.045	.029	.016	.014	.009	.005	
7.0	.124	.073	.037	.107	.064	.033	.074	.045	.023	.043	.026	.014	.014	.009	.005	
8.0	.119	.067	.032	.102	.058	.028	.071	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.114	.062	.028	.098	.054	.024	.068	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.109	.058	.025	.094	.051	.021	.065	.036	.015	.038	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz										
Lamp Flux:22287.4x1 lm										
NAME: GZ-UFO-BYA				TYPE:				WEIGHT:		
SPEC.:				DIM.:				SERIAL No.: 2025070903		
MFR.:				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	27.0	28.3	27.3	28.5	28.7	27.1	28.4	27.4	28.6	28.8
3H	27.0	28.1	27.2	28.3	28.5	27.1	28.2	27.3	28.4	28.6
4H	26.9	28.0	27.2	28.2	28.5	27.0	28.1	27.3	28.3	28.6
6H	26.9	27.9	27.2	28.1	28.4	27.0	28.0	27.3	28.3	28.5
8H	26.8	27.8	27.2	28.1	28.3	27.0	28.0	27.3	28.2	28.5
12H	26.8	27.7	27.1	28.0	28.3	27.0	27.9	27.3	28.2	28.5
4H 2H	26.8	27.9	27.1	28.1	28.4	26.9	28.0	27.2	28.2	28.5
3H	26.8	27.7	27.1	28.0	28.3	26.9	27.8	27.3	28.1	28.4
4H	26.8	27.6	27.2	27.9	28.3	26.9	27.8	27.3	28.1	28.4
6H	26.8	27.5	27.2	27.9	28.2	26.9	27.7	27.3	28.0	28.4
8H	26.8	27.5	27.2	27.8	28.2	27.0	27.6	27.4	28.0	28.4
12H	26.8	27.4	27.2	27.8	28.2	26.9	27.6	27.4	27.9	28.3
8H 4H	26.7	27.4	27.1	27.8	28.1	26.8	27.5	27.2	27.9	28.2
6H	26.8	27.3	27.2	27.7	28.1	26.9	27.5	27.3	27.8	28.3
8H	26.8	27.3	27.2	27.7	28.1	26.9	27.4	27.4	27.8	28.3
12H	26.8	27.2	27.2	27.6	28.1	26.9	27.4	27.4	27.8	28.3
12H 4H	26.7	27.3	27.1	27.7	28.1	26.8	27.4	27.2	27.8	28.2
6H	26.7	27.2	27.2	27.6	28.1	26.9	27.4	27.3	27.8	28.2
8H	26.8	27.2	27.2	27.6	28.1	26.9	27.3	27.4	27.8	28.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 4.7					+ 2.2 / - 4.3				
1.5H	+ 1.4 / - 4.9					+ 1.4 / - 4.7				
2.0H	+ 5.0 / - 5.3					+ 4.8 / - 5.2				

CIE Pub.117, 22287 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.8)
 Area: 0.053 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	SUR.:	Shielding Angle:

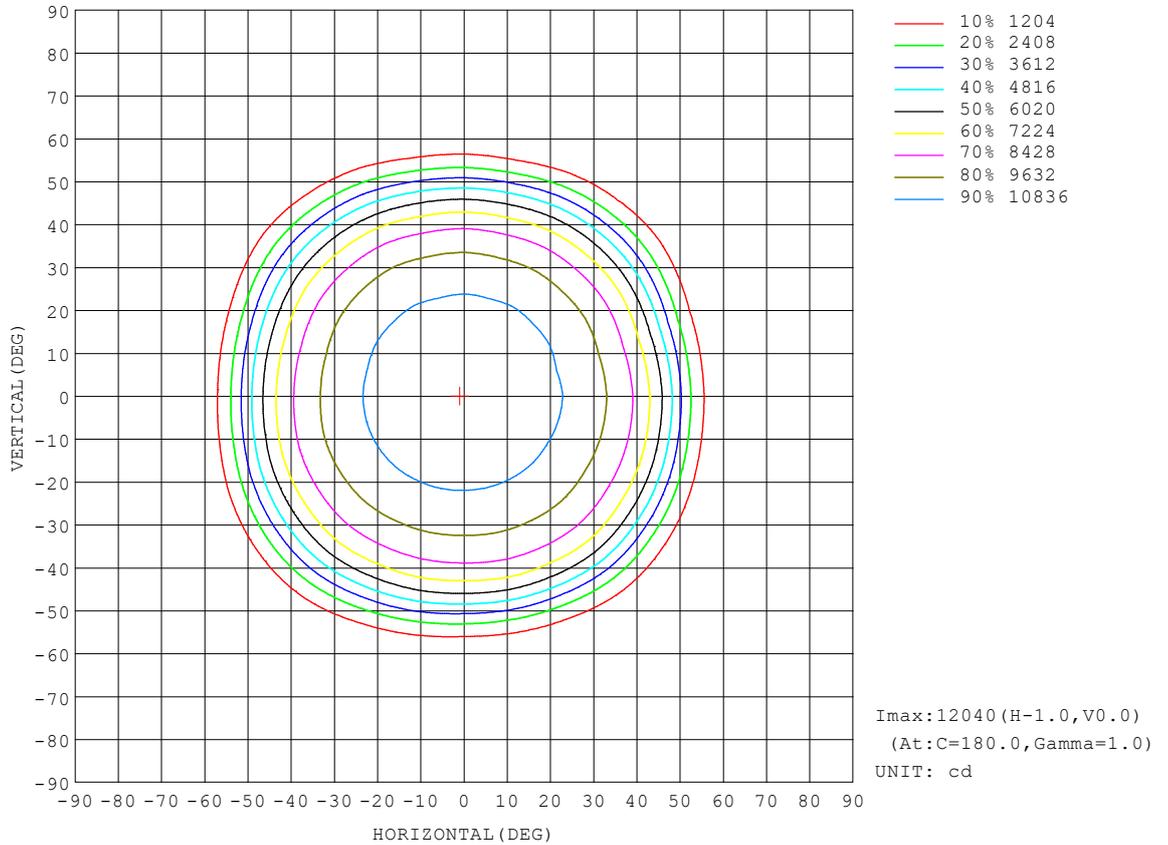
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	71	61	56	70	61	56	69	61	56	50
0.80	81	72	66	80	71	66	78	71	66	60
1.00	88	80	75	87	80	75	86	80	74	69
1.25	95	87	82	93	86	82	91	85	81	75
1.50	98	92	87	97	91	86	95	89	85	79
2.00	103	98	93	102	96	92	99	94	91	85
2.50	106	100	96	104	99	95	101	97	93	87
3.00	108	103	100	106	102	98	103	99	96	89
4.00	111	107	103	108	105	102	105	102	99	92
5.00	112	109	106	110	107	104	106	103	101	93
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:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz		
Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	SUR.:	Shielding Angle:

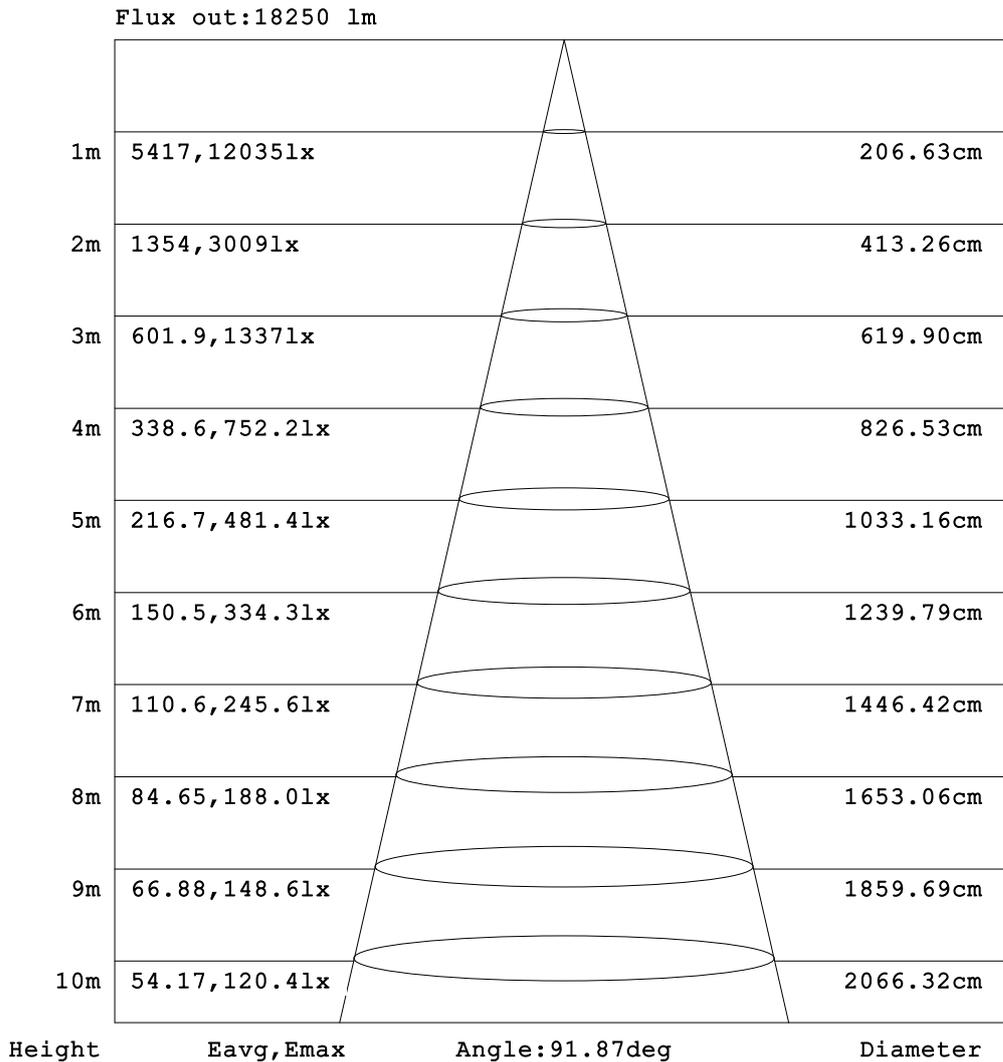


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz		
Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	SUR.:	Shielding Angle:



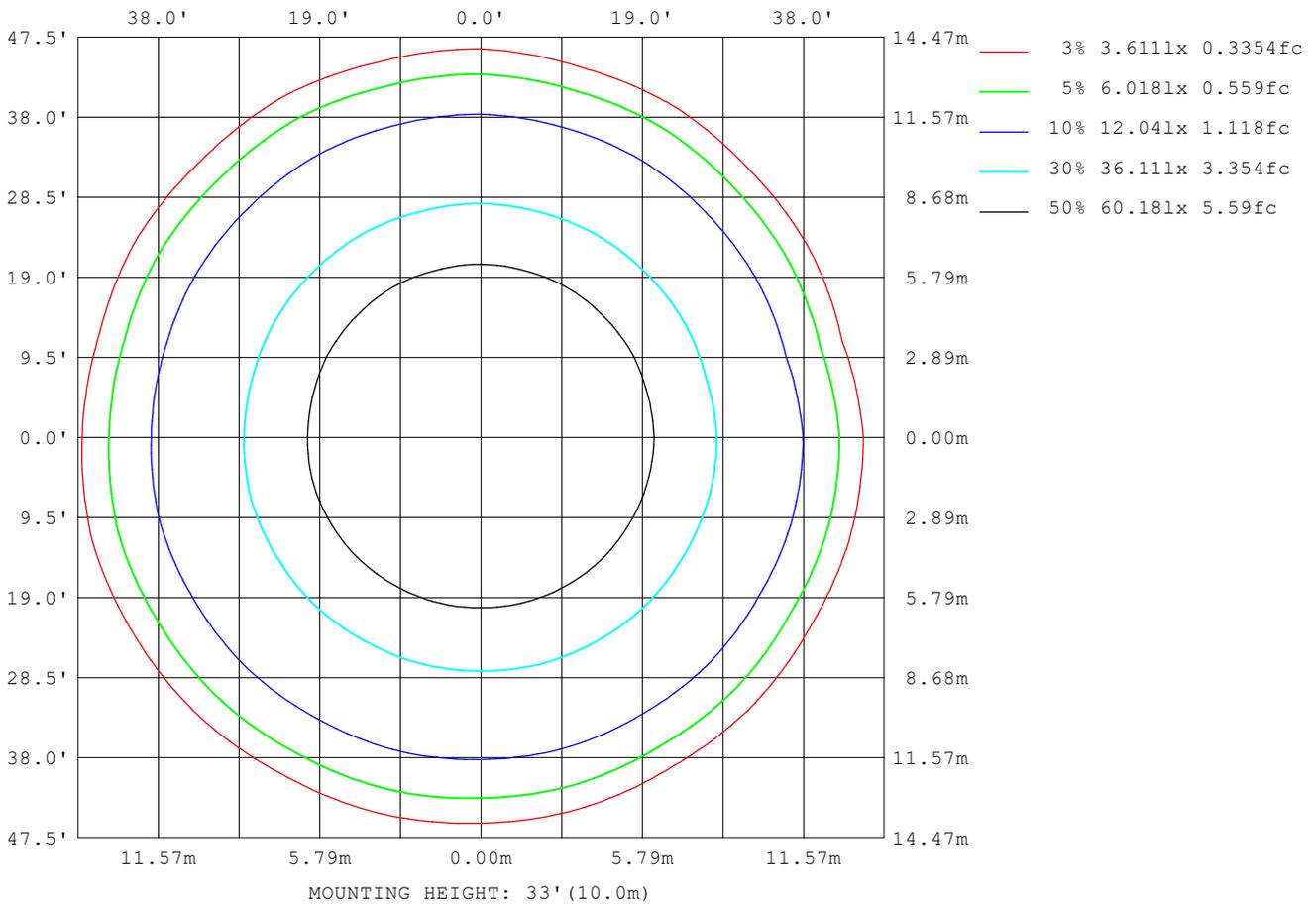
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz		
Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz		
Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	SUR.:	Shielding Angle:

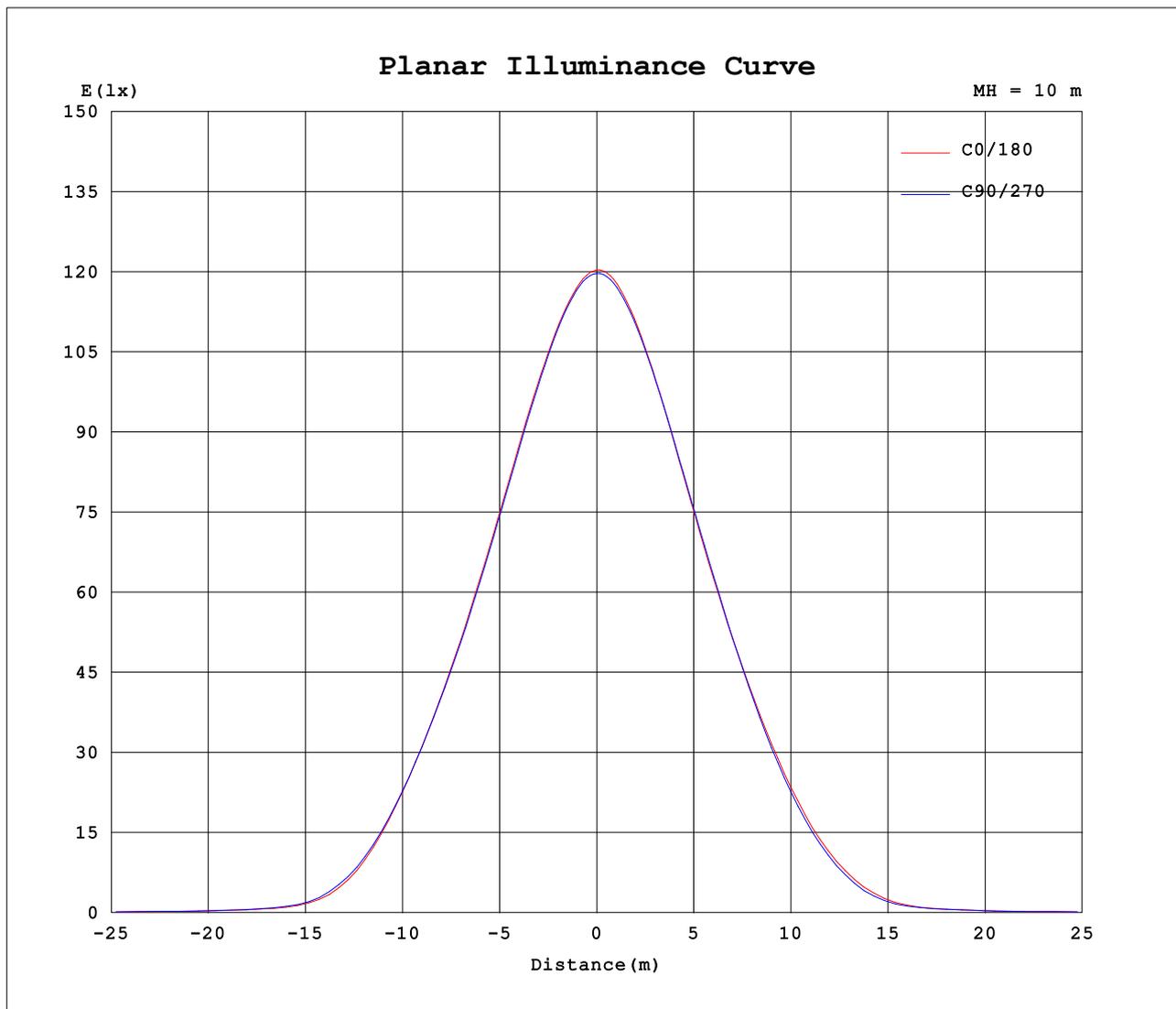
AvgL	cd/m2
L_0~180 (65) av	18769
L_0~180 (75) av	15520
L_0~180 (85) av	13275
L_90~270 (65) av	19223
L_90~270 (75) av	16726
L_90~270 (85) av	12567
L_45 (65) av	19113
L_45 (75) av	16483
L_45 (85) av	13647

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

C (DEG) \ γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1204	1201	1200	1198	1198	1196	1197	1196	1196	1194	1195	1194	1204	1201	1200	1198	1198	1196	1197
5	1192	1189	1188	1187	1187	1186	1188	1188	1189	1190	1191	1191	1200	1197	1197	1194	1195	1192	1192
10	1170	1167	1165	1164	1164	1164	1166	1167	1169	1171	1173	1174	1181	1178	1179	1176	1178	1174	1175
15	1142	1139	1136	1135	1135	1135	1137	1139	1140	1143	1145	1147	1152	1150	1152	1150	1152	1148	1149
20	1107	1104	1101	1101	1100	1100	1100	1102	1104	1107	1109	1112	1115	1112	1116	1114	1117	1114	1116
25	1063	1060	1056	1057	1055	1055	1055	1056	1058	1062	1064	1067	1067	1065	1071	1070	1074	1070	1072
30	1006	1003	999	1001	999	999	998	1000	1001	1006	1009	1012	1009	1008	1015	1016	1020	1014	1016
35	930	928	924	928	925	925	922	925	925	932	934	939	935	933	941	940	942	934	936
40	819	819	813	821	817	820	815	819	817	827	828	836	827	821	828	824	826	814	815
45	642	646	635	647	641	651	646	657	655	669	667	677	665	656	663	654	655	640	641
50	378	379	368	381	379	396	399	416	420	438	442	454	438	428	433	425	426	410	407
55	135	137	131	140	138	151	152	169	172	191	199	208	194	181	192	178	184	164	166
60	57.2	58.2	58.7	60.6	60.0	61.3	61.4	64.8	65.4	68.3	69.7	73.2	67.7	65.8	69.0	66.0	67.8	63.7	64.2
65	41.5	41.8	42.1	42.0	42.1	42.6	43.3	44.1	44.6	45.1	45.7	46.2	42.6	42.9	43.2	42.4	42.8	42.7	42.8
70	30.6	31.6	31.7	31.7	32.0	33.0	34.1	34.5	35.1	35.9	36.1	35.5	32.1	32.4	32.3	31.2	31.0	30.8	31.3
75	20.4	21.9	22.2	22.2	22.3	23.7	24.5	24.4	24.6	26.5	26.7	25.7	22.1	22.9	22.8	21.4	21.1	21.0	21.4
80	12.6	13.5	13.9	13.9	14.1	15.0	15.7	15.5	15.9	17.1	17.5	16.3	14.1	14.6	14.6	13.3	13.3	12.5	12.9
85	5.50	5.90	5.94	6.34	6.16	6.48	6.74	7.32	8.21	8.64	8.81	9.02	6.76	6.76	6.69	6.18	5.86	5.04	4.87
90	0.89	0.89	0.89	0.88	0.88	0.88	0.86	0.87	0.87	0.89	0.92	1.05	0.06	0.07	0.06	0.06	0.05	0.05	0.05
95	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.92	0.91	0.92	0.07	0.06	0.07	0.06	0.06	0.06	0.07
100	1.01	1.01	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.98	0.08	0.08	0.08	0.08	0.08	0.08	0.08
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:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.40V I:0.688A P:151.10W PF:0.992 Freq:0Hz		
Lamp Flux:22287.4x1 lm		
NAME: GZ-UFO-BYA	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025070903
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1196	1196	1194	1195	1194														
5	1189	1189	1185	1186	1182														
10	1171	1170	1166	1166	1161														
15	1145	1145	1140	1140	1134														
20	1112	1113	1108	1108	1101														
25	1068	1070	1065	1066	1058														
30	1011	1013	1007	1009	1001														
35	928	929	923	926	918														
40	805	808	801	804	796														
45	628	629	615	612	602														
50	388	382	361	354	334														
55	146	147	130	129	114														
60	61.0	61.6	57.5	58.2	55.6														
65	42.2	42.4	41.7	42.0	41.2														
70	30.6	30.5	31.1	30.9	30.1														
75	19.8	20.0	20.4	20.8	19.0														
80	11.8	11.8	11.4	12.0	11.0														
85	4.46	4.60	4.05	4.17	3.88														
90	0.05	0.06	0.06	0.06	0.06														
95	0.06	0.07	0.07	0.07	0.07														
100	0.08	0.09	0.09	0.10	0.10														
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:25DEG
 Operators:SENPU
 Test Date:2025-07-09

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks: