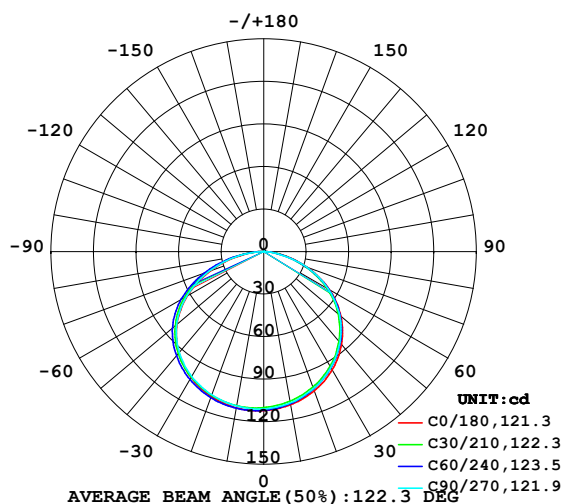


LUMINAIRE PHOTOMETRIC TEST REPORT

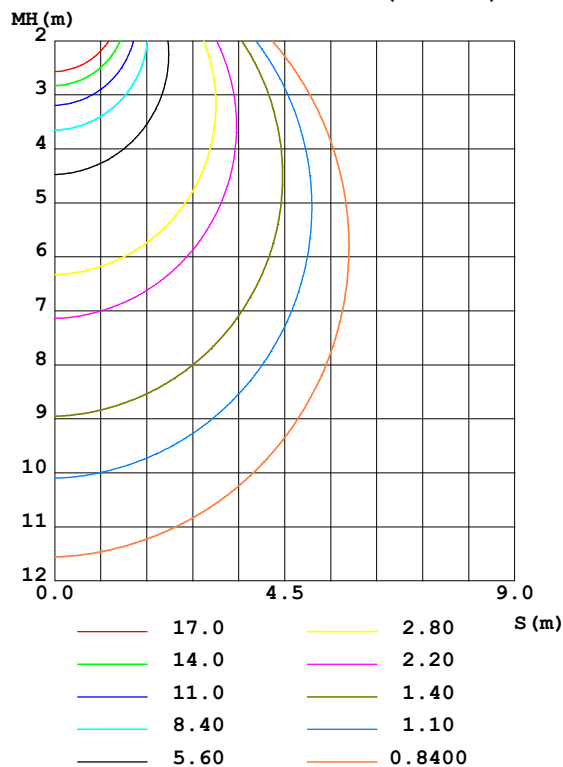
Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 31.34 lm/W			
MODEL		I _{max} (cd)	112.7	S/MH (C0/180)	1.36
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.36
RATED VOLTAGE (V)		TOTAL FLUX (lm)	351.96	η UP, DN (C0-180)	0.0, 48.1
NOMINAL FLUX (lm)	351.963	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.8
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	99.9	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENGPU
 Test Date: 2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

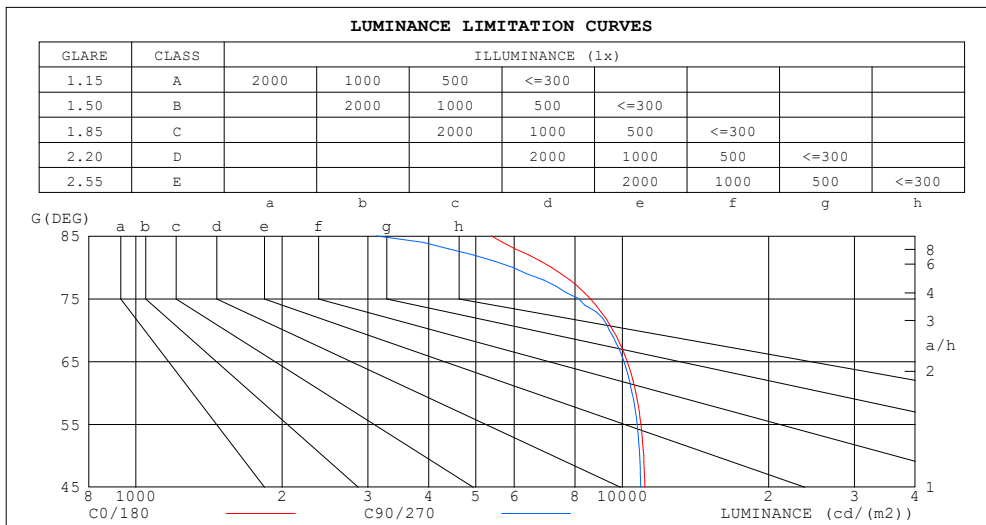
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	109.6	107.9	108.3	111.3	111.9	110.9	110.6	111.0	0- 10	10.56	10.56	3,3
20	104.5	102.4	102.8	107.1	108.6	108.2	107.5	106.7	10- 20	30.57	41.13	11.7,11.7
30	96.44	94.05	94.57	99.85	102.6	102.8	101.7	99.46	20- 30	47.30	88.43	25.1,25.1
40	85.46	83.27	83.68	89.49	93.12	94.36	92.71	89.52	30- 40	58.83	147.3	41.8,41.8
50	71.17	69.88	69.83	76.22	79.96	82.48	80.18	75.93	40- 50	63.62	210.9	59.9,59.9
60	53.34	52.64	52.40	58.93	62.04	65.90	62.70	58.06	50- 60	59.96	270.8	77,77
70	32.73	31.82	32.19	37.49	40.04	43.87	41.31	33.85	60- 70	47.02	317.9	90.3,90.3
80	12.41	11.72	10.33	15.31	16.92	19.23	18.04	12.39	70- 80	26.80	344.7	97.9,97.9
90	0.8118	0.7216	0.0679	1.128	1.065	1.630	0.0152	0.7433	80- 90	7.066	351.7	99.9,99.9
100	0.0755	0.0830	0.0528	0.0906	0.0302	0.0377	0.0226	0.0453	90-100	0.2229	352.0	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0045	352.0	100,100
120	0	0	0	0	0	0	0	0	110-120	0	352.0	100,100
130	0	0	0	0	0	0	0	0	120-130	0	352.0	100,100
140	0	0	0	0	0	0	0	0	130-140	0	352.0	100,100
150	0	0	0	0	0	0	0	0	140-150	0	352.0	100,100
160	0	0	0	0	0	0	0	0	150-160	0	352.0	100,100
170	0	0	0	0	0	0	0	0	160-170	0	352.0	100,100
180	0	0	0	0	0	0	0	0	170-180	0	352.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENGPU
 Test Date:2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5386	3127
80	7144	5948
75	8603	8142
70	9568	9411
65	10244	10076
60	10667	10480
55	10927	10733
50	11072	10863
45	11133	10912

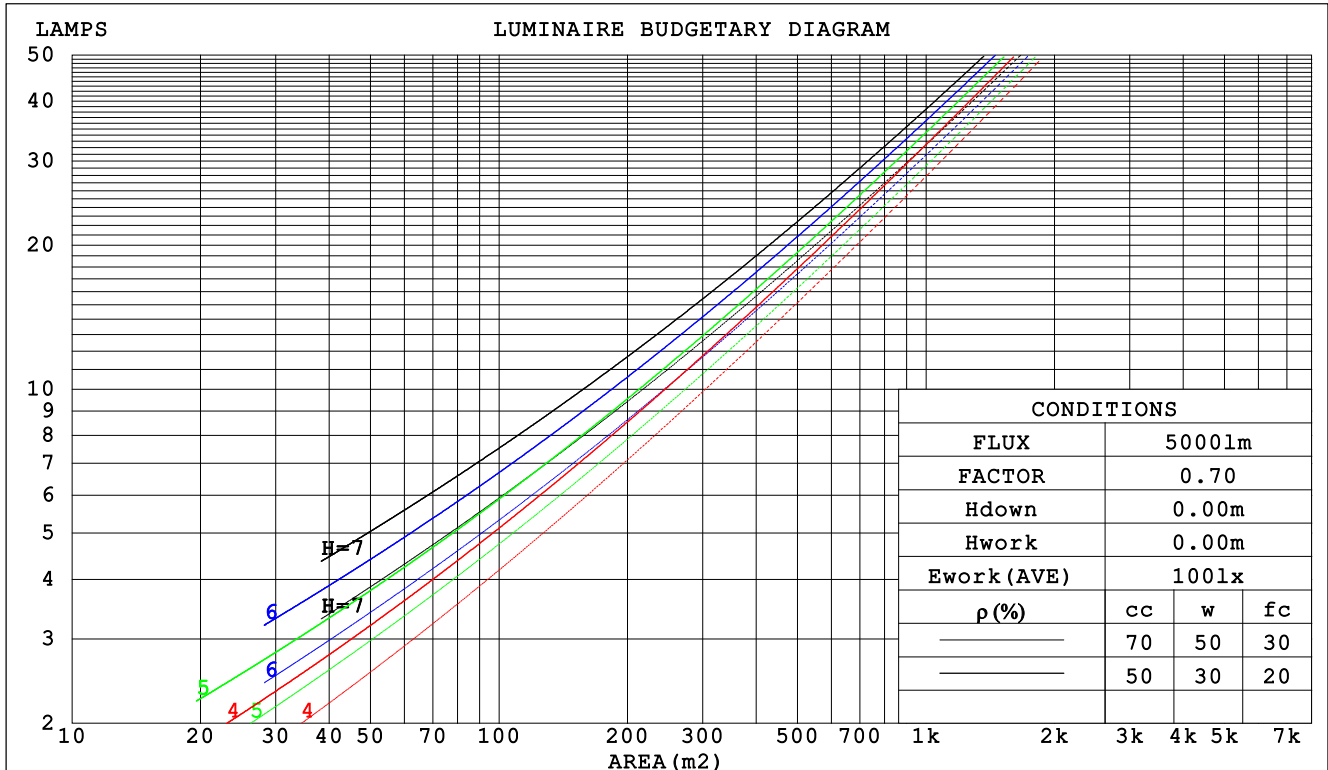
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENGPU
Test Date: 2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000 SYSTEM V2.0.402
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.78	.70	.63	.77	.69	.63	.74	.67	.61	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.56	.51	.61	.55	.50	.48
5.0	.61	.52	.45	.60	.52	.45	.58	.50	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.55	.46	.39	.54	.45	.39	.52	.45	.39	.51	.44	.38	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.40	.34	.47	.40	.34	.46	.39	.34	.45	.38	.34	.32
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.33	.28	.41	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENGPU
 Test Date: 2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm					
NAME: S010060CC3PZ			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.:		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.319	.181	.057	.312	.178	.056	.298	.171	.055	.286	.165	.053	.275	.159	.051		
2.0	.300	.164	.050	.293	.162	.050	.282	.157	.049	.271	.152	.048	.261	.147	.046		
3.0	.277	.147	.044	.271	.145	.044	.261	.141	.043	.251	.138	.042	.242	.134	.042		
4.0	.255	.133	.039	.250	.131	.039	.241	.128	.038	.232	.125	.038	.224	.122	.037		
5.0	.235	.120	.035	.231	.119	.035	.223	.116	.034	.215	.113	.034	.208	.111	.033		
6.0	.218	.109	.031	.214	.108	.031	.207	.106	.031	.200	.104	.031	.193	.102	.030		
7.0	.202	.100	.028	.199	.099	.028	.192	.097	.028	.186	.096	.028	.181	.094	.028		
8.0	.189	.092	.026	.186	.091	.026	.180	.090	.026	.174	.088	.025	.169	.087	.025		
9.0	.177	.086	.024	.174	.085	.024	.169	.083	.024	.164	.082	.023	.159	.081	.023		
10.0	.166	.080	.022	.164	.079	.022	.159	.078	.022	.154	.077	.022	.150	.075	.022		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.181	.157	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.020	.017	.015	
2.0	.174	.132	.098	.149	.114	.084	.102	.079	.059	.059	.046	.034	.019	.015	.011	
3.0	.166	.115	.074	.143	.099	.064	.098	.069	.045	.057	.040	.026	.018	.013	.009	
4.0	.159	.102	.058	.136	.088	.050	.094	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.151	.091	.047	.130	.079	.041	.090	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.144	.083	.039	.124	.072	.034	.086	.050	.024	.050	.030	.014	.016	.010	.005	
7.0	.137	.076	.033	.118	.066	.029	.082	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.131	.070	.029	.113	.061	.025	.078	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.125	.065	.025	.107	.057	.022	.074	.040	.016	.043	.024	.009	.014	.008	.003	
10.0	.119	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENGPU
 Test Date: 2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm										
NAME: S010060CC3PZ					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
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	20.9	22.5	21.2	22.7	22.9	21.0	22.6	21.3	22.8	23.0
3H	22.4	23.9	22.7	24.1	24.4	22.5	24.0	22.8	24.2	24.4
4H	23.0	24.4	23.3	24.6	24.9	23.1	24.4	23.4	24.7	24.9
6H	23.4	24.7	23.7	24.9	25.2	23.4	24.6	23.7	24.9	25.2
8H	23.5	24.7	23.8	25.0	25.3	23.4	24.7	23.7	24.9	25.2
12H	23.5	24.7	23.9	25.0	25.3	23.4	24.6	23.8	24.9	25.2
4H 2H	21.5	22.9	21.9	23.2	23.4	21.6	23.0	21.9	23.2	23.5
3H	23.2	24.4	23.6	24.7	25.0	23.3	24.5	23.6	24.8	25.1
4H	23.9	25.0	24.3	25.3	25.6	23.9	25.0	24.3	25.4	25.7
6H	24.3	25.3	24.8	25.7	26.0	24.4	25.3	24.8	25.7	26.1
8H	24.5	25.4	24.9	25.8	26.2	24.5	25.4	24.9	25.7	26.1
12H	24.6	25.4	25.0	25.8	26.2	24.5	25.3	24.9	25.7	26.1
8H 4H	24.1	25.0	24.5	25.4	25.8	24.2	25.1	24.6	25.4	25.8
6H	24.7	25.4	25.1	25.9	26.3	24.7	25.5	25.2	25.9	26.3
8H	24.9	25.6	25.4	26.0	26.4	24.9	25.6	25.3	26.0	26.4
12H	25.0	25.6	25.5	26.1	26.5	25.0	25.6	25.5	26.0	26.5
12H 4H	24.1	24.9	24.5	25.3	25.7	24.2	25.0	24.6	25.4	25.8
6H	24.7	25.4	25.2	25.8	26.3	24.7	25.4	25.2	25.8	26.3
8H	25.0	25.5	25.4	26.0	26.5	24.9	25.5	25.4	26.0	26.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.4				

CIE Pub.117, 352.0 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -3.6$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENGPU
 Test Date:2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

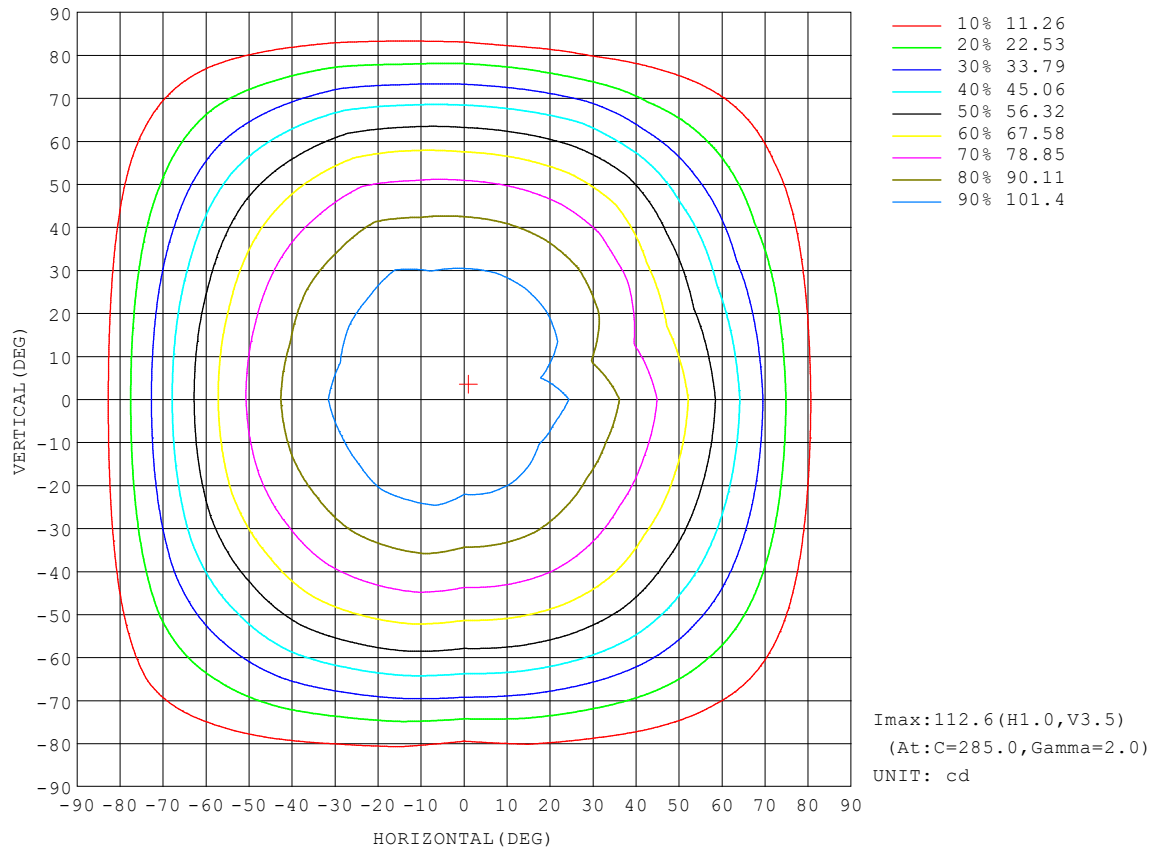
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	46	65	54	46	63	53	46	39
1.00	75	63	56	73	62	55	71	64	55	47
1.25	82	71	64	80	70	63	78	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	94	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	97	101	98	94	85
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: SENGPU
 Test Date: 2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

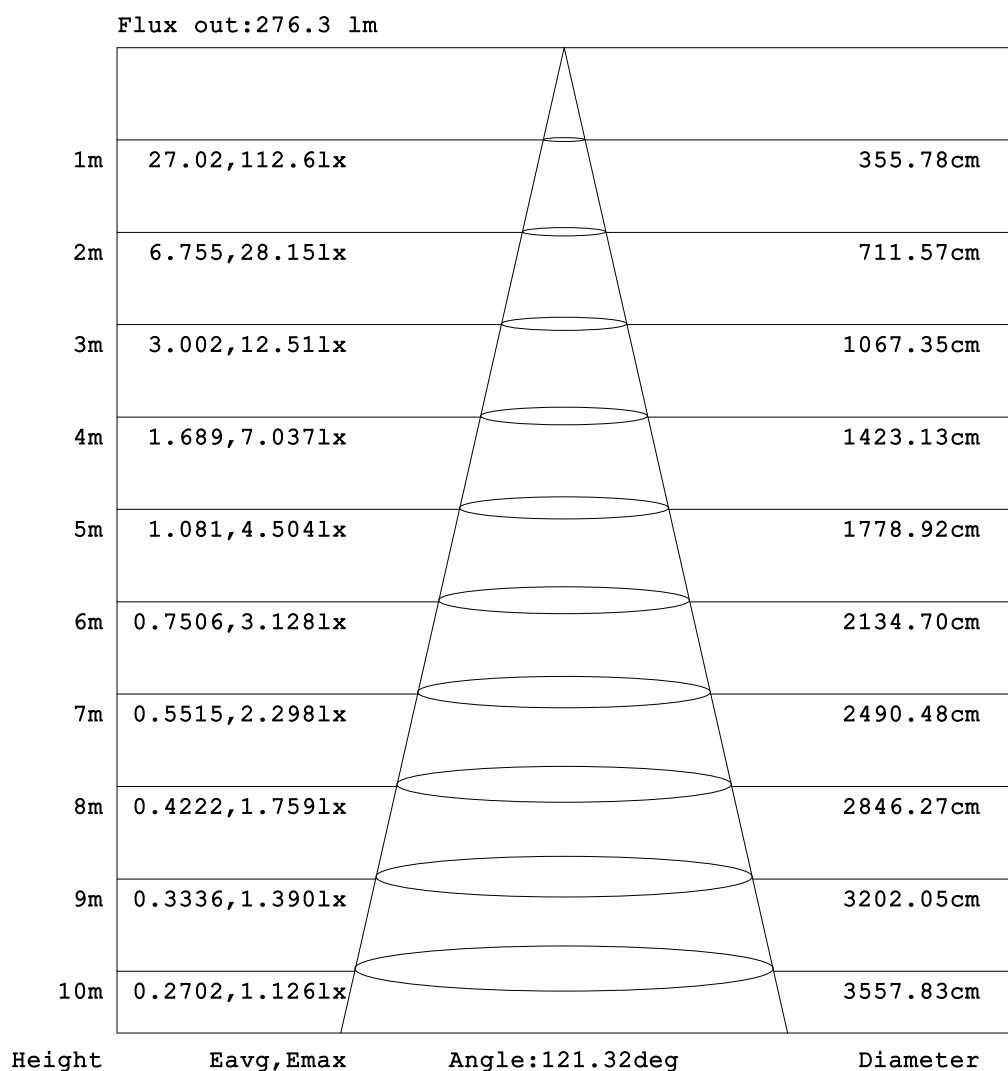


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENGPU
Test Date:2022-11-23

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



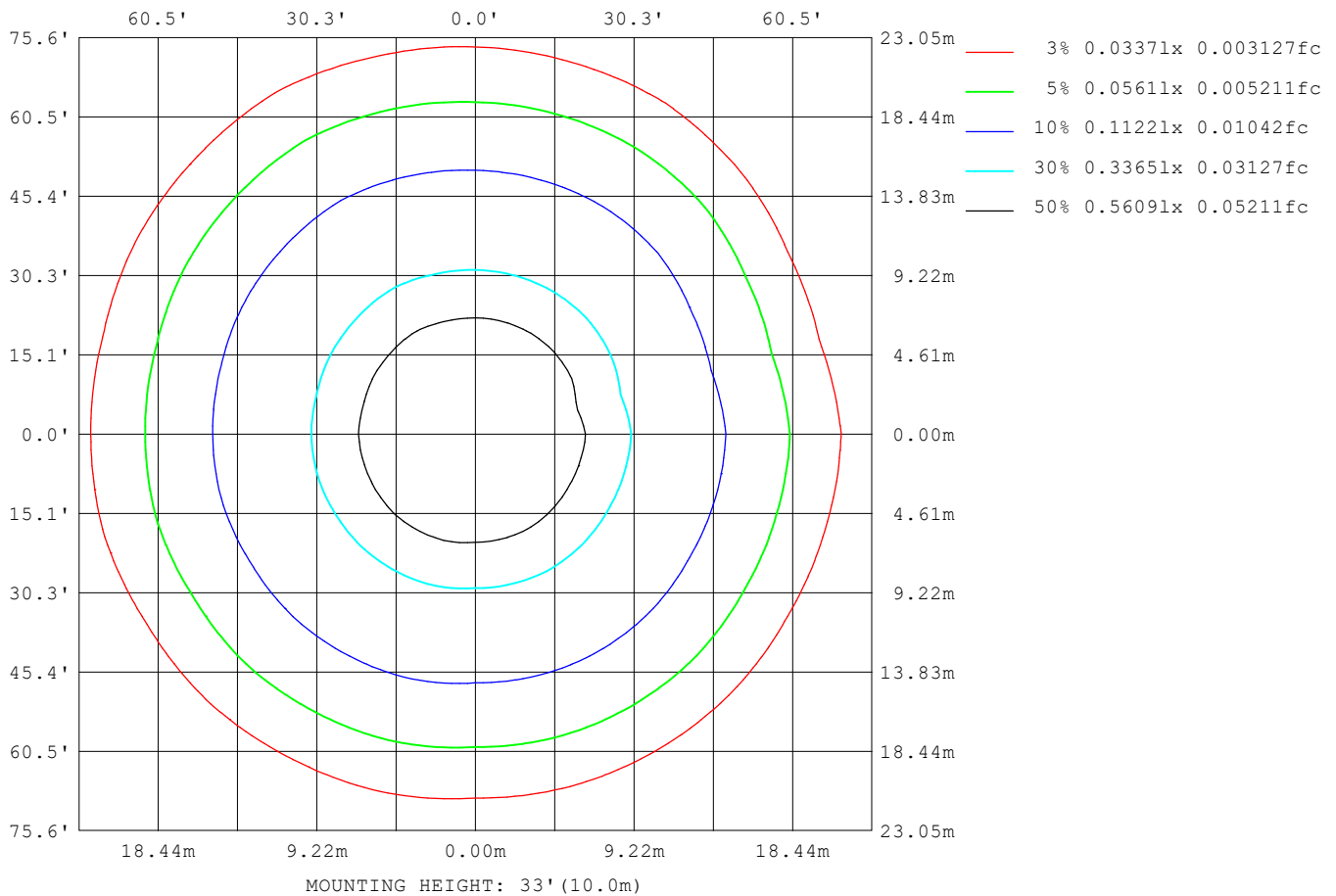
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENGPU
 Test Date:2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENGPU
 Test Date: 2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

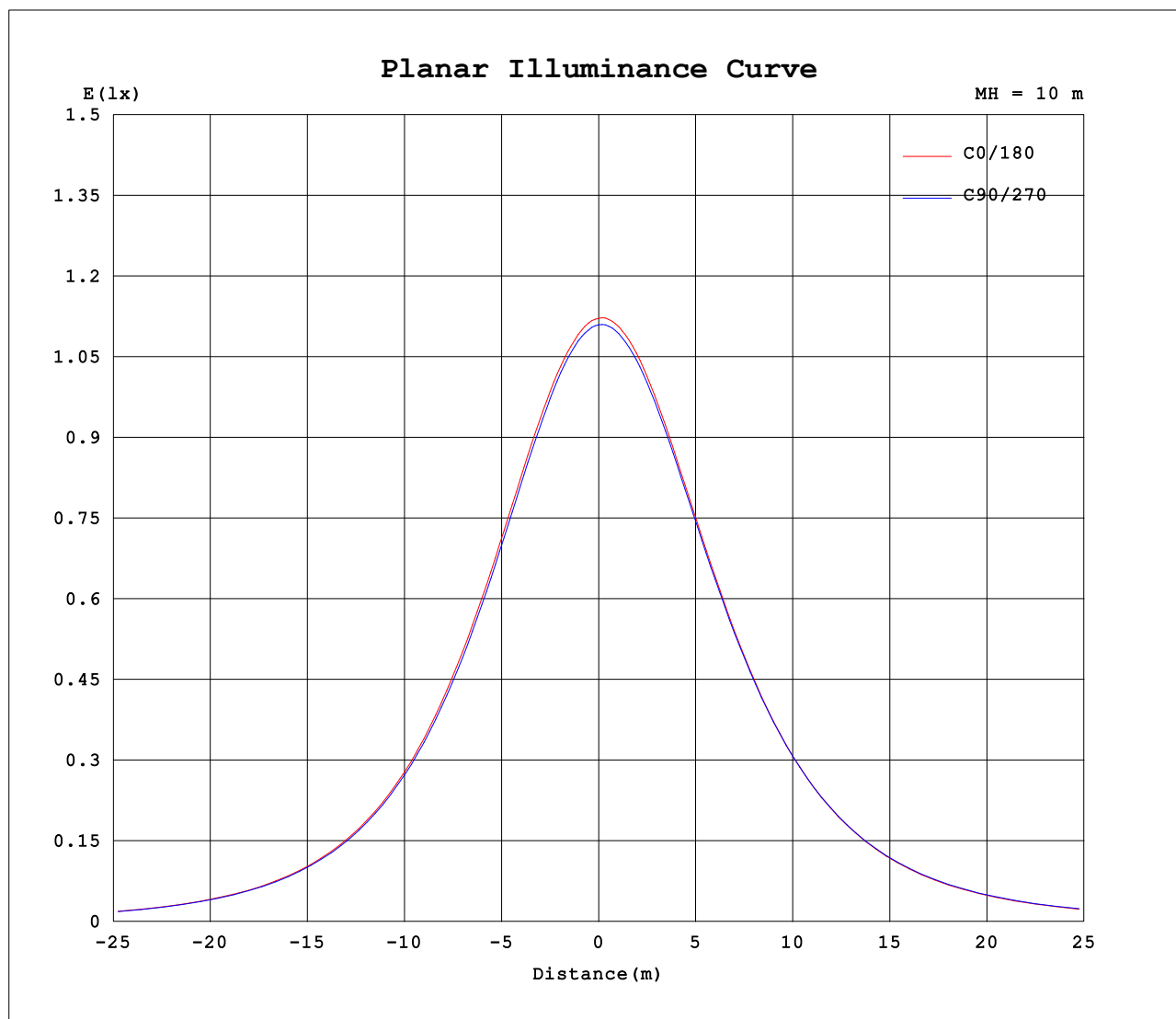
AvgL	cd/m2
L_0~180 (65) av	11212
L_0~180 (75) av	9780
L_0~180 (85) av	6791
L_90~270 (65) av	11250
L_90~270 (75) av	9788
L_90~270 (85) av	5292
L_45 (65) av	11416
L_45 (75) av	9733
L_45 (85) av	6969

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENGPU
 Test Date:2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 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: SENGPU
Test Date: 2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000 SYSTEM V2.0.402
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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	112	110	110	111	112	111	111	113	113	112	111	109	112	110	110	111	112	111	111
5	111	109	109	110	111	110	110	112	112	112	111	110	112	111	111	111	112	112	111
10	110	107	107	108	109	109	108	110	111	111	111	110	112	110	110	111	112	111	111
15	107	105	105	105	106	106	106	108	109	110	109	109	111	109	109	110	111	110	109
20	105	103	102	102	103	103	103	105	106	107	107	107	109	107	108	108	110	108	107
25	101	98.7	97.9	98.6	99.2	99.4	99.1	102	103	104	104	105	106	104	105	106	107	105	105
30	96.4	94.4	93.5	94.1	94.7	94.6	94.6	97.2	98.3	99.8	100	101	103	101	102	103	104	102	102
35	91.4	89.4	88.5	89.0	89.7	89.6	89.4	92.1	93.4	95.0	95.7	96.6	98.3	97.3	98.6	99.0	100	98.0	97.6
40	85.5	83.4	82.6	83.3	84.1	84.0	83.7	86.4	87.8	89.5	90.4	92.1	93.1	92.5	93.8	94.4	95.7	93.5	92.7
45	78.7	76.8	75.9	77.0	77.7	77.5	77.2	80.0	81.5	83.3	84.2	86.1	87.1	86.8	88.3	89.0	90.5	88.2	87.0
50	71.2	69.5	68.7	69.9	70.4	70.3	69.8	72.7	74.4	76.2	77.0	78.9	80.0	80.2	81.5	82.5	84.1	81.6	80.2
55	62.7	61.2	60.5	61.8	62.2	62.0	61.6	64.5	66.1	68.1	68.8	71.0	71.6	71.8	73.7	74.7	76.3	73.4	72.1
60	53.3	51.9	51.3	52.6	52.9	53.0	52.4	55.3	56.8	58.9	59.4	61.8	62.0	62.5	64.5	65.9	67.2	65.1	62.7
65	43.3	42.0	41.5	42.5	42.8	42.9	42.6	45.0	46.4	48.6	49.2	51.5	51.5	51.7	54.2	55.2	56.6	54.1	52.5
70	32.7	31.7	31.2	31.8	31.9	32.4	32.2	34.2	35.5	37.5	38.2	40.4	40.0	40.7	42.8	43.9	44.8	42.8	41.3
75	22.3	21.5	20.9	21.2	21.3	21.8	21.1	23.4	24.4	26.2	27.0	29.0	28.4	28.8	30.8	31.4	32.5	30.5	29.6
80	12.4	11.9	11.5	11.7	11.8	12.2	10.3	13.2	13.9	15.3	16.2	17.8	16.9	17.3	18.8	19.2	19.9	18.5	18.0
85	4.69	4.62	4.35	4.56	4.54	4.76	2.73	5.29	5.53	6.34	6.88	8.18	7.14	7.41	8.35	8.62	8.92	8.24	6.50
90	0.81	0.73	0.73	0.72	0.65	0.31	0.07	0.48	0.85	1.13	1.43	1.99	1.07	1.20	1.52	1.63	1.76	1.42	0.02
95	0.12	0.10	0.07	0.07	0.08	0.07	0.05	0.06	0.09	0.11	0.24	0.60	0.03	0.03	0.01	0.05	0.03	0.03	0.02
100	0.08	0.08	0.08	0.08	0.08	0.08	0.05	0.08	0.07	0.09	0.24	0.60	0.03	0.03	0.01	0.04	0.03	0.03	0.02
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:25DEG
Operators:SENGPU
Test Date:2022-11-23

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.4680A P:11.232W PF:1.0000 Freq:0Hz Lamp Flux:351.963x1 lm		
NAME: S010060CC3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	113	113	112	111	109														
5	113	112	112	111	108														
10	112	111	111	110	106														
15	110	110	109	108	103														
20	108	107	107	105	100														
25	105	104	103	102	96.5														
30	102	101	99.5	97.5	91.2														
35	97.2	96.3	94.9	92.5	85.5														
40	92.2	91.1	89.5	86.1	80.0														
45	86.2	85.2	83.2	79.6	74.0														
50	79.3	78.2	75.9	69.4	66.7														
55	71.0	70.0	67.4	61.4	58.4														
60	61.9	60.6	58.1	52.3	49.1														
65	51.0	50.1	46.7	41.3	39.1														
70	40.0	38.8	33.9	31.0	29.1														
75	27.5	26.3	21.9	20.7	19.4														
80	15.9	13.7	12.4	11.9	11.1														
85	4.91	5.38	4.78	4.46	3.75														
90	0.84	0.81	0.74	0.66	0.61														
95	0.03	0.07	0.11	0.10	0.11														
100	0.03	0.04	0.05	0.04	0.05														
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:SENGPU
 Test Date:2022-11-23

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks: