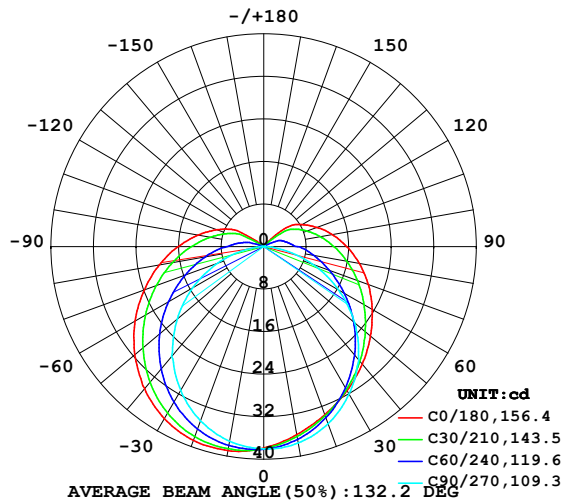


LUMINAIRE PHOTOMETRIC TEST REPORT

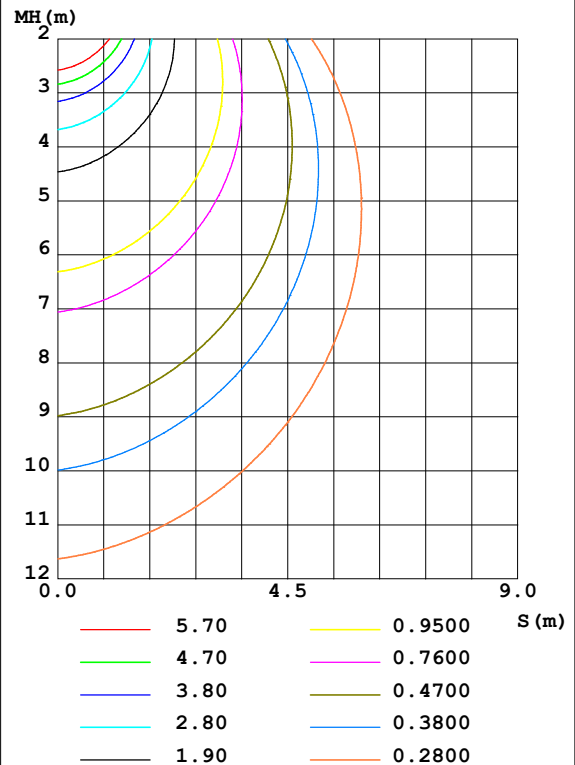
Test:U:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm		
NAME: N006120TB3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 10.21 lm/W			
MODEL	N006120TB3PZ	Imax(cd)	39.01	S/MH(C0/180)	1.46
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)		TOTAL FLUX(lm)	159.35	η UP,DN(C0-180)	7.0,43.6
NOMINAL FLUX(lm)	159.348	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	6.2,43.2
LAMPS INSIDE	1	η up(%)	13.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down(%)	86.8	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:2022-11-12

γ Range: 0 - 180DEG
 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:

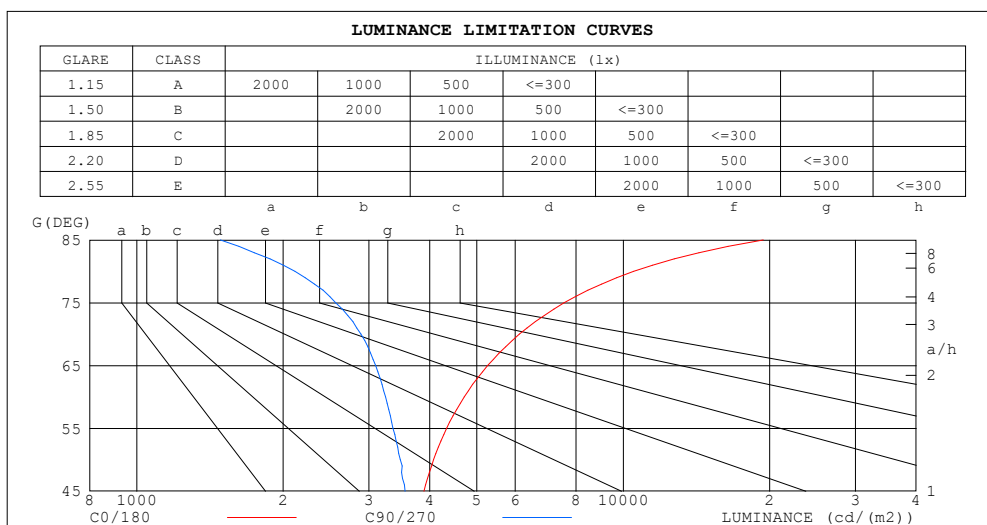
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	35.91	36.52	37.50	38.52	38.94	38.34	37.15	36.26	0- 10	3.599	3.599	2.26,2.26
20	33.64	34.01	35.43	37.71	38.77	37.36	34.83	33.57	10- 20	10.35	13.95	8.76,8.76
30	31.32	30.88	32.06	35.62	37.37	35.06	31.24	30.31	20- 30	15.88	29.83	18.7,18.7
40	28.85	27.39	27.80	32.45	34.85	31.73	26.96	26.71	30- 40	19.62	49.45	31,31
50	26.20	23.60	22.36	28.49	31.67	27.70	21.25	22.93	40- 50	21.29	70.74	44.4,44.4
60	23.56	19.79	16.23	24.11	27.93	23.31	15.37	19.21	50- 60	20.93	91.66	57.5,57.5
70	20.93	16.27	9.879	19.66	23.93	18.87	9.269	15.80	60- 70	18.88	110.5	69.4,69.4
80	18.24	13.09	3.674	15.36	19.92	14.66	3.315	12.67	70- 80	15.67	126.2	79.2,79.2
90	15.63	10.26	0.0909	11.27	16.10	10.90	0.0679	9.655	80- 90	12.06	138.3	86.8,86.8
100	13.14	8.157	0.0755	8.081	12.58	7.724	0.0679	6.296	90-100	8.746	147.0	92.3,92.3
110	10.62	6.324	0.0755	4.949	9.348	5.051	0.0830	5.616	100-110	6.113	153.1	96.1,96.1
120	8.313	4.481	0.0755	0.6933	6.365	0.1438	0.0981	4.169	110-120	3.912	157.0	98.6,98.6
130	5.546	0.4509	0.0755	0.3565	0.3043	0.1132	0.1097	0.4399	120-130	1.717	158.8	99.6,99.6
140	0.3956	0.1447	0.0830	0.1747	0.2653	0.1303	0.3339	0.1584	130-140	0.4022	159.2	99.9,99.9
150	0.1963	0.1185	0.1119	0.1480	0.2456	0.1198	0.0981	0.1324	140-150	0.0888	159.2	99.9,99.9
160	0.1671	0.1086	0.1194	0.1212	0.2263	0.1266	0.0981	0.1103	150-160	0.0565	159.3	100,100
170	0.1397	0.1170	0.1094	0.1178	0.1170	0.1126	0.0981	0.1115	160-170	0.0319	159.3	100,100
180	0.0981	0.0981	0.0981	0.1057	0.0981	0.1057	0.0981	0.0981	170-180	0.0101	159.3	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:2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm		
NAME: N006120TB3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



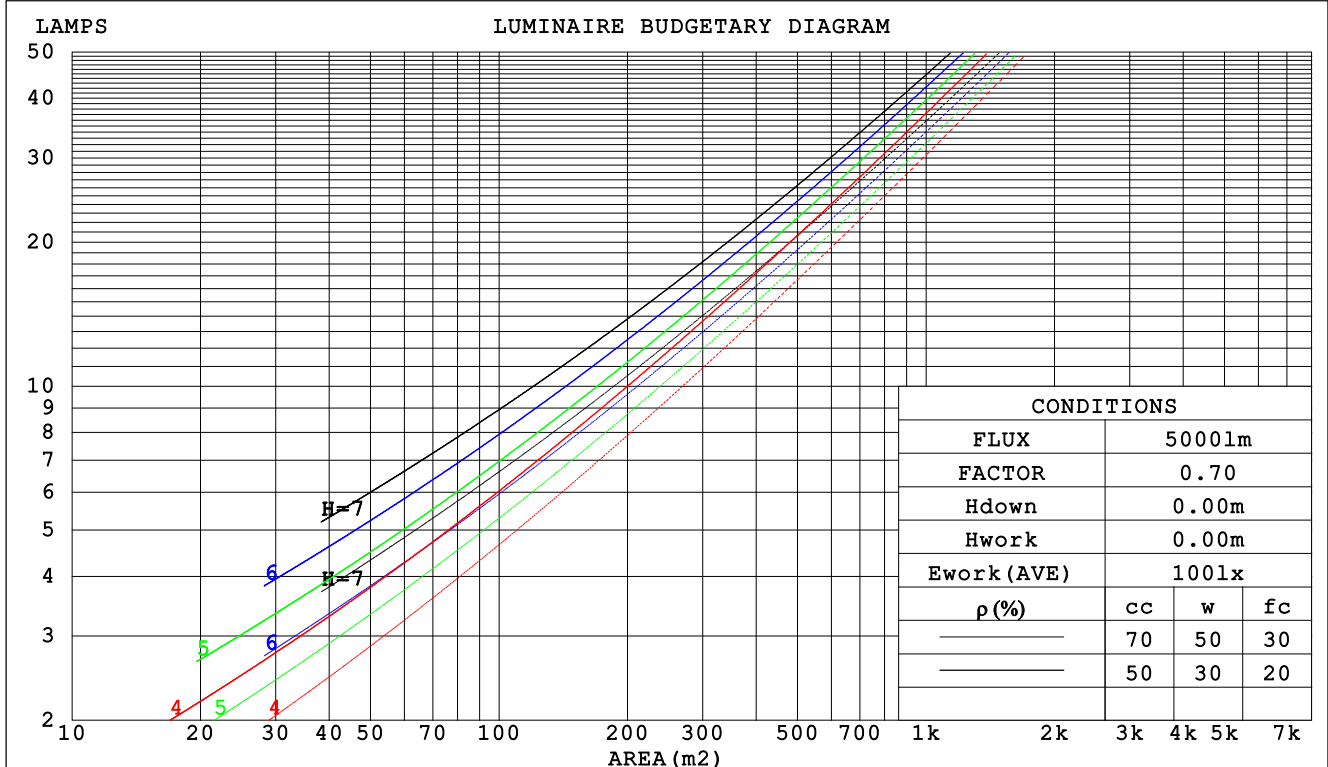
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENGPU
Test Date: 2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm		
NAME: N006120TB3PZ	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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87
1.0	.97	.91	.86	.93	.88	.84	.86	.82	.79	.80	.77	.74	.74	.72	.69	.66
2.0	.83	.75	.68	.80	.72	.66	.74	.68	.63	.68	.64	.59	.63	.60	.56	.53
3.0	.72	.63	.55	.69	.61	.54	.64	.57	.51	.60	.54	.49	.55	.50	.46	.43
4.0	.63	.54	.46	.61	.52	.45	.57	.49	.43	.53	.46	.41	.49	.44	.39	.36
5.0	.56	.46	.39	.54	.45	.38	.50	.43	.37	.47	.40	.35	.44	.38	.34	.31
6.0	.50	.41	.34	.48	.40	.33	.45	.38	.32	.42	.36	.31	.40	.34	.29	.27
7.0	.45	.36	.30	.44	.35	.29	.41	.34	.28	.38	.32	.27	.36	.30	.26	.24
8.0	.41	.32	.26	.40	.32	.26	.37	.30	.25	.35	.29	.24	.33	.27	.23	.21
9.0	.38	.29	.24	.37	.29	.23	.34	.27	.22	.32	.26	.21	.30	.25	.21	.19
10.0	.35	.27	.21	.34	.26	.21	.32	.25	.20	.30	.24	.19	.28	.23	.19	.17



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENGPU
 Test Date: 2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm					
NAME: N006120TB3PZ			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	.387	.220	.070	.376	.214	.068	.355	.204	.065	.335	.193	.062	.317	.184	.059		
2.0	.336	.184	.056	.325	.179	.055	.306	.170	.053	.289	.162	.051	.273	.154	.049		
3.0	.298	.159	.048	.289	.155	.047	.272	.147	.045	.256	.140	.043	.241	.134	.041		
4.0	.268	.139	.041	.260	.136	.040	.245	.130	.039	.230	.124	.037	.217	.118	.036		
5.0	.244	.124	.036	.237	.121	.035	.222	.116	.034	.209	.111	.033	.197	.105	.032		
6.0	.223	.112	.032	.217	.109	.032	.204	.105	.030	.192	.100	.029	.181	.095	.028		
7.0	.206	.102	.029	.200	.100	.028	.188	.095	.027	.178	.091	.026	.167	.087	.026		
8.0	.191	.093	.026	.186	.091	.026	.175	.087	.025	.165	.084	.024	.156	.080	.023		
9.0	.178	.086	.024	.173	.084	.024	.163	.081	.023	.154	.077	.022	.146	.074	.021		
10.0	.167	.080	.022	.162	.078	.022	.153	.075	.021	.145	.072	.020	.137	.069	.020		

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	.291	.291	.291	.249	.249	.249	.170	.170	.170	.098	.098	.098	.031	.031	.031		
1.0	.287	.257	.230	.246	.221	.198	.168	.152	.137	.097	.088	.080	.031	.028	.026		
2.0	.280	.234	.195	.240	.201	.169	.165	.139	.118	.095	.081	.069	.030	.026	.022		
3.0	.273	.217	.173	.234	.187	.150	.161	.130	.105	.093	.076	.062	.030	.025	.020		
4.0	.265	.205	.159	.227	.177	.138	.156	.123	.097	.090	.072	.057	.029	.024	.019		
5.0	.257	.195	.149	.221	.169	.129	.152	.118	.091	.088	.069	.054	.028	.023	.018		
6.0	.250	.187	.142	.214	.162	.123	.148	.113	.087	.086	.067	.052	.028	.022	.017		
7.0	.242	.180	.136	.209	.156	.119	.144	.109	.084	.084	.064	.050	.027	.021	.017		
8.0	.236	.174	.132	.203	.151	.115	.140	.106	.082	.082	.063	.049	.026	.021	.016		
9.0	.229	.170	.129	.198	.147	.113	.137	.103	.080	.080	.061	.048	.026	.020	.016		
10.0	.223	.165	.127	.193	.144	.111	.134	.101	.079	.078	.060	.047	.025	.020	.016		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENGPU
 Test Date: 2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm											
NAME: N006120TB3PZ					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		17.2	18.7	17.7	19.1	19.6	15.5	16.9	15.9	17.4	17.8
	3H	20.0	21.3	20.5	21.8	22.3	17.0	18.3	17.5	18.8	19.3
	4H	21.5	22.8	22.0	23.2	23.8	17.6	18.9	18.1	19.3	19.9
	6H	23.2	24.4	23.7	24.9	25.4	18.0	19.2	18.5	19.7	20.3
	8H	24.1	25.3	24.6	25.8	26.3	18.1	19.3	18.7	19.8	20.4
	12H	25.2	26.3	25.7	26.8	27.4	18.2	19.3	18.7	19.8	20.4
4H	2H	17.8	19.1	18.3	19.6	20.1	16.5	17.8	17.0	18.3	18.8
	3H	20.8	21.9	21.3	22.4	23.0	18.3	19.4	18.8	19.9	20.5
	4H	22.5	23.5	23.1	24.1	24.7	19.1	20.1	19.7	20.7	21.3
	6H	24.4	25.4	25.0	25.9	26.6	19.7	20.6	20.3	21.2	21.8
	8H	25.5	26.4	26.1	27.0	27.6	19.9	20.8	20.5	21.4	22.0
	12H	26.7	27.5	27.3	28.1	28.8	20.0	20.8	20.7	21.4	22.1
8H	4H	22.9	23.7	23.5	24.3	25.0	20.2	21.0	20.8	21.6	22.3
	6H	25.1	25.8	25.7	26.5	27.2	21.2	21.9	21.8	22.5	23.2
	8H	26.4	27.1	27.0	27.7	28.4	21.6	22.3	22.3	22.9	23.6
	12H	27.9	28.5	28.6	29.1	29.9	21.9	22.5	22.6	23.2	23.9
12H	4H	22.9	23.7	23.5	24.3	25.0	20.5	21.3	21.1	21.9	22.6
	6H	25.2	25.9	25.9	26.5	27.3	21.8	22.4	22.4	23.1	23.8
	8H	26.6	27.2	27.3	27.9	28.6	22.4	23.0	23.1	23.6	24.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117, 159.3 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -6.4$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENGPU
 Test Date: 2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm		
NAME: N006120TB3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

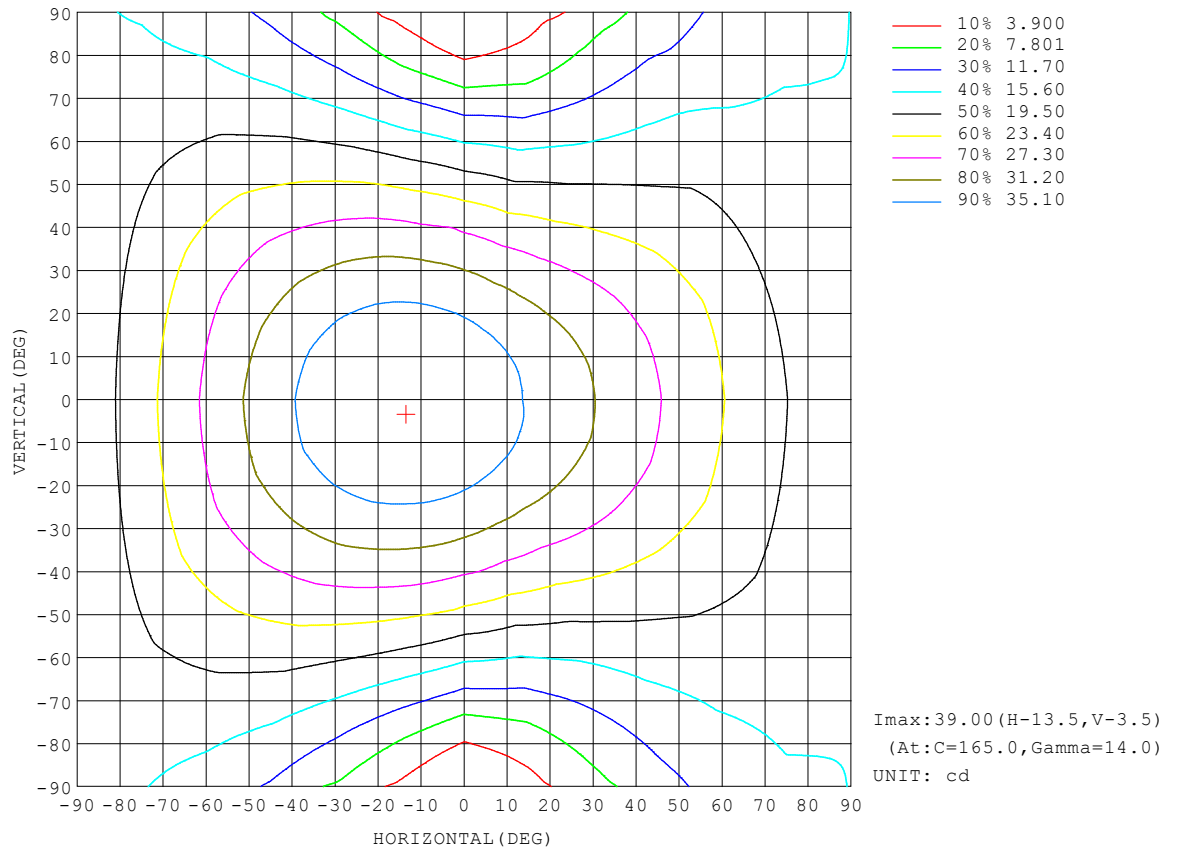
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	49	37	29	48	36	29	47	36	29	22
0.80	58	45	37	57	45	37	55	44	37	29
1.00	66	53	45	65	52	45	61	53	44	35
1.25	73	61	52	71	59	51	67	57	50	41
1.50	78	66	58	76	65	57	72	62	55	45
2.00	85	74	66	83	73	65	78	69	63	52
2.50	90	80	72	87	78	70	81	74	68	56
3.00	94	84	77	90	82	75	84	78	72	60
4.00	98	90	84	95	88	82	88	83	78	65
5.00	101	94	89	98	91	86	91	86	82	68
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: 2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm		
NAME: N006120TB3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

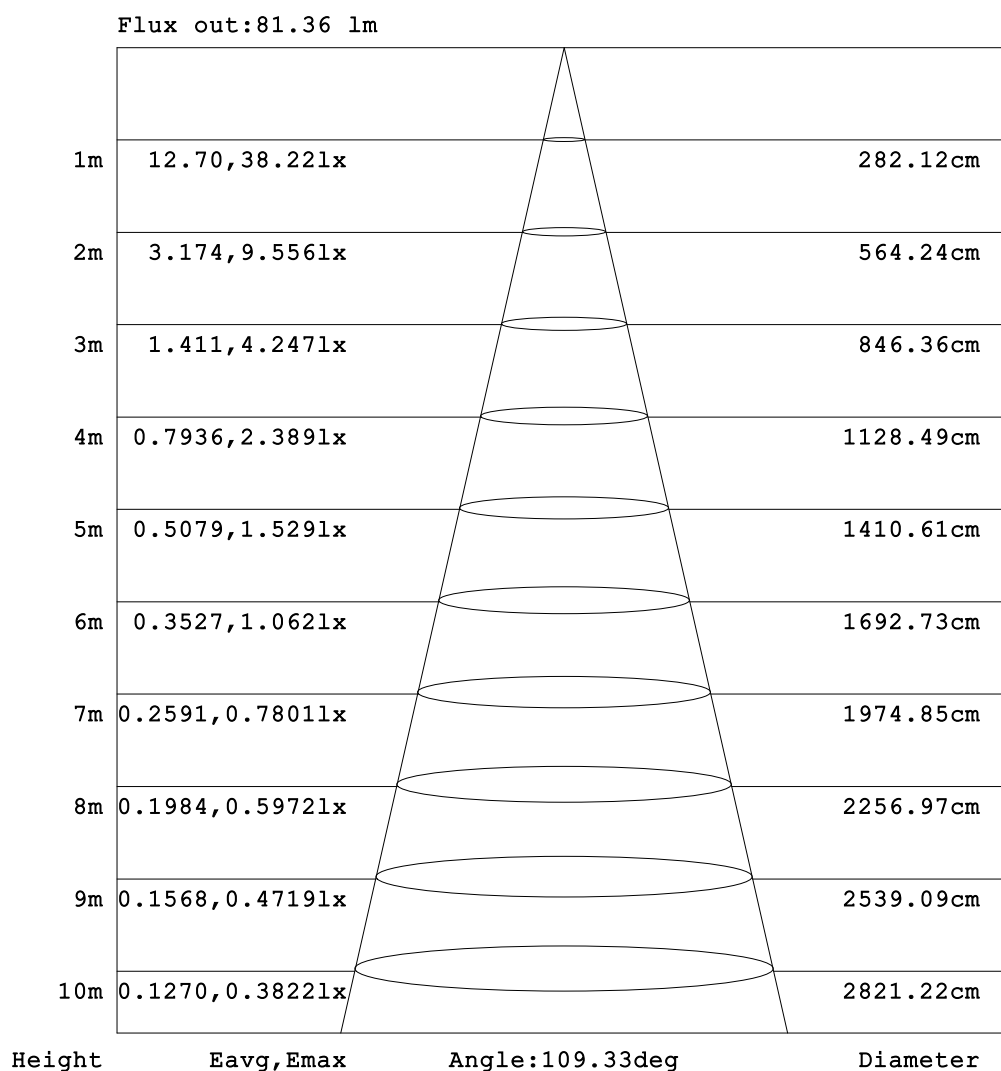


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENGPU
Test Date:2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm		
NAME: N006120TB3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



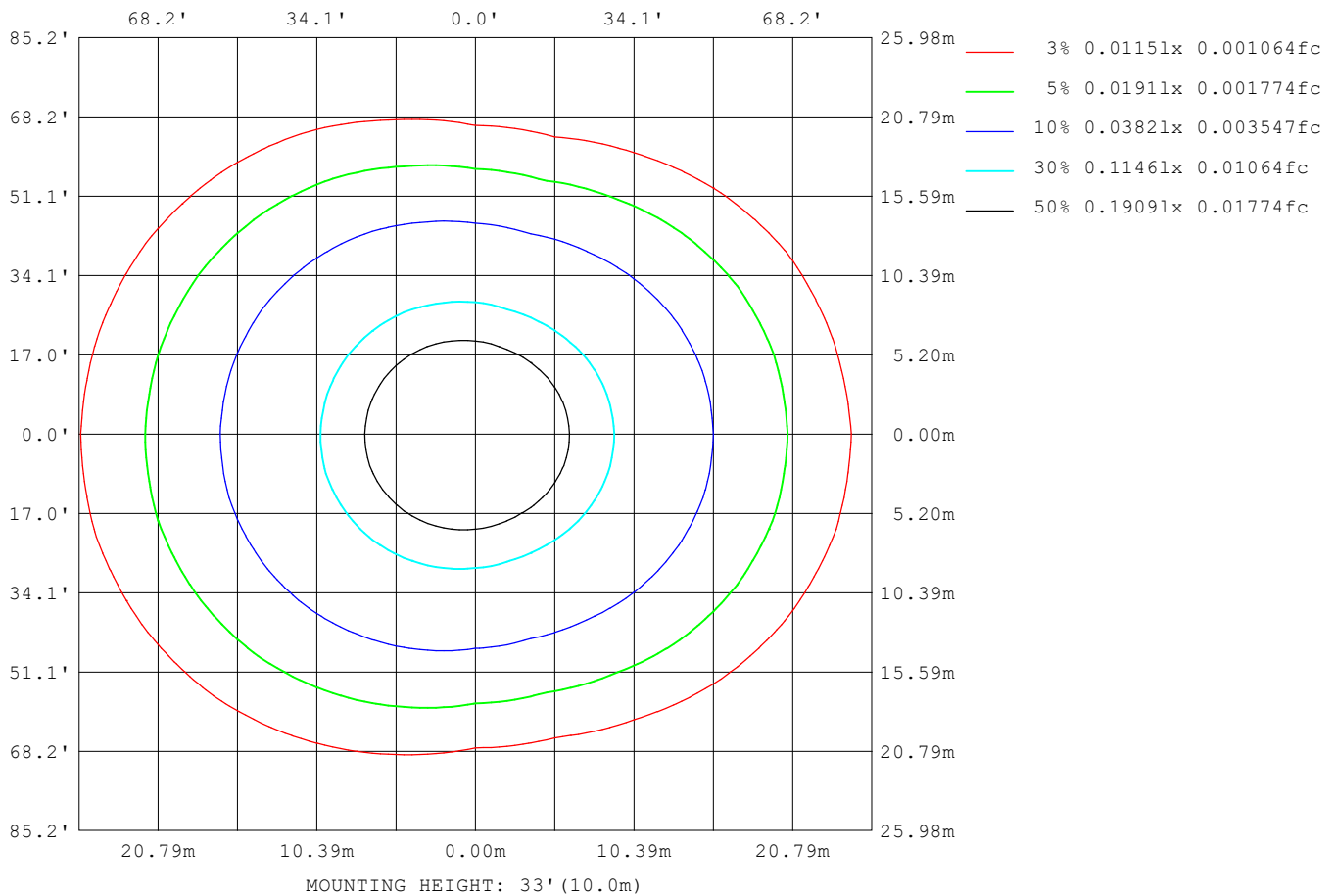
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENGPU
 Test Date:2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm		
NAME: N006120TB3PZ	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: 2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm		
NAME: N006120TB3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

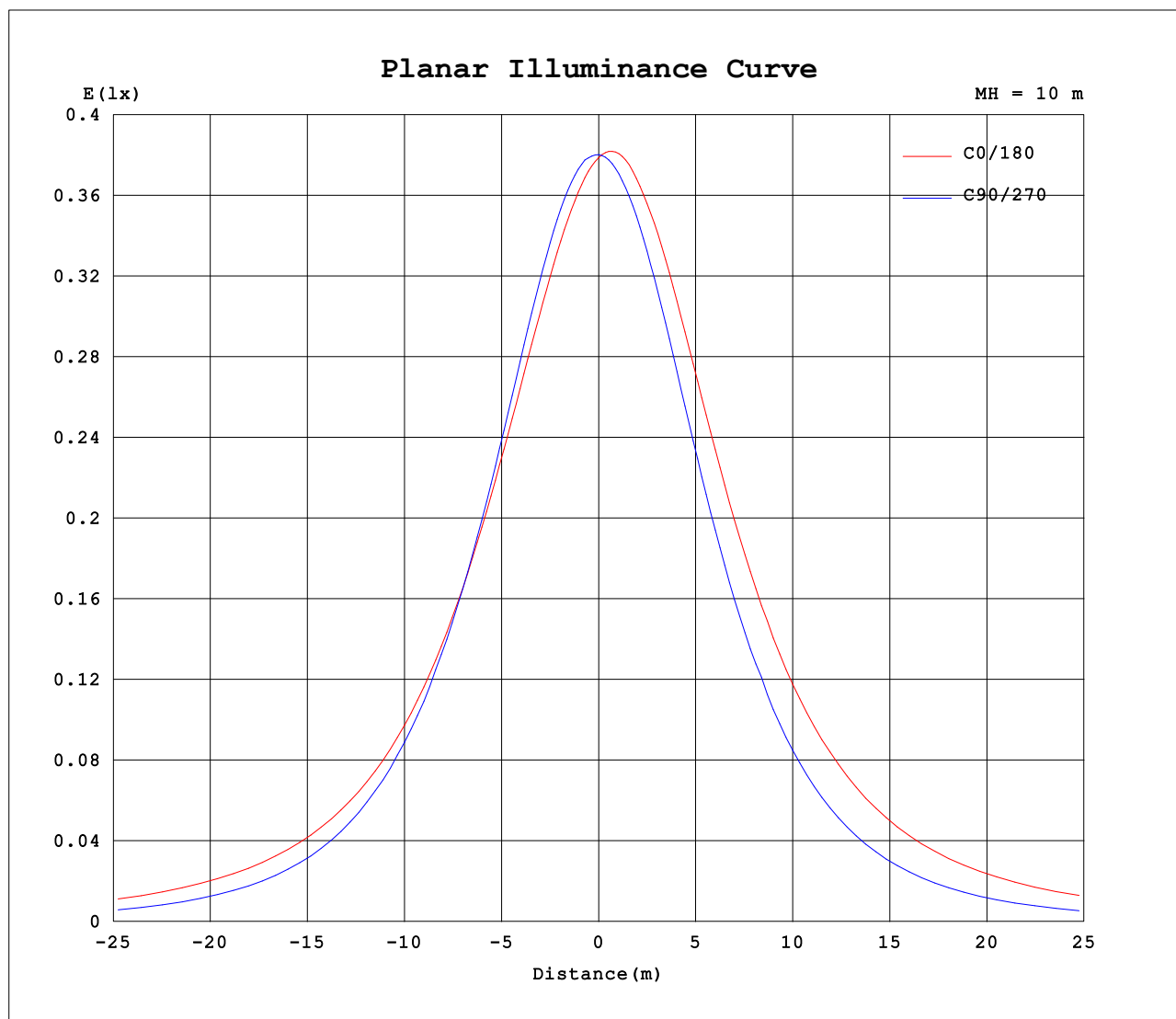
AvgL	cd/m2
L_0~180 (65) av	5704
L_0~180 (75) av	8014
L_0~180 (85) av	20025
L_90~270 (65) av	3008
L_90~270 (75) av	2498
L_90~270 (85) av	1321
L_45 (65) av	4638
L_45 (75) av	6094
L_45 (85) av	13938

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENGPU
Test Date:2022-11-12

γ Range: 0 - 180DEG
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: 2022-11-12

γ Range: 0 - 180DEG
 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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm																		
NAME: N006120TB3PZ									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	37.9	38.0	38.0	38.1	38.1	38.0	38.0	38.1	38.0	38.0	38.0	38.0	37.9	38.0	38.0	38.1	38.1	38.0	38.0
5	37.0	37.1	37.2	37.4	37.6	37.8	38.0	38.1	38.3	38.5	38.5	38.6	38.6	38.6	38.5	38.4	38.2	38.0	37.8
10	35.9	36.1	36.3	36.5	36.8	37.1	37.5	37.8	38.2	38.5	38.8	39.0	38.9	38.9	38.6	38.3	37.9	37.6	37.1
15	34.8	35.0	35.1	35.4	35.6	36.1	36.6	37.2	37.7	38.3	38.8	39.0	39.0	38.8	38.5	38.0	37.4	36.8	36.2
20	33.6	33.8	33.9	34.0	34.2	34.7	35.4	36.2	36.9	37.7	38.4	38.7	38.8	38.6	38.0	37.4	36.5	35.6	34.8
25	32.5	32.6	32.5	32.5	32.6	33.1	33.9	34.8	35.8	36.8	37.6	38.2	38.2	38.0	37.3	36.4	35.3	34.1	33.2
30	31.3	31.4	31.1	30.9	30.7	31.1	32.1	33.2	34.4	35.6	36.6	37.3	37.4	37.0	36.2	35.1	33.8	32.4	31.2
35	30.1	30.1	29.7	29.2	28.7	29.0	30.0	31.3	32.7	34.2	35.3	36.2	36.2	35.8	34.8	33.5	32.0	30.3	29.1
40	28.8	28.8	28.1	27.4	26.6	26.6	27.8	29.1	30.7	32.5	33.8	34.8	34.9	34.3	33.3	31.7	30.0	28.1	27.0
45	27.5	27.4	26.6	25.5	24.4	24.1	25.2	26.8	28.6	30.6	32.0	33.2	33.3	32.7	31.5	29.8	27.8	25.7	24.0
50	26.2	26.0	24.9	23.6	22.1	21.4	22.4	24.2	26.3	28.5	30.2	31.4	31.7	30.9	29.6	27.7	25.6	23.1	21.3
55	24.9	24.6	23.3	21.7	19.8	18.7	19.3	21.5	23.9	26.3	28.2	29.6	29.8	29.1	27.7	25.5	23.1	20.4	18.4
60	23.6	23.2	21.8	19.8	17.5	15.9	16.2	18.7	21.4	24.1	26.2	27.7	27.9	27.2	25.6	23.3	20.6	17.6	15.4
65	22.3	21.9	20.3	18.0	15.3	13.2	13.1	15.8	18.9	21.9	24.1	25.7	26.0	25.2	23.6	21.1	18.1	14.8	12.3
70	20.9	20.5	18.8	16.3	13.2	10.5	9.88	13.0	16.4	19.7	22.0	23.7	23.9	23.1	21.5	18.9	15.7	12.0	9.27
75	19.6	19.1	17.3	14.6	11.3	8.03	6.63	10.2	14.0	17.5	19.9	21.6	21.9	21.1	19.4	16.7	13.4	9.34	6.30
80	18.2	17.7	15.9	13.1	9.57	5.87	3.67	7.58	11.8	15.4	17.9	19.6	19.9	19.1	17.4	14.7	11.2	6.86	3.32
85	16.9	16.4	14.5	11.7	8.03	4.14	1.30	5.32	9.66	13.4	16.0	17.7	18.0	17.2	15.5	12.7	9.13	4.77	1.01
90	15.6	15.1	13.2	10.3	6.35	2.56	0.09	3.01	7.04	11.3	14.1	15.8	16.1	15.3	13.6	10.9	6.93	2.25	0.07
95	14.4	13.8	12.0	9.17	5.28	1.46	0.08	1.44	5.57	9.65	12.3	14.0	14.3	13.5	11.9	9.24	5.58	1.50	0.07
100	13.1	12.6	10.8	8.16	4.57	1.18	0.08	0.51	4.33	8.08	10.6	12.2	12.6	11.8	10.2	7.72	4.30	0.31	0.07
105	11.9	11.4	9.72	7.18	3.97	0.55	0.08	0.10	3.19	6.64	9.05	10.6	10.9	10.2	8.66	6.31	3.21	0.09	0.07
110	10.6	10.1	8.63	6.32	3.41	0.12	0.08	0.10	1.07	4.95	7.54	8.96	9.35	8.67	7.21	5.05	0.58	0.08	0.08
115	9.43	8.99	7.63	5.41	2.08	0.11	0.08	0.10	0.12	2.64	5.87	7.32	7.83	7.23	5.91	2.09	0.11	0.08	0.09
120	8.31	7.92	6.59	4.48	0.54	0.11	0.08	0.11	0.12	0.69	2.77	5.87	6.37	5.40	2.55	0.14	0.12	0.08	0.10
125	7.26	6.84	5.42	2.28	0.13	0.10	0.08	0.11	0.12	0.52	0.31	2.14	2.49	1.82	0.11	0.11	0.12	0.08	0.10
130	5.55	5.02	2.87	0.45	0.13	0.10	0.08	0.12	0.12	0.36	0.15	0.41	0.30	0.14	0.10	0.11	0.12	0.08	0.11
135	2.64	2.11	0.67	0.16	0.12	0.10	0.08	0.12	0.12	0.19	0.14	0.32	0.29	0.13	0.10	0.15	0.31	1.61	0.12
140	0.40	0.17	0.16	0.14	0.12	0.10	0.08	0.12	0.12	0.17	0.13	0.23	0.27	0.12	0.10	0.13	0.22	0.14	0.33
145	0.22	0.15	0.14	0.13	0.12	0.11	0.09	0.12	0.12	0.16	0.12	0.14	0.25	0.12	0.10	0.12	0.13	0.12	0.11
150	0.20	0.13	0.13	0.12	0.12	0.09	0.11	0.12	0.12	0.15	0.11	0.13	0.25	0.11	0.10	0.12	0.10	0.11	0.10
155	0.20	0.10	0.12	0.11	0.11	0.09	0.11	0.12	0.12	0.13	0.10	0.12	0.25	0.11	0.10	0.12	0.10	0.10	0.10
160	0.17	0.10	0.11	0.11	0.11	0.09	0.12	0.12	0.11	0.12	0.10	0.10	0.23	0.11	0.10	0.13	0.09	0.10	0.10
165	0.16	0.10	0.11	0.11	0.11	0.09	0.11	0.12	0.11	0.11	0.10	0.09	0.14	0.11	0.11	0.12	0.09	0.10	0.10
170	0.14	0.09	0.11	0.12	0.11	0.09	0.11	0.12	0.10	0.12	0.10	0.08	0.12	0.11	0.12	0.11	0.09	0.12	0.10
175	0.10	0.09	0.11	0.10	0.11	0.10	0.11	0.11	0.10	0.11	0.11	0.08	0.11	0.11	0.10	0.11	0.09	0.13	0.10
180	0.10	0.11	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.08	0.11	0.10	0.11	0.11	0.11	0.10	0.11	0.10

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25DEG

Operators:SENGPU

Test Date:2022-11-12

γ Range: 0 - 180DEG

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:12.000V I:1.3000A P:15.600W PF:1.0000 Freq:0Hz Lamp Flux:159.348x1 lm		
NAME: N006120TB3PZ	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	38.1	38.0	38.0	38.0	38.0														
5	37.6	37.4	37.3	37.1	37.0														
10	36.8	36.5	36.3	36.1	35.9														
15	35.6	35.2	35.0	34.9	34.8														
20	34.2	33.7	33.6	33.6	33.6														
25	32.4	32.0	32.0	32.2	32.4														
30	30.3	30.1	30.3	30.8	31.2														
35	28.1	28.0	28.6	29.3	29.9														
40	25.6	25.9	26.7	27.8	28.5														
45	23.0	23.6	24.8	26.2	27.2														
50	20.4	21.4	22.9	24.6	25.8														
55	17.6	19.1	21.1	23.0	24.4														
60	15.0	16.8	19.2	21.5	23.0														
65	12.3	14.6	17.4	20.0	21.5														
70	9.71	12.6	15.8	18.5	19.7														
75	7.27	10.8	14.2	17.0	18.3														
80	5.23	9.13	12.7	15.1	16.9														
85	3.70	7.64	10.9	13.8	15.7														
90	1.57	5.70	9.66	12.5	14.5														
95	0.73	3.86	7.66	11.5	13.4														
100	1.11	2.68	6.30	7.42	9.81														
105	0.50	2.96	4.99	7.71	9.23														
110	0.13	3.09	5.62	7.03	7.24														
115	0.18	2.01	5.02	7.02	7.04														
120	0.23	0.53	4.17	6.11	7.31														
125	0.28	0.20	2.06	5.11	6.34														
130	0.33	0.15	0.44	2.67	4.41														
135	0.15	0.19	0.16	0.65	1.68														
140	0.14	0.11	0.16	0.11	0.23														
145	0.13	0.11	0.14	0.11	0.16														
150	0.12	0.11	0.13	0.11	0.16														
155	0.12	0.11	0.12	0.11	0.15														
160	0.12	0.11	0.11	0.11	0.15														
165	0.12	0.11	0.11	0.11	0.14														
170	0.12	0.11	0.11	0.11	0.13														
175	0.11	0.11	0.11	0.11	0.12														
180	0.11	0.11	0.10	0.11	0.11														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENGPU
 Test Date:2022-11-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks: