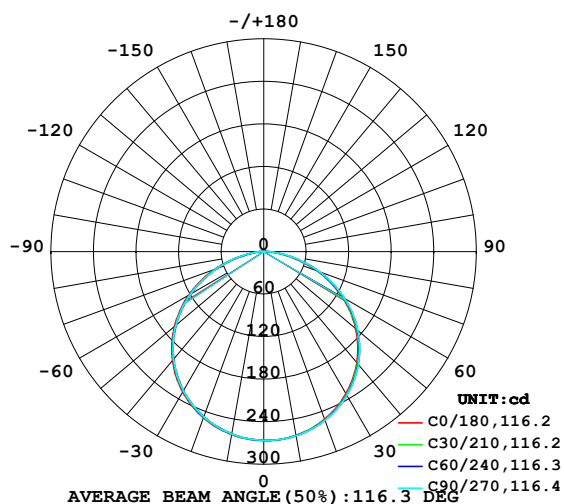


LUMINAIRE PHOTOMETRIC TEST REPORT

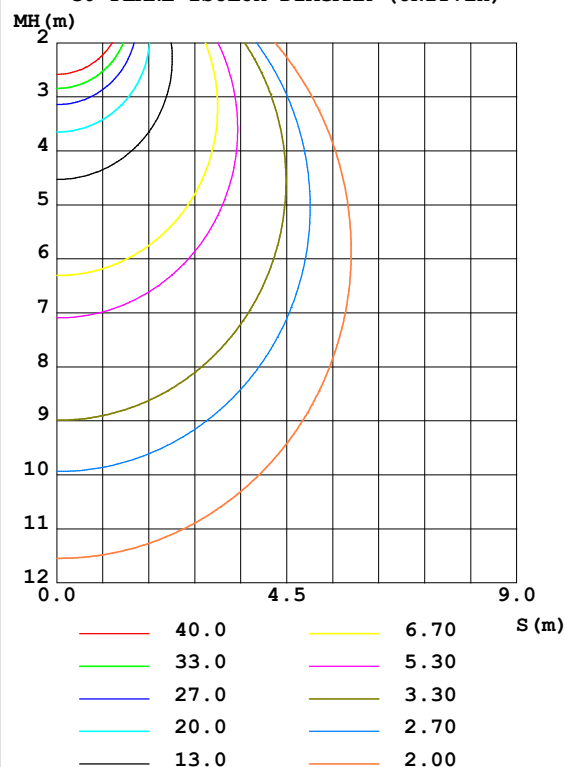
Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.79 lm/W			
MODEL		Imax(cd)	266.7	S/MH(C0/180)	1.28
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	791.56	η UP,DN(C0-180)	0.1,51.5
NOMINAL FLUX(lm)	791.562	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.4
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	12	η down(%)	99.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:SENPU
 Test Date:2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

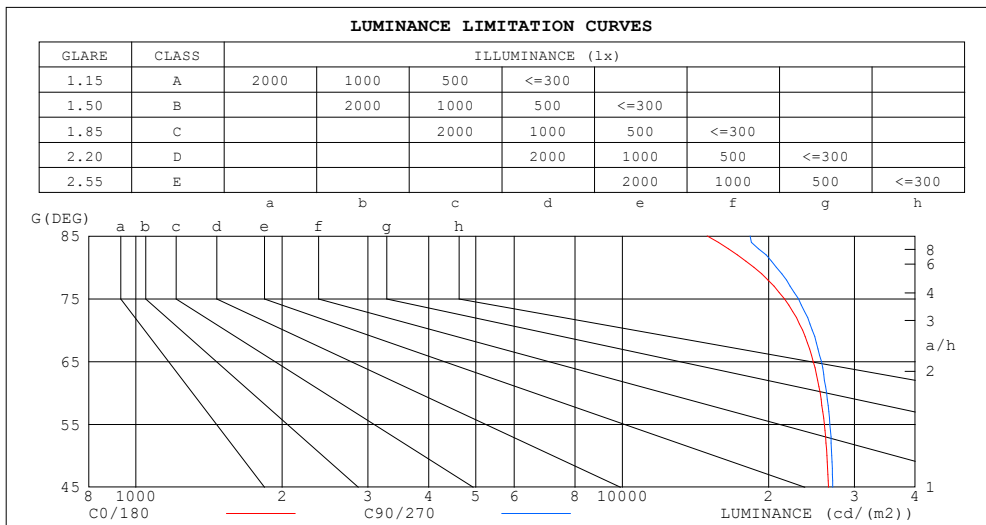
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	263.1	263.9	263.7	263.4	262.0	261.1	261.0	261.5	0- 10	25.24	25.24	3.19,3.19
20	251.4	253.2	253.1	252.3	249.3	247.7	247.8	248.6	10- 20	72.70	97.94	12.4,12.4
30	231.8	234.4	234.5	233.2	228.7	226.4	226.7	227.8	20- 30	111.3	209.2	26.4,26.4
40	204.4	207.6	207.8	206.1	200.3	197.5	197.9	199.3	30- 40	136.0	345.3	43.6,43.6
50	169.4	173.1	173.4	171.5	164.6	161.1	161.7	163.4	40- 50	143.3	488.6	61.7,61.7
60	127.6	131.4	131.6	129.6	121.8	118.2	118.7	120.9	50- 60	131.2	619.7	78.3,78.3
70	80.30	84.06	84.11	82.17	73.87	70.06	71.05	73.22	60- 70	100.4	720.1	91,91
80	32.37	35.59	36.02	34.16	26.42	23.59	25.49	27.17	70- 80	56.05	776.1	98.1,98.1
90	2.011	3.512	0.4617	3.940	1.198	1.327	0.1727	2.246	80- 90	14.67	790.8	99.9,99.9
100	0.3755	0.3079	0.2704	0.3380	0.2403	0.2328	0.2178	0.2478	90-100	0.7388	791.5	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0149	791.6	100,100
120	0	0	0	0	0	0	0	0	110-120	0	791.6	100,100
130	0	0	0	0	0	0	0	0	120-130	0	791.6	100,100
140	0	0	0	0	0	0	0	0	130-140	0	791.6	100,100
150	0	0	0	0	0	0	0	0	140-150	0	791.6	100,100
160	0	0	0	0	0	0	0	0	150-160	0	791.6	100,100
170	0	0	0	0	0	0	0	0	160-170	0	791.6	100,100
180	0	0	0	0	0	0	0	0	170-180	0	791.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:SENPU
 Test Date:2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14955	18331
80	18642	20740
75	21553	23041
70	23478	24594
65	24706	25664
60	25513	26330
55	26035	26732
50	26347	26973
45	26549	27093

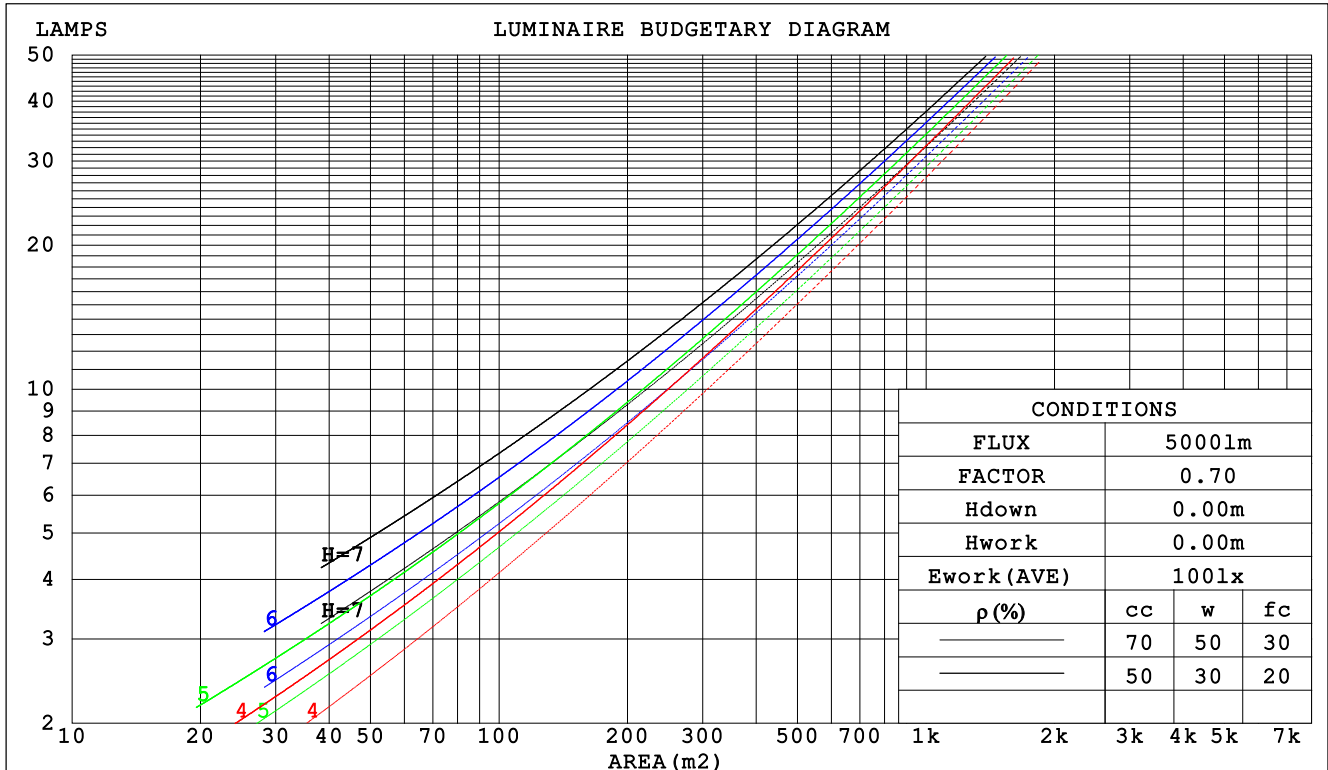
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000 SYSTEM V2.0.402
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	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	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	1.04	.99	.96	1.01	.98	.94	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.62	.53	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: SENPU
 Test Date: 2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	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	.312	.177	.056	.305	.174	.055	.291	.167	.053	.279	.161	.052	.268	.155	.050		
2.0	.294	.161	.049	.288	.158	.049	.276	.153	.048	.265	.149	.047	.255	.144	.045		
3.0	.272	.145	.043	.266	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041		
4.0	.251	.130	.038	.246	.129	.038	.237	.126	.038	.228	.123	.037	.220	.120	.036		
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.212	.112	.033	.205	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.191	.100	.030		
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027		
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.149	.075	.021		

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	.112	.112	.112	.064	.064	.064	.020	.020	.020		
1.0	.181	.157	.135	.155	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015		
2.0	.173	.133	.099	.148	.114	.085	.102	.079	.059	.059	.046	.035	.019	.015	.011		
3.0	.166	.115	.075	.142	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009		
4.0	.158	.102	.059	.136	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007		
5.0	.151	.091	.048	.129	.079	.041	.089	.055	.029	.052	.032	.017	.017	.011	.006		
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.024	.049	.030	.015	.016	.010	.005		
7.0	.137	.076	.034	.118	.066	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004		
8.0	.130	.070	.029	.112	.061	.026	.078	.043	.018	.045	.025	.011	.015	.008	.004		
9.0	.124	.065	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003		
10.0	.118	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.009	.013	.007	.003		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: SENPU
 Test Date: 2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm											
NAME: 12-120-3256-56					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	24.4	25.9	24.7	26.1	26.4	24.5	26.1	24.8	26.3	26.5	
	3H	26.0	27.4	26.3	27.6	27.9	26.2	27.6	26.5	27.8	28.0
	4H	26.6	27.9	26.9	28.2	28.5	26.8	28.1	27.1	28.4	28.7
	6H	27.0	28.3	27.3	28.6	28.8	27.3	28.5	27.6	28.8	29.1
	8H	27.1	28.4	27.5	28.6	28.9	27.4	28.6	27.8	28.9	29.2
	12H	27.2	28.4	27.5	28.7	29.0	27.5	28.7	27.8	29.0	29.3
4H	2H	25.1	26.4	25.4	26.7	26.9	25.2	26.5	25.5	26.8	27.0
	3H	26.8	28.0	27.2	28.3	28.6	27.0	28.1	27.3	28.4	28.8
	4H	27.6	28.6	27.9	29.0	29.3	27.7	28.8	28.1	29.1	29.5
	6H	28.1	29.1	28.5	29.4	29.8	28.3	29.3	28.7	29.6	30.0
	8H	28.3	29.2	28.7	29.5	29.9	28.5	29.4	28.9	29.8	30.2
	12H	28.4	29.2	28.8	29.6	30.0	28.7	29.5	29.1	29.9	30.3
8H	4H	27.9	28.8	28.3	29.1	29.5	28.0	28.9	28.4	29.3	29.7
	6H	28.5	29.3	29.0	29.7	30.1	28.8	29.5	29.2	29.9	30.3
	8H	28.8	29.5	29.3	29.9	30.3	29.0	29.7	29.5	30.1	30.6
	12H	29.0	29.5	29.4	30.0	30.5	29.3	29.8	29.7	30.3	30.7
12H	4H	27.9	28.7	28.3	29.1	29.5	28.0	28.8	28.5	29.2	29.6
	6H	28.6	29.3	29.1	29.7	30.2	28.8	29.5	29.3	29.9	30.4
	8H	28.9	29.5	29.4	29.9	30.4	29.1	29.7	29.6	30.2	30.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117, 791.6 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -0.8$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: SENPU
 Test Date: 2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

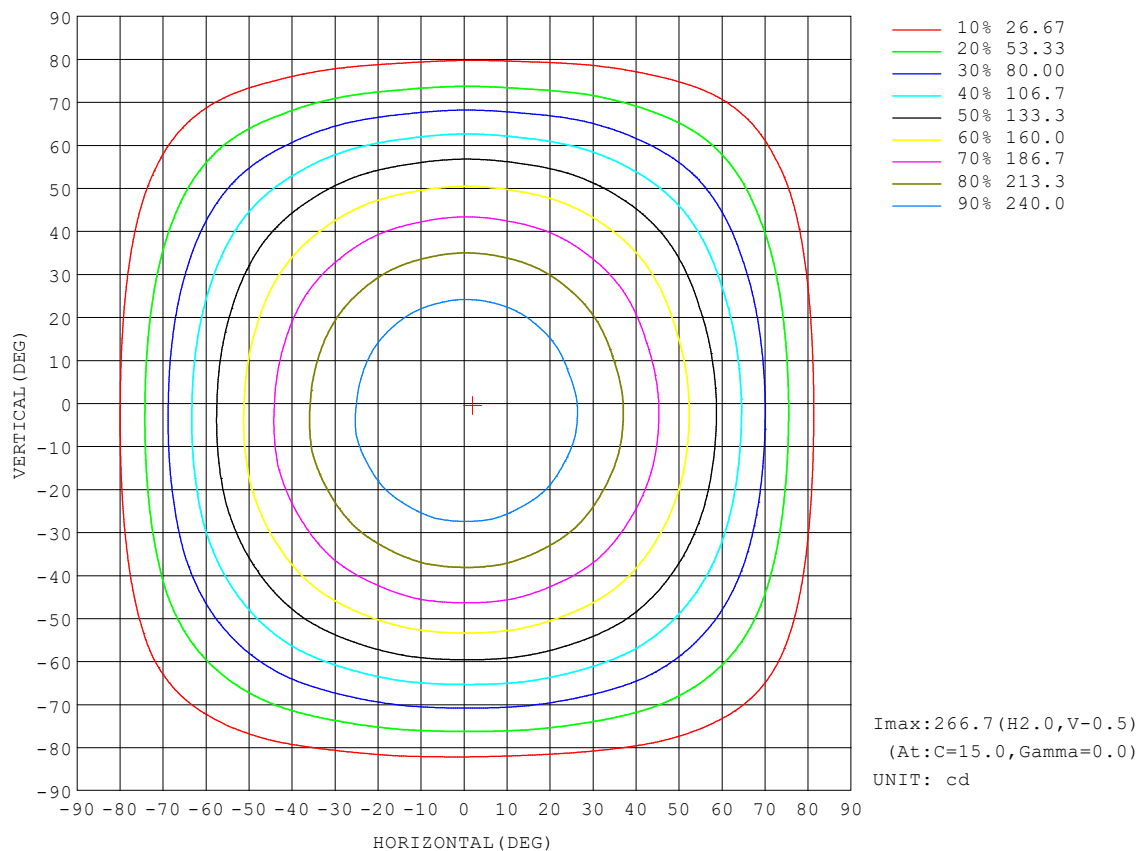
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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: 27DEG
 Operators: SENPU
 Test Date: 2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

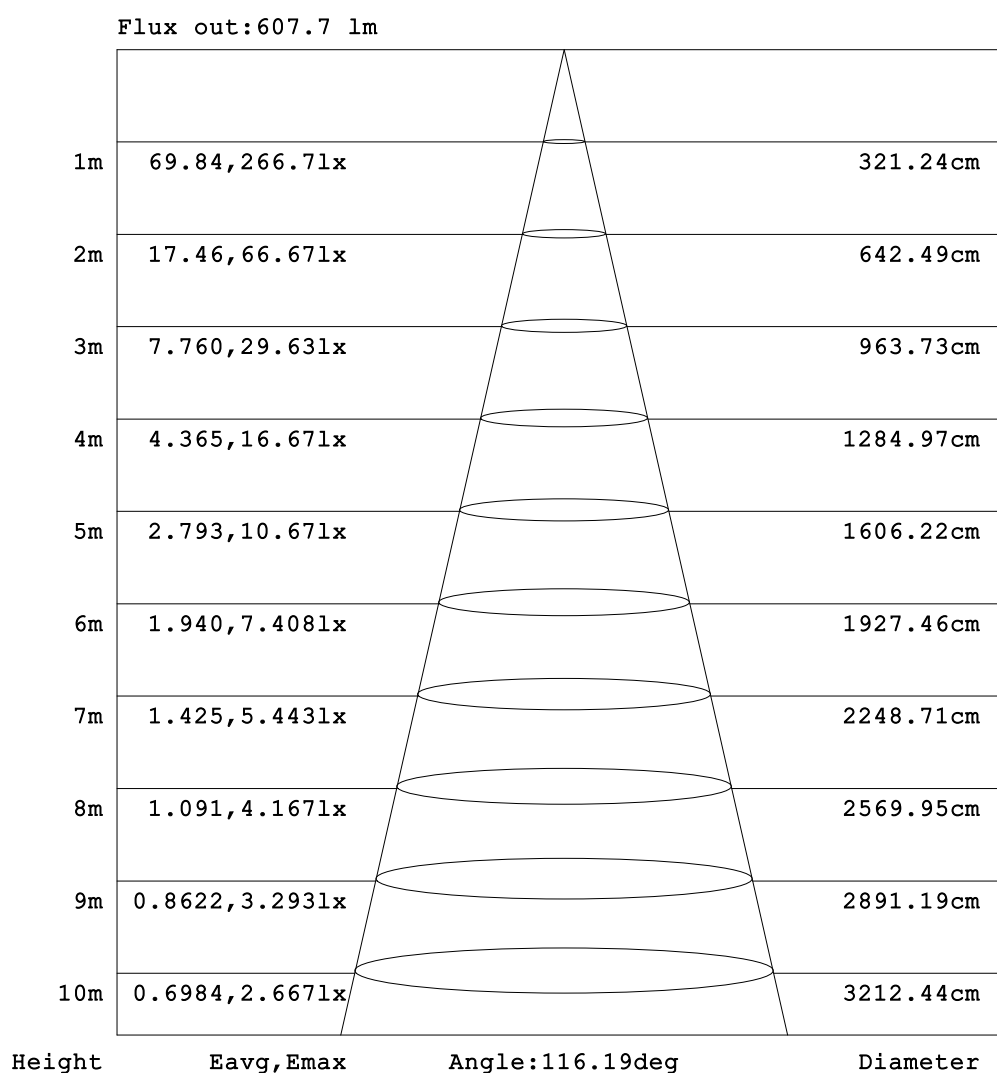


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:SENPU
Test Date:2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



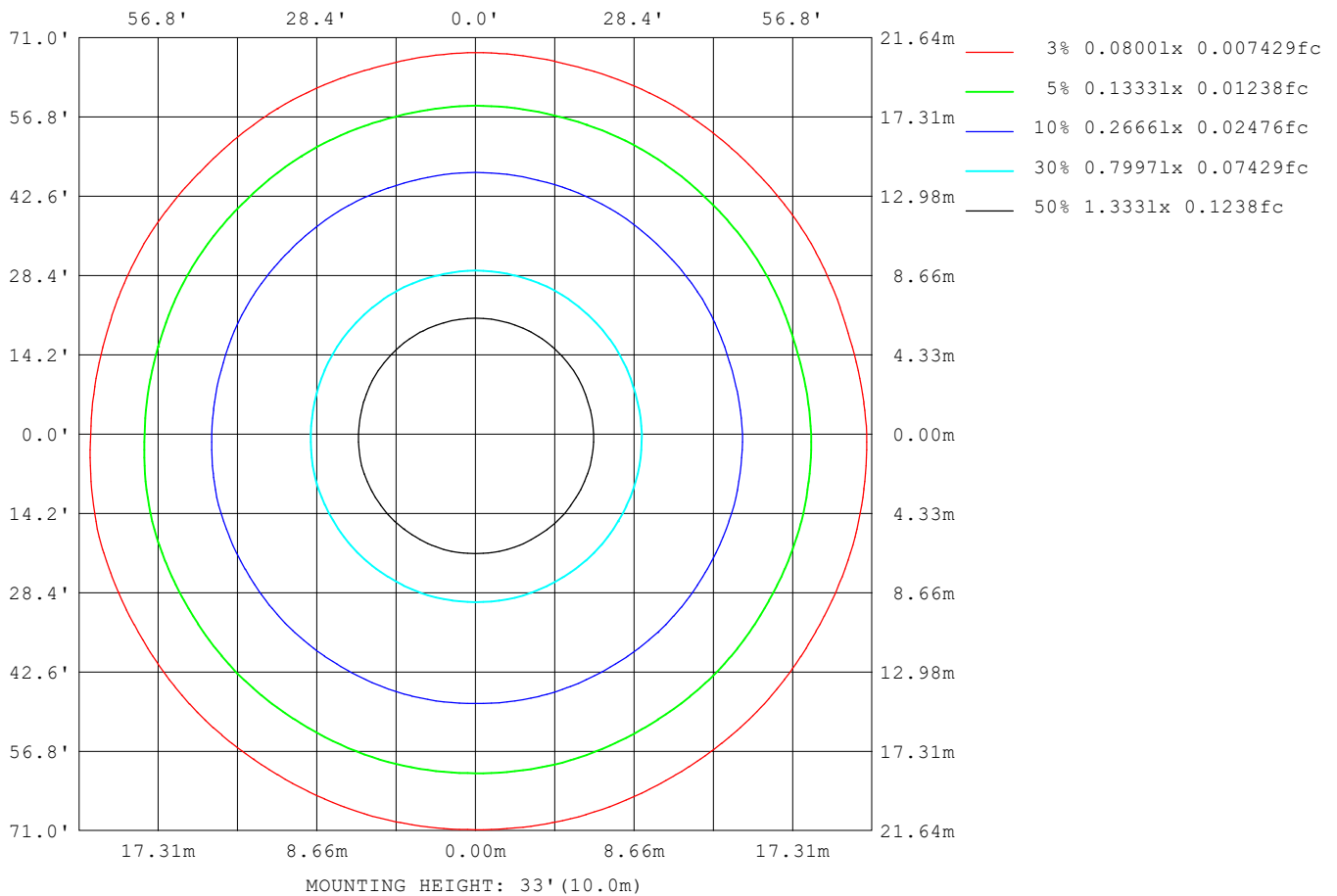
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:SENPU
 Test Date:2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: SENPU
 Test Date: 2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

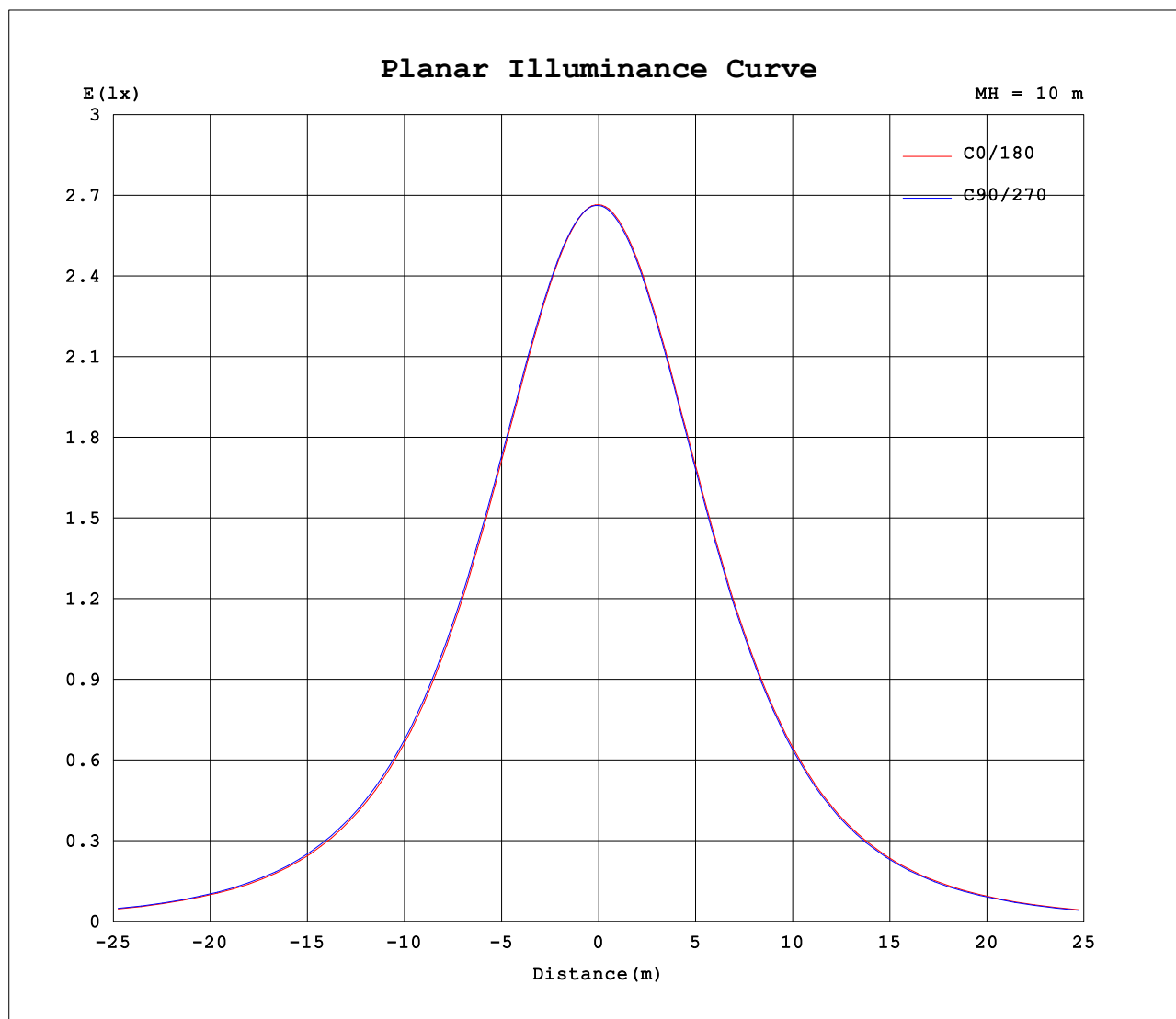
AvgL	cd/m2
L_0~180 (65) av	23995
L_0~180 (75) av	20300
L_0~180 (85) av	12523
L_90~270 (65) av	24110
L_90~270 (75) av	20602
L_90~270 (85) av	14579
L_45 (65) av	24030
L_45 (75) av	20431
L_45 (85) av	14009

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: SENPU
 Test Date: 2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000 SYSTEM V2.0.402
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	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	267	267	266	266	266	266	266	267	266	266	266	267	267	267	266	266	266	266	266
5	266	266	266	266	266	266	266	266	266	266	266	266	265	265	265	265	265	265	265
10	263	264	263	264	264	264	264	264	263	263	263	263	262	262	261	261	261	261	261
15	258	259	259	260	259	260	259	260	259	259	258	258	257	256	256	255	255	255	255
20	251	252	252	253	253	254	253	253	252	252	251	251	249	249	248	248	248	247	248
25	243	244	244	245	245	245	245	245	244	244	243	242	240	239	239	238	238	238	238
30	232	233	233	234	234	235	234	235	233	233	232	231	229	228	227	226	227	226	227
35	219	220	221	222	222	223	222	222	221	221	219	218	215	214	214	213	213	213	213
40	204	206	206	208	207	208	208	208	207	206	204	204	200	199	198	197	198	197	198
45	188	190	190	191	191	192	192	192	190	190	188	187	183	182	181	180	180	180	181
50	169	171	171	173	173	174	173	173	172	171	169	169	165	163	162	161	161	161	162
55	149	151	151	153	153	154	153	154	152	151	149	148	144	142	142	140	141	140	141
60	128	129	130	131	131	132	132	132	130	130	127	127	122	120	120	118	118	118	119
65	104	106	107	108	108	109	108	109	107	106	104	103	98.4	96.1	96.0	93.9	94.9	93.8	95.3
70	80.3	82.2	82.4	84.1	83.8	84.9	84.1	84.4	82.6	82.2	79.8	78.9	73.9	71.7	71.4	70.1	70.4	69.8	71.0
75	55.8	57.6	57.8	59.3	59.2	60.2	59.6	59.7	58.1	57.6	55.3	54.3	49.3	47.3	47.0	45.3	46.2	45.8	47.0
80	32.4	33.9	34.1	35.6	35.5	36.4	36.0	36.2	34.7	34.2	32.0	31.0	26.4	24.7	24.5	23.6	24.3	24.3	25.5
85	13.0	14.1	14.4	15.6	15.8	15.7	16.0	16.7	15.7	15.0	13.4	12.2	8.79	7.65	7.75	7.68	8.45	8.70	9.44
90	2.01	2.24	2.61	3.51	3.99	4.15	0.46	4.61	4.40	3.94	3.05	2.39	1.20	1.15	1.16	1.33	1.49	1.61	0.17
95	0.42	0.35	0.43	0.46	0.66	0.46	0.28	0.52	0.78	0.61	0.54	0.52	0.36	0.45	0.35	0.35	0.23	0.23	0.18
100	0.38	0.34	0.34	0.31	0.29	0.29	0.27	0.27	0.36	0.34	0.29	0.32	0.24	0.26	0.24	0.23	0.23	0.21	0.22
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:27DEG

Operators:SENPU

Test Date:2021-07-22

γ Range: 0 - 100DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000 SYSTEM V2.0.402

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.000V I:0.6677A P:8.0124W PF:1.0000 Freq:0Hz Lamp Flux:791.562x1 lm		
NAME: 12-120-3256-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	267	266	266	266	267														
5	265	265	265	265	266														
10	261	261	262	262	262														
15	256	256	256	257	257														
20	248	248	249	249	250														
25	238	239	239	240	241														
30	227	228	228	229	229														
35	213	214	214	216	216														
40	198	199	199	201	201														
45	181	182	182	184	184														
50	162	163	163	165	166														
55	141	143	143	145	145														
60	119	120	121	123	123														
65	94.7	97.1	97.5	99.5	99.6														
70	71.1	72.9	73.2	75.2	75.7														
75	46.8	48.8	49.3	51.0	51.4														
80	25.6	27.0	27.2	28.5	28.6														
85	9.82	10.5	10.5	11.0	10.8														
90	2.08	2.36	2.25	2.12	1.76														
95	0.29	0.31	0.36	0.29	0.35														
100	0.23	0.22	0.25	0.24	0.29														
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:27DEG
 Operators:SENPU
 Test Date:2021-07-22

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: