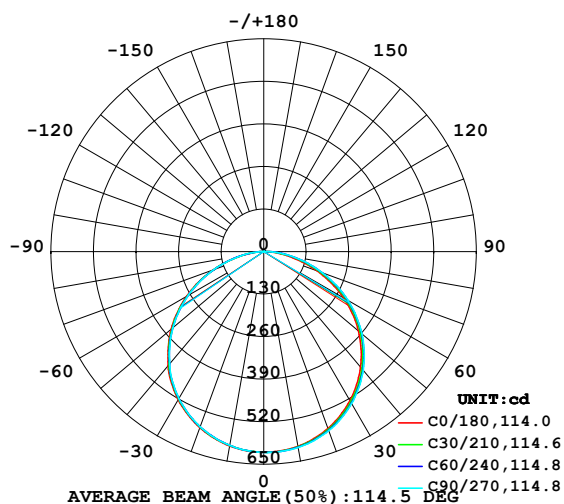


LUMINAIRE PHOTOMETRIC TEST REPORT

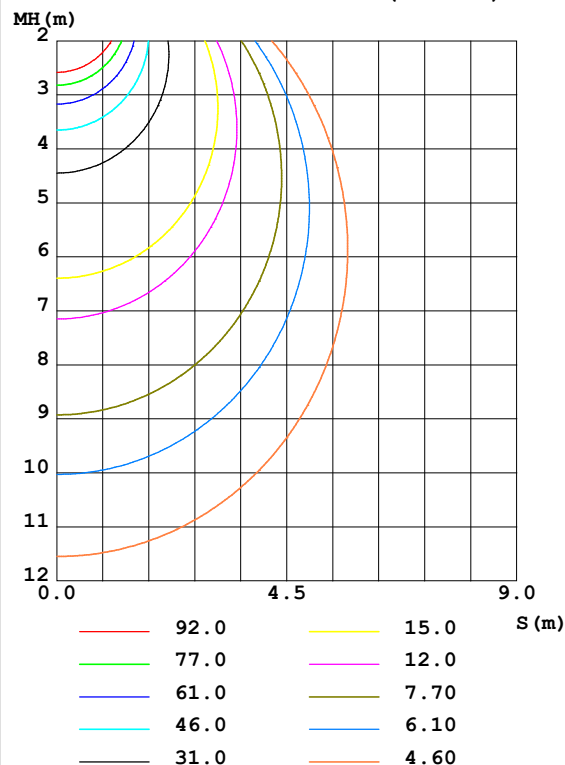
Test:U:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.24 lm/W			
MODEL		I _{max} (cd)	615.6	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1805.5	η UP, DN (C0-180)	0.1, 51.5
NOMINAL FLUX (lm)	1805.46	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 48.3
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	99.8	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:

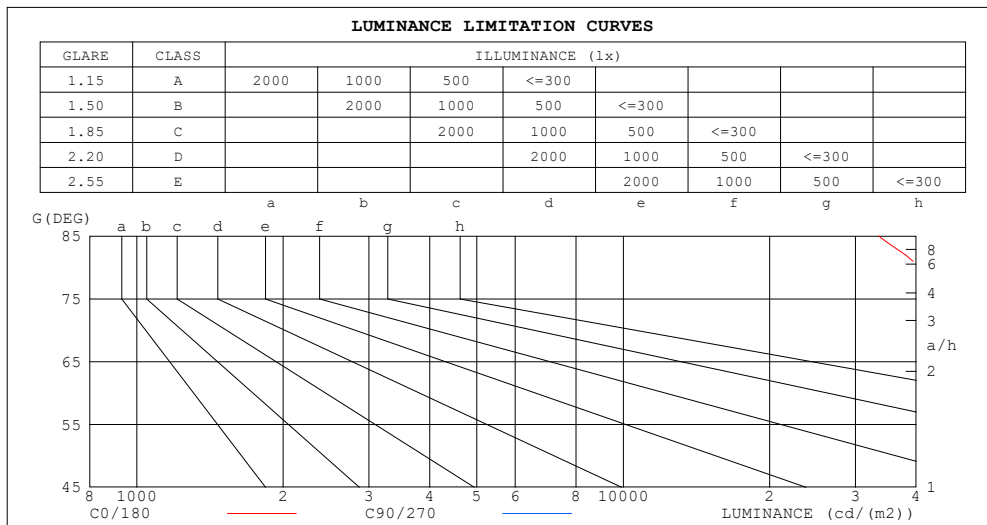
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	603.9	606.5	607.6	607.6	602.7	600.9	601.5	602.6	0- 10	58.15	58.15	3.22,3.22
20	574.7	580.3	582.0	581.2	572.2	569.1	569.5	570.5	10- 20	167.2	225.3	12.5,12.5
30	526.6	534.9	537.0	535.6	522.9	518.6	518.4	519.9	20- 30	255.1	480.4	26.6,26.6
40	460.6	471.3	473.2	471.6	454.7	449.8	447.5	451.3	30- 40	310.2	790.6	43.8,43.8
50	378.0	388.3	391.9	388.0	369.4	364.8	362.4	366.8	40- 50	323.7	1114	61.7,61.7
60	281.7	293.4	296.9	292.4	271.3	266.9	265.3	268.7	50- 60	294.2	1409	78,78
70	174.1	189.7	192.0	188.3	164.7	161.8	162.3	163.7	60- 70	224.9	1633	90.5,90.5
80	70.78	89.83	89.11	87.86	61.41	65.22	64.56	68.13	70- 80	130.4	1764	97.7,97.7
90	4.539	13.96	0.5322	12.61	1.658	7.639	0.5472	8.479	80- 90	38.56	1802	99.8,99.8
100	1.540	0.4581	0.4506	0.6083	0.7055	0.3304	0.3155	0.3600	90-100	2.988	1805	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0373	1805	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1805	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1805	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1805	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1805	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1805	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1805	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1805	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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	33474	49433
80	40762	51315
75	46817	53925
70	50909	56142
65	53909	57987
60	56332	59378
55	57798	60280
50	58814	60964
45	59582	61453

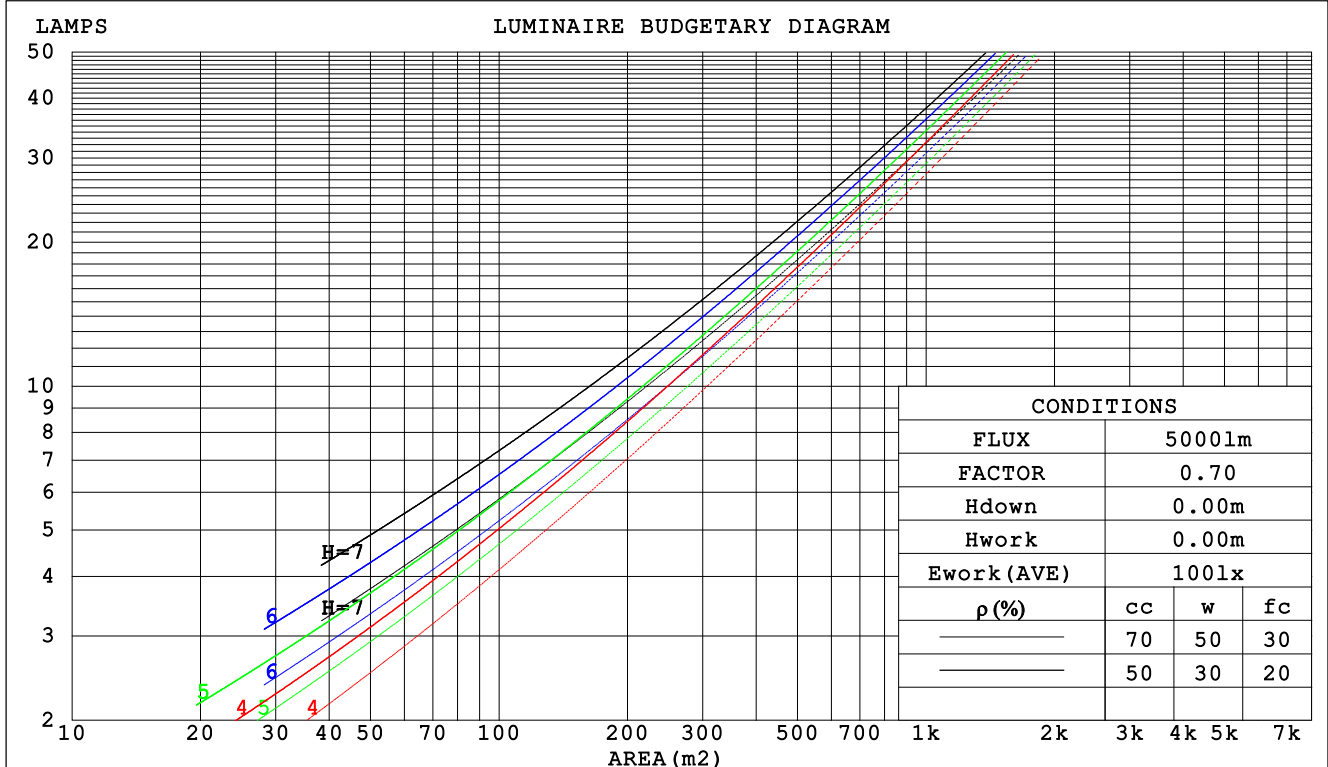
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-22

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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	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	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.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	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.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	.29	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm					
NAME: 24-420-56			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	.314	.179	.057	.307	.175	.056	.294	.169	.054	.282	.162	.052	.270	.157	.050		
2.0	.295	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046		
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.247	.135	.041	.238	.132	.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	.204	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.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	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.157	.135	.156	.135	.116	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.174	.133	.099	.149	.115	.086	.102	.079	.060	.059	.046	.035	.019	.015	.011	
3.0	.166	.116	.075	.143	.100	.065	.098	.069	.046	.057	.040	.027	.018	.013	.009	
4.0	.159	.102	.059	.136	.088	.052	.094	.062	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.092	.048	.130	.080	.042	.089	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.084	.040	.124	.072	.035	.085	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.137	.077	.034	.118	.066	.030	.082	.047	.021	.047	.027	.013	.015	.009	.004	
8.0	.131	.071	.030	.112	.062	.026	.078	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.125	.066	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.102	.054	.021	.071	.038	.015	.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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm											
NAME: 24-420-56					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	27.1	28.6	27.4	28.8	29.1	27.3	28.8	27.6	29.0	29.2	
	3H	28.6	30.1	28.9	30.3	30.5	28.9	30.4	29.2	30.6	30.8
	4H	29.2	30.6	29.6	30.8	31.1	29.6	31.0	30.0	31.2	31.5
	6H	29.6	30.9	30.0	31.2	31.5	30.2	31.4	30.5	31.7	32.0
	8H	29.8	31.0	30.1	31.3	31.6	30.4	31.6	30.7	31.9	32.2
	12H	29.8	31.0	30.2	31.3	31.6	30.5	31.7	30.9	32.0	32.3
4H	2H	27.8	29.1	28.1	29.4	29.6	27.9	29.3	28.2	29.5	29.8
	3H	29.5	30.7	29.9	31.0	31.3	29.8	30.9	30.1	31.2	31.6
	4H	30.2	31.3	30.6	31.6	32.0	30.6	31.7	31.0	32.0	32.3
	6H	30.8	31.7	31.2	32.1	32.5	31.3	32.2	31.7	32.6	33.0
	8H	31.0	31.9	31.4	32.2	32.6	31.5	32.4	32.0	32.8	33.2
	12H	31.1	31.9	31.5	32.3	32.7	31.7	32.6	32.2	33.0	33.4
8H	4H	30.6	31.5	31.0	31.8	32.2	30.9	31.8	31.3	32.2	32.5
	6H	31.3	32.0	31.7	32.4	32.9	31.8	32.5	32.2	32.9	33.3
	8H	31.6	32.2	32.0	32.7	33.1	32.1	32.8	32.6	33.2	33.7
	12H	31.8	32.3	32.2	32.8	33.3	32.4	33.0	32.9	33.5	33.9
12H	4H	30.6	31.4	31.0	31.8	32.2	30.9	31.7	31.3	32.1	32.5
	6H	31.4	32.1	31.9	32.5	32.9	31.8	32.5	32.3	32.9	33.4
	8H	31.7	32.3	32.2	32.7	33.2	32.3	32.8	32.7	33.3	33.8
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					+ 0.1 / - 0.3					

CIE Pub.117, 1805 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.1$)

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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

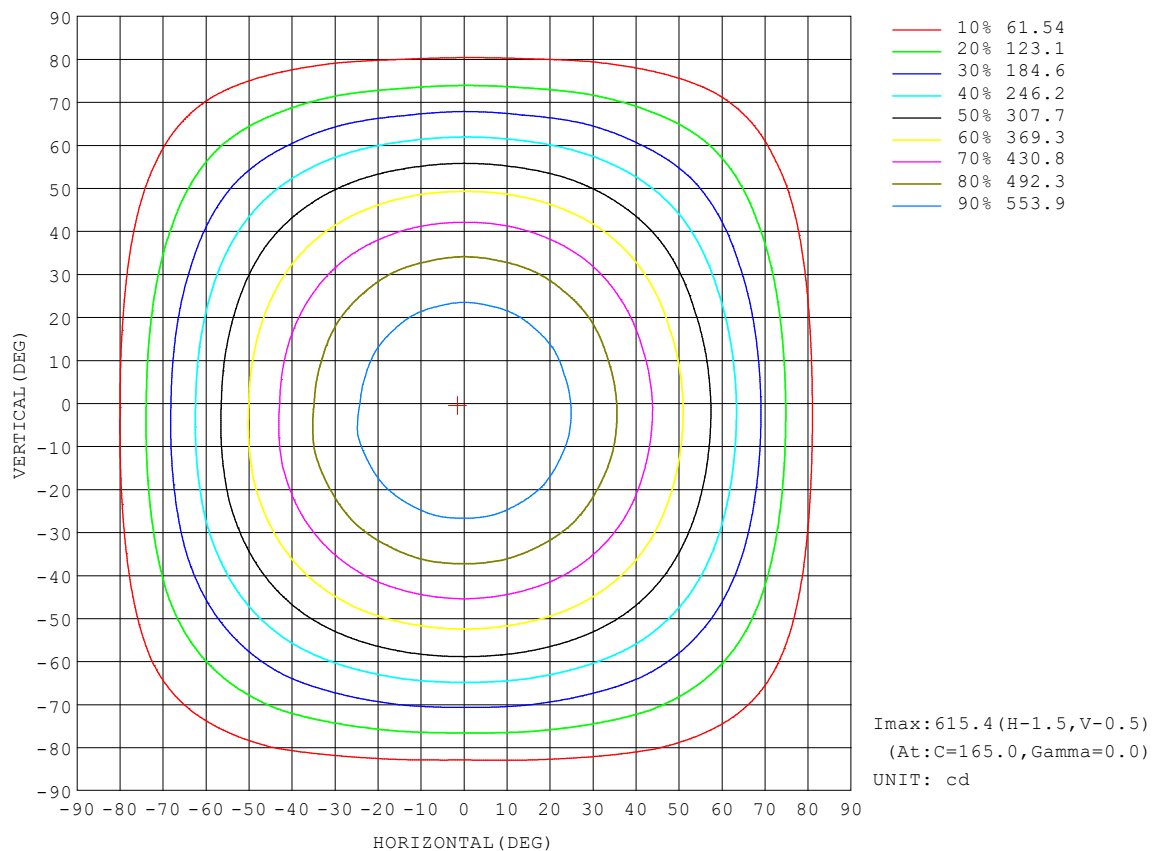
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	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	82	77	69
2.50	99	91	84	96	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	103	99	106	102	98	101	98	95	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: 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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

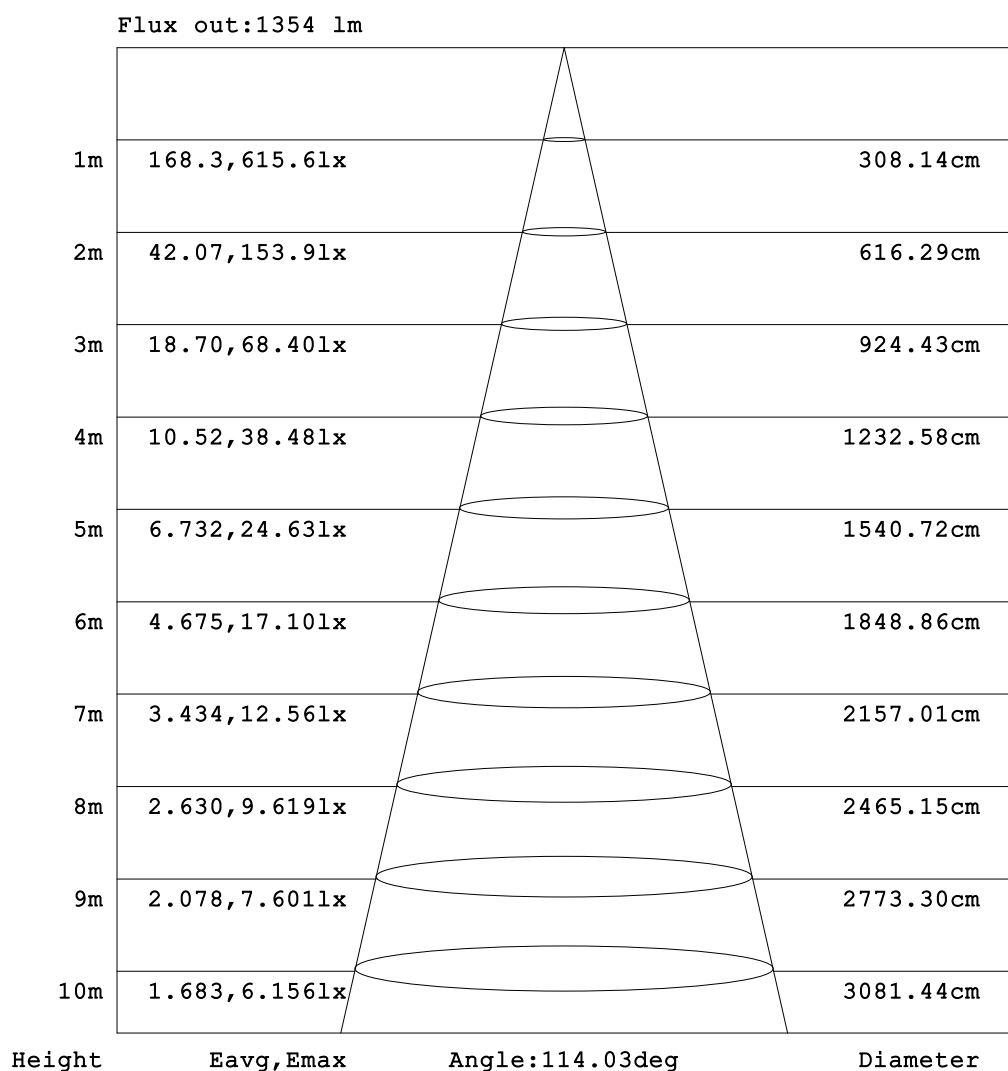


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-22

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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



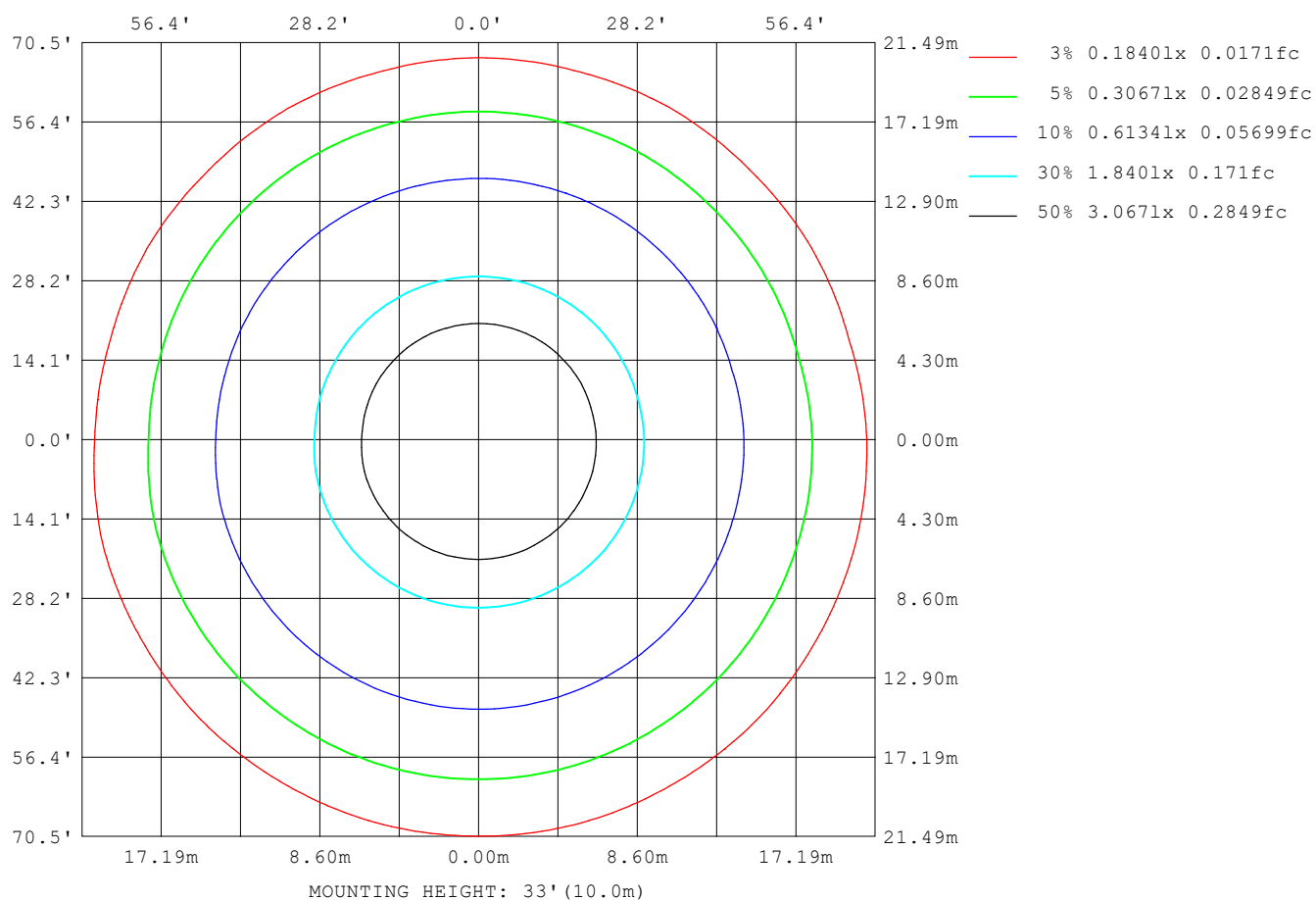
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

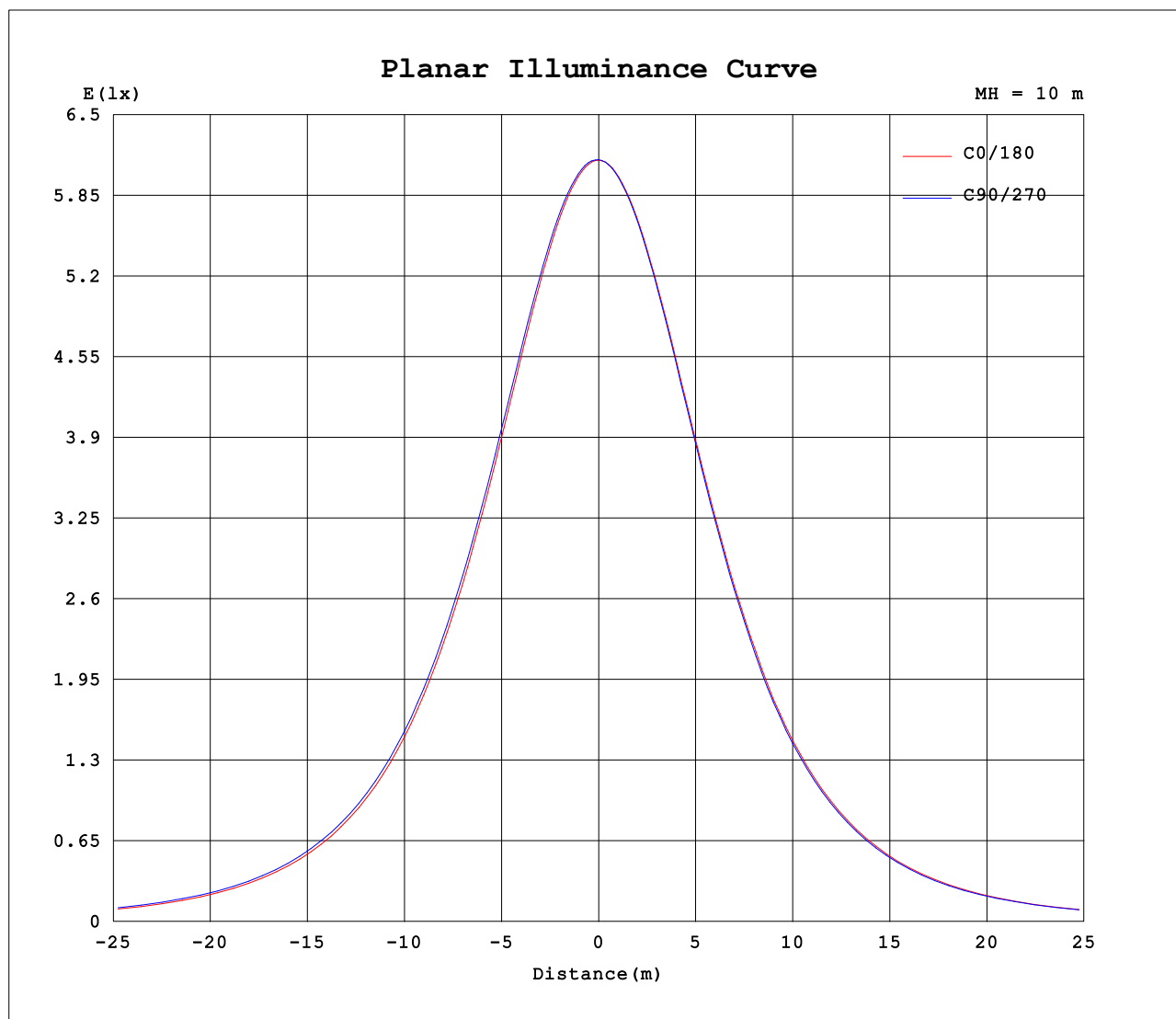
AvgL	cd/m2
L_0~180 (65) av	52833
L_0~180 (75) av	44935
L_0~180 (85) av	28635
L_90~270 (65) av	54313
L_90~270 (75) av	48538
L_90~270 (85) av	38599
L_45 (65) av	53934
L_45 (75) av	48336
L_45 (85) av	41596

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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	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	613	613	613	613	613	613	614	614	614	615	615	616	613	613	613	613	613	613	614
5	611	612	612	612	612	613	613	613	613	613	613	614	611	610	610	610	610	610	610
10	604	605	605	606	607	608	608	608	608	608	607	607	603	602	601	601	601	601	601
15	592	593	594	596	596	597	597	598	597	597	595	595	590	588	588	587	588	587	588
20	575	577	578	580	581	582	582	583	582	581	579	578	572	570	570	569	570	569	569
25	553	556	557	560	560	562	562	563	561	561	558	557	550	548	548	546	547	545	546
30	527	530	531	535	535	537	537	538	536	536	532	531	523	520	520	519	519	517	518
35	496	500	501	505	506	508	507	508	506	506	502	501	491	488	489	486	487	485	486
40	461	465	467	471	472	474	473	474	472	472	467	466	455	452	451	450	448	448	447
45	421	424	428	431	433	433	435	433	433	431	428	424	413	412	410	409	407	407	406
50	378	381	386	388	391	391	392	391	390	388	385	381	369	367	366	365	363	363	362
55	332	335	339	342	344	345	346	345	344	342	339	334	322	319	319	317	316	315	315
60	282	286	290	293	295	297	297	296	295	292	289	284	271	269	268	267	266	265	265
65	228	234	237	242	243	246	245	245	243	241	235	232	219	214	216	213	215	212	214
70	174	180	184	190	191	193	192	193	190	188	182	178	165	161	163	162	163	160	162
75	121	127	132	138	140	142	140	141	138	137	129	125	111	108	112	112	113	110	112
80	70.8	77.2	82.9	89.8	90.7	91.4	89.1	90.6	88.7	87.9	80.2	74.1	61.4	60.3	64.3	65.2	66.0	63.6	64.6
85	29.2	34.7	40.1	46.2	46.4	45.6	43.1	44.4	44.2	43.8	36.7	30.9	20.7	20.9	24.6	26.0	26.5	23.7	24.2
90	4.54	7.11	10.3	14.0	11.3	5.96	0.53	5.37	9.77	12.6	8.88	5.32	1.66	3.32	5.82	7.64	5.36	2.06	0.55
95	2.04	3.52	5.06	5.39	1.89	0.42	0.41	0.44	1.37	5.19	5.06	3.25	1.34	2.73	4.35	4.81	1.24	0.47	0.38
100	1.54	1.83	1.19	0.46	0.46	0.45	0.45	0.56	0.48	0.61	0.97	1.16	0.71	0.76	0.43	0.33	0.32	0.32	0.32
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:24.000V I:0.9260A P:22.224W PF:1.0000 Freq:0Hz Lamp Flux:1805.46x1 lm		
NAME: 24-420-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	614	614	615	615	616														
5	610	611	611	612	612														
10	601	602	603	604	604														
15	588	589	589	591	591														
20	569	571	570	572	573														
25	546	548	548	550	550														
30	518	520	520	522	523														
35	485	488	488	491	491														
40	449	449	451	454	455														
45	407	409	411	412	415														
50	363	365	367	369	371														
55	315	318	319	322	322														
60	265	268	269	272	273														
65	213	216	216	219	219														
70	161	165	164	167	166														
75	112	115	114	115	113														
80	64.9	68.3	68.1	67.9	64.8														
85	25.0	28.8	29.1	28.6	25.4														
90	2.56	6.22	8.48	7.17	4.68														
95	0.44	1.67	4.96	4.91	3.32														
100	0.29	0.29	0.36	0.94	1.35														
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:SENP
 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: