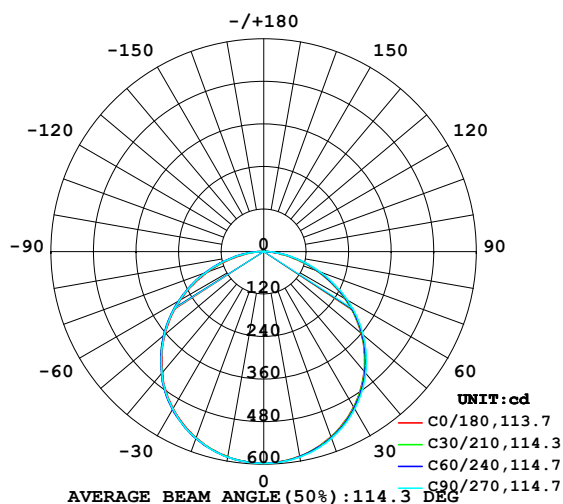


LUMINAIRE PHOTOMETRIC TEST REPORT

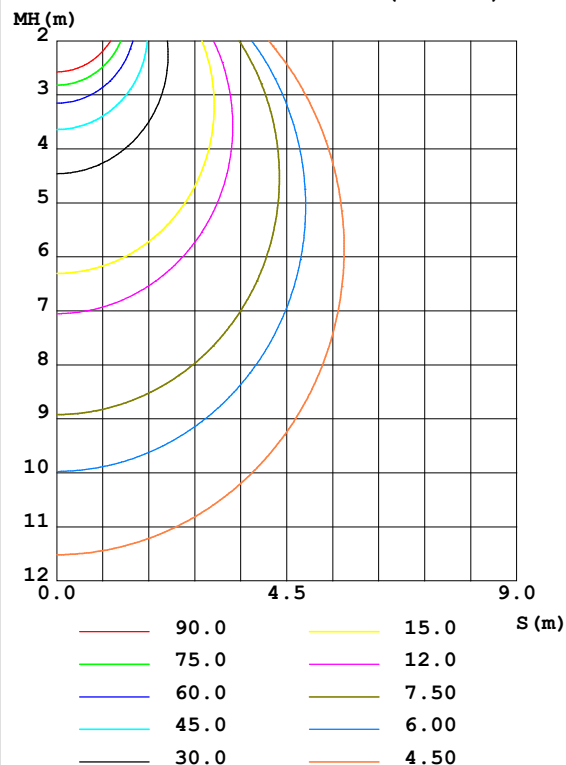
Test:U:24.000V I:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.06 lm/W			
MODEL		I _{max} (cd)	598.6	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1754.8	η UP, DN (C0-180)	0.1, 49.9
NOMINAL FLUX (lm)	1754.83	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 49.9
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:

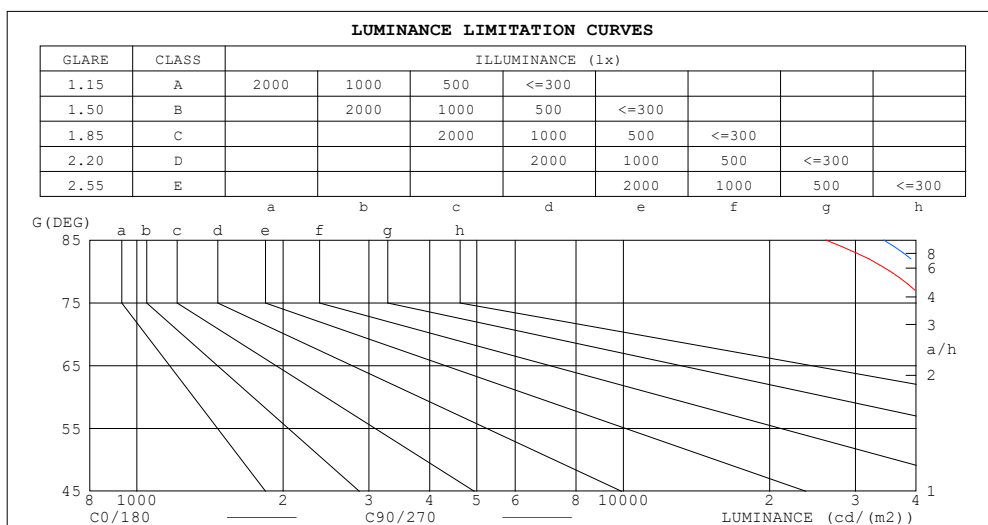
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	586.1	587.2	588.3	589.7	587.5	587.9	588.3	587.2	0- 10	56.57	56.57	3.22,3.22
20	555.8	558.3	560.2	562.8	558.7	559.9	560.2	557.3	10- 20	162.6	219.2	12.5,12.5
30	507.0	510.2	512.9	517.0	511.3	513.2	513.2	508.8	20- 30	247.9	467.1	26.6,26.6
40	440.9	442.5	447.7	452.4	444.0	449.2	447.1	443.0	30- 40	301.2	768.2	43.8,43.8
50	359.2	361.5	366.2	371.6	364.3	369.2	366.7	361.8	40- 50	314.1	1082	61.7,61.7
60	264.4	267.2	272.0	278.5	270.5	276.5	274.1	268.0	50- 60	285.6	1368	78,78
70	160.1	166.0	169.8	177.5	168.0	174.6	174.7	166.0	60- 70	218.4	1586	90.4,90.4
80	61.49	71.50	71.99	81.94	68.10	80.40	77.18	72.32	70- 80	127.1	1713	97.6,97.6
90	3.457	9.816	0.6924	12.68	3.516	10.85	0.7621	10.35	80- 90	38.04	1751	99.8,99.8
100	1.465	0.4882	0.5032	0.5708	0.9758	0.3378	0.3229	0.3527	90-100	3.407	1755	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0410	1755	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1755	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1755	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1755	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1755	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1755	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1755	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1755	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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



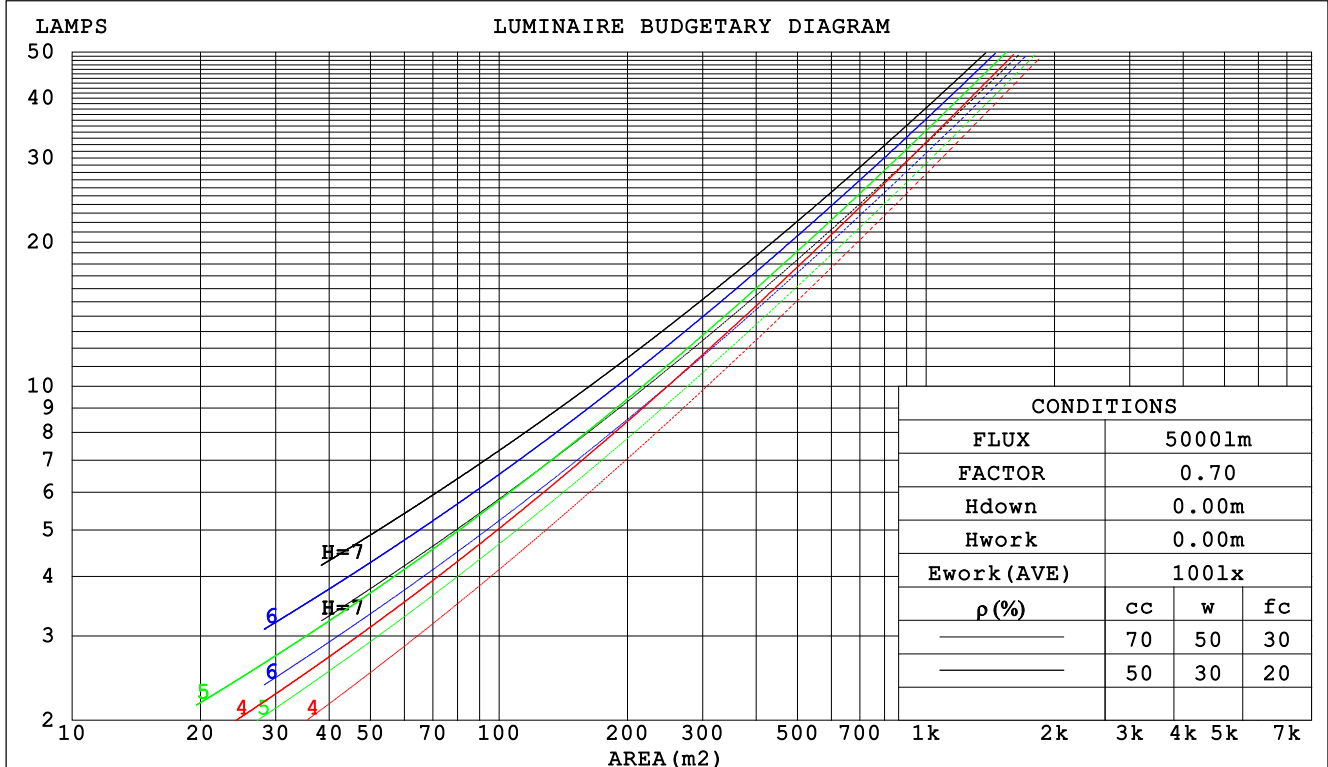
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-22

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	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	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.71	.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	.46	.40	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.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	.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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm					
NAME: 24-420-40			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	.315	.179	.057	.308	.175	.056	.294	.169	.054	.282	.163	.052	.271	.157	.051		
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	.158	.135	.156	.135	.117	.107	.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	.041	.027	.018	.013	.009	
4.0	.159	.103	.060	.136	.089	.052	.094	.062	.036	.054	.036	.022	.017	.012	.007	
5.0	.151	.092	.048	.130	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.084	.041	.124	.073	.035	.086	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.137	.077	.035	.118	.067	.030	.082	.047	.021	.047	.028	.013	.015	.009	.004	
8.0	.131	.071	.030	.113	.062	.026	.078	.043	.019	.045	.026	.011	.015	.008	.004	
9.0	.125	.066	.027	.107	.057	.023	.074	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.103	.054	.021	.071	.038	.015	.042	.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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm											
NAME: 24-420-40					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	26.7	28.2	27.0	28.4	28.7	26.8	28.3	27.1	28.6	28.8	
	3H	28.2	29.6	28.5	29.8	30.1	28.4	29.8	28.7	30.0	30.2
	4H	28.7	30.1	29.0	30.3	30.6	29.0	30.3	29.3	30.6	30.8
	6H	29.1	30.4	29.4	30.6	30.9	29.4	30.7	29.8	31.0	31.2
	8H	29.2	30.4	29.5	30.7	31.0	29.6	30.8	29.9	31.1	31.4
	12H	29.2	30.4	29.6	30.7	31.0	29.6	30.8	30.0	31.1	31.4
4H	2H	27.3	28.7	27.6	28.9	29.2	27.4	28.8	27.7	29.0	29.3
	3H	29.0	30.1	29.3	30.4	30.8	29.1	30.3	29.5	30.6	30.9
	4H	29.6	30.7	30.0	31.0	31.4	29.9	31.0	30.2	31.3	31.6
	6H	30.1	31.1	30.5	31.4	31.8	30.4	31.4	30.8	31.8	32.1
	8H	30.3	31.2	30.7	31.5	31.9	30.6	31.5	31.1	31.9	32.3
	12H	30.3	31.2	30.8	31.6	32.0	30.8	31.6	31.2	32.0	32.4
8H	4H	29.9	30.8	30.3	31.2	31.6	30.1	31.0	30.5	31.4	31.8
	6H	30.5	31.3	31.0	31.7	32.1	30.9	31.6	31.3	32.0	32.4
	8H	30.8	31.4	31.2	31.9	32.3	31.1	31.8	31.6	32.2	32.7
	12H	30.9	31.5	31.4	31.9	32.4	31.3	31.9	31.8	32.4	32.8
12H	4H	29.9	30.8	30.4	31.2	31.6	30.1	31.0	30.6	31.3	31.8
	6H	30.6	31.3	31.1	31.7	32.2	30.9	31.6	31.4	32.0	32.5
	8H	30.9	31.4	31.4	31.9	32.4	31.2	31.8	31.7	32.3	32.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 1755 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.0$)

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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

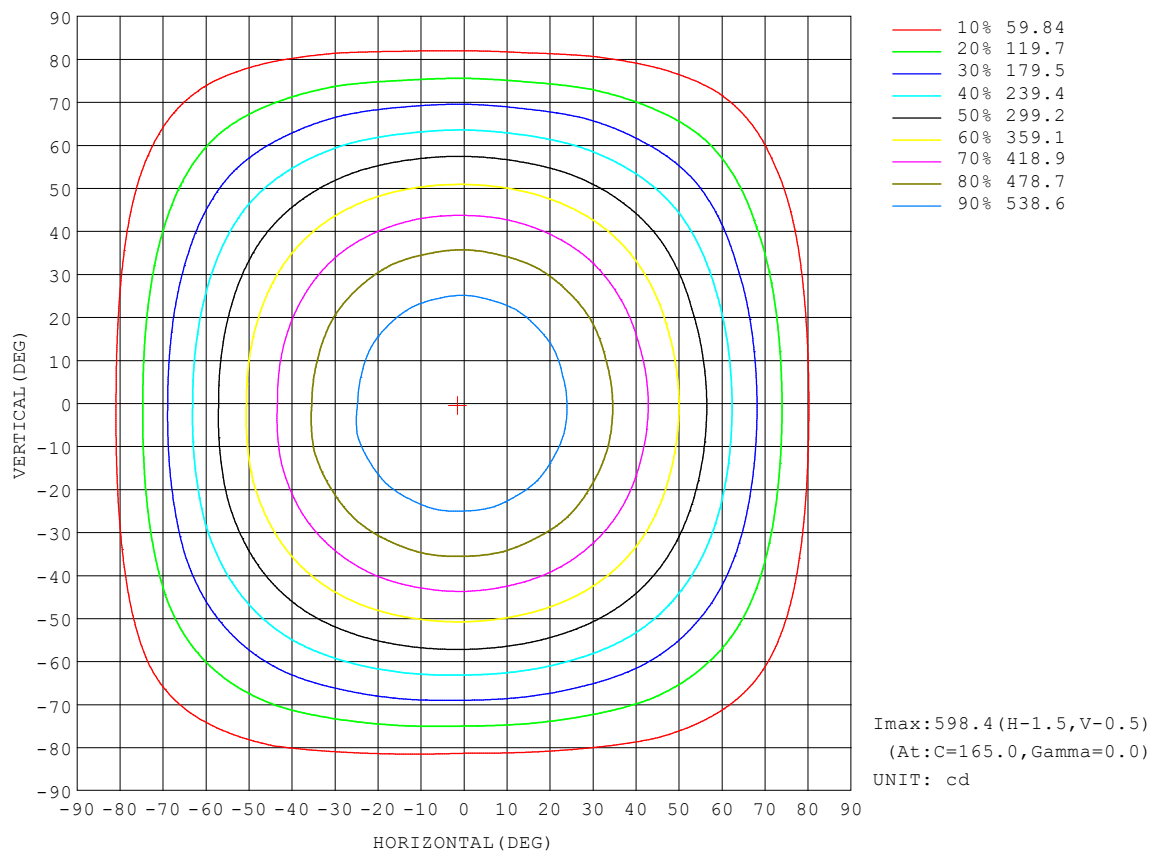
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	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	70	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	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	101	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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

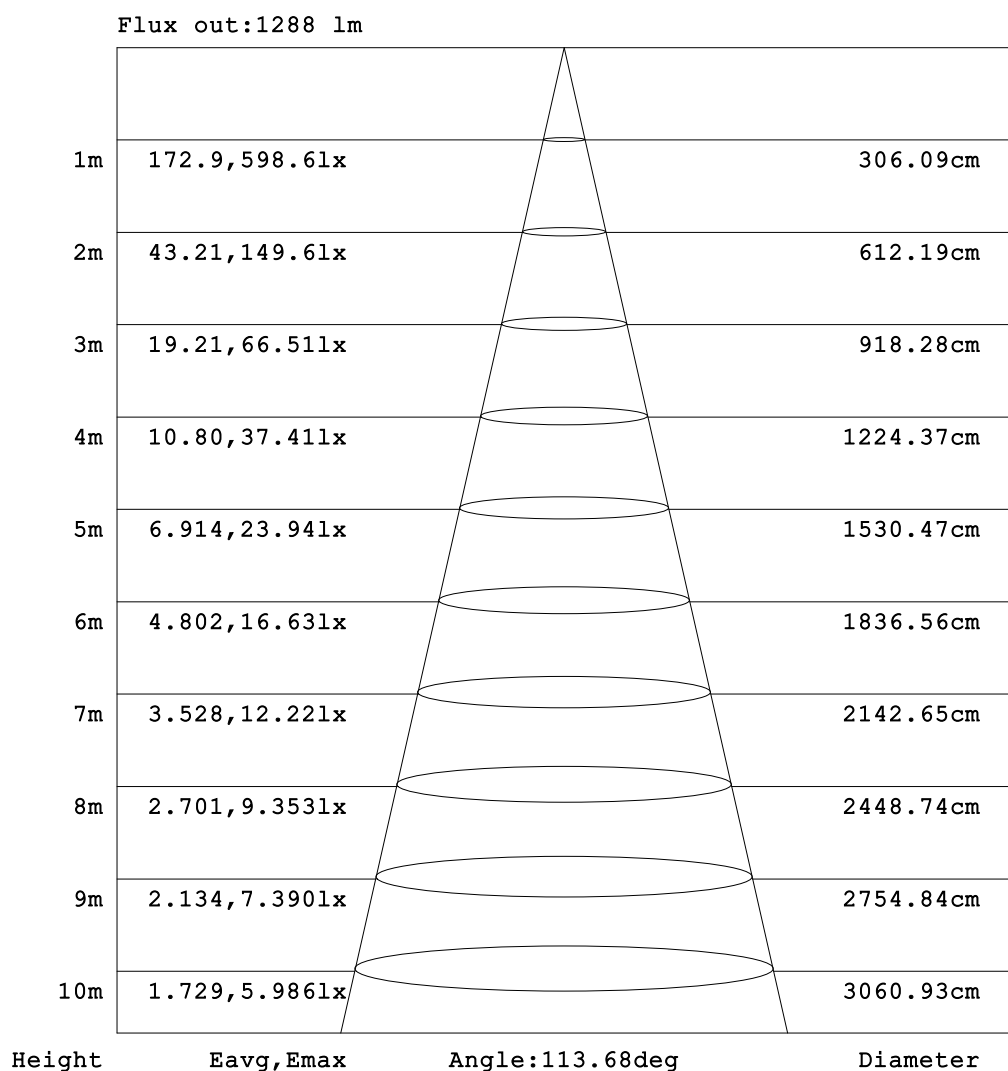


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-22

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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



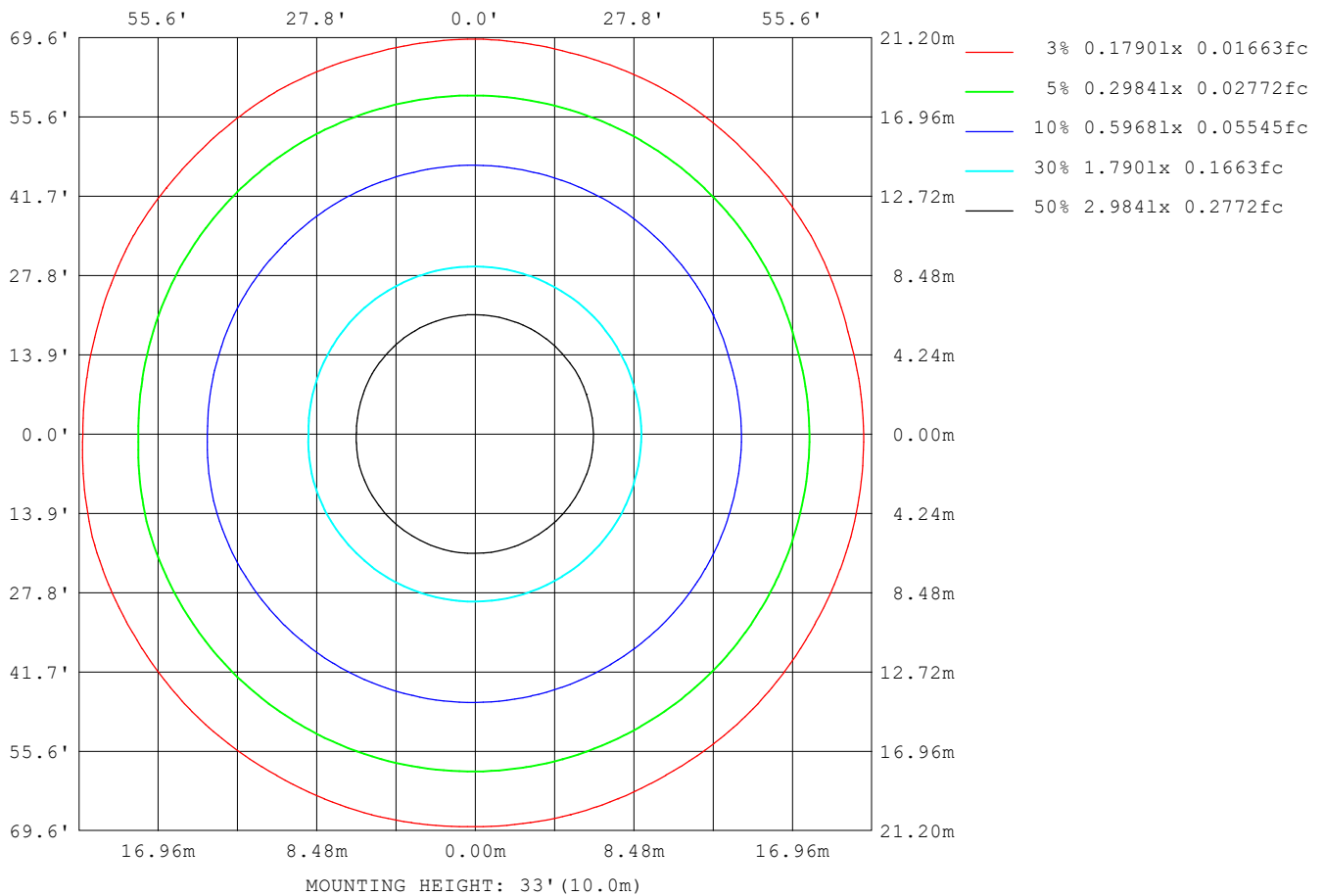
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

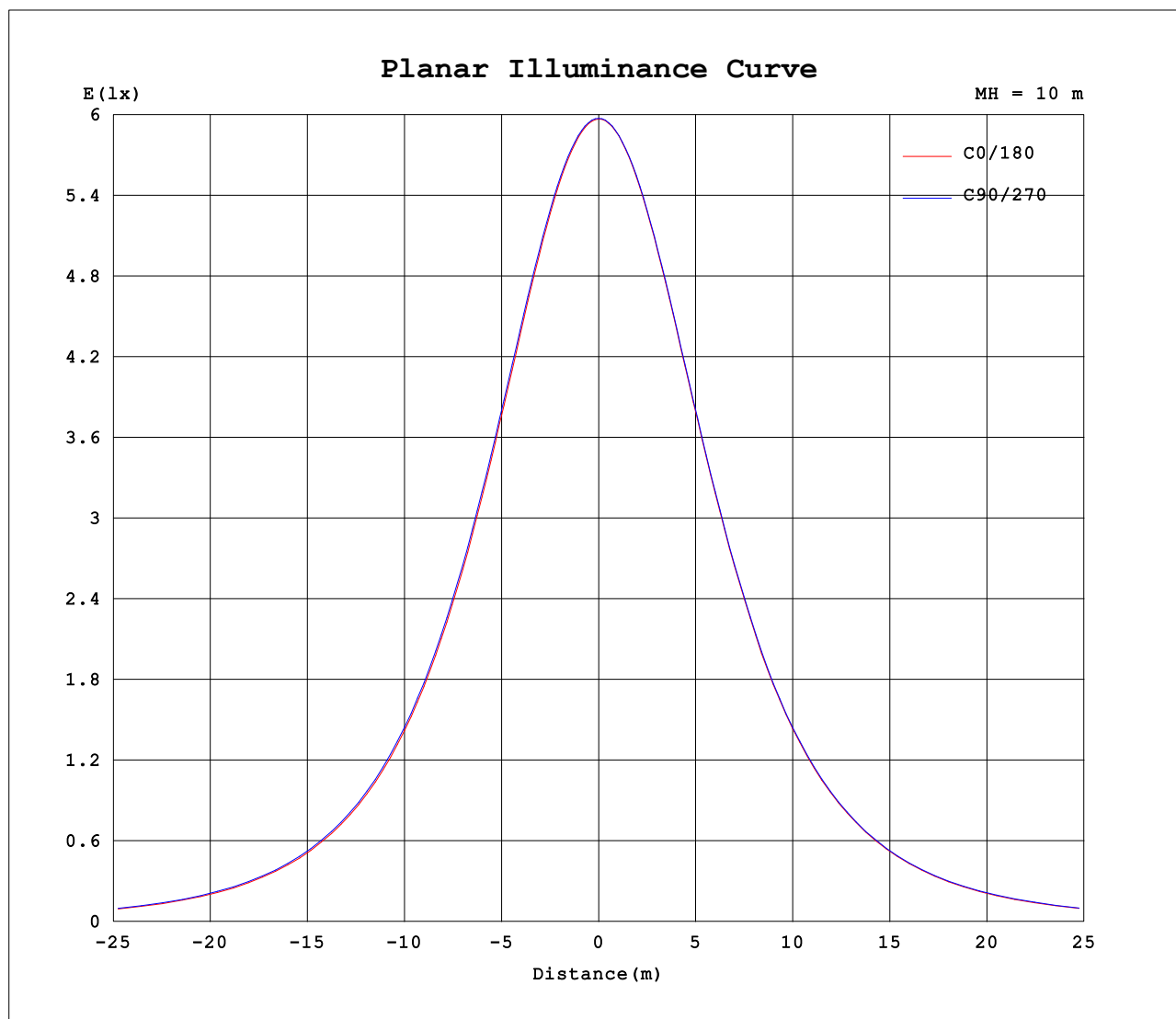
AvgL	cd/m2
L_0~180 (65) av	51110
L_0~180 (75) av	43607
L_0~180 (85) av	28548
L_90~270 (65) av	52658
L_90~270 (75) av	47294
L_90~270 (85) av	36924
L_45 (65) av	52365
L_45 (75) av	47117
L_45 (85) av	41984

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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	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	597	597	597	597	597	597	597	597	598	598	598	599	597	597	597	597	597	597	597
5	594	594	594	594	594	595	595	596	596	596	596	597	595	595	595	595	595	595	595
10	586	587	587	587	587	588	588	589	589	590	590	590	587	587	588	588	588	588	588
15	573	574	574	575	575	576	577	578	578	579	579	579	575	575	576	576	577	576	577
20	556	557	557	558	558	560	560	562	562	563	563	563	559	558	560	560	561	560	560
25	533	535	535	537	537	539	539	541	541	542	542	542	537	537	539	539	540	539	539
30	507	508	508	510	510	513	513	515	515	517	516	517	511	511	513	513	514	513	513
35	476	477	477	480	480	482	482	485	485	487	486	487	481	481	484	483	485	483	483
40	441	440	442	442	445	446	448	449	451	452	452	453	444	447	448	449	449	448	447
45	402	402	403	404	406	406	409	410	412	413	414	413	406	408	409	411	410	410	408
50	359	359	361	361	363	364	366	368	370	372	373	372	364	366	368	369	369	368	367
55	313	313	315	316	317	319	321	323	325	327	328	327	319	321	324	323	324	322	322
60	264	265	266	267	268	270	272	274	277	278	279	279	271	273	276	276	277	276	274
65	212	214	214	217	217	220	220	224	225	228	227	228	220	221	226	224	227	223	225
70	160	162	162	166	166	169	170	174	175	178	176	177	168	170	174	175	177	175	175
75	109	111	112	117	117	120	120	124	126	128	126	125	117	118	124	126	128	124	125
80	61.5	63.8	66.7	71.5	71.5	72.5	72.0	76.2	78.7	81.9	78.7	76.8	68.1	70.9	77.5	80.4	81.6	77.9	77.2
85	22.7	25.2	28.3	32.5	31.7	29.8	29.9	33.7	37.6	40.8	37.5	35.0	27.0	30.2	36.3	39.7	40.1	35.8	34.5
90	3.46	5.45	7.94	9.82	6.83	2.69	0.69	3.89	8.68	12.7	10.5	7.84	3.52	5.47	8.72	10.8	8.26	3.52	0.76
95	2.51	3.75	5.70	5.91	1.69	0.44	0.47	0.49	2.19	7.12	6.34	3.93	1.64	3.45	5.47	6.28	1.98	0.44	0.34
100	1.46	1.76	1.05	0.49	0.48	0.53	0.50	0.49	0.53	0.57	1.27	2.01	0.98	1.20	0.67	0.34	0.33	0.33	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:0.9020A P:21.648W PF:1.0000 Freq:0Hz Lamp Flux:1754.83x1 lm		
NAME: 24-420-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	597	598	598	598	599														
5	595	595	595	595	595														
10	588	588	587	587	587														
15	576	576	575	575	573														
20	559	559	557	557	555														
25	537	537	535	535	533														
30	511	511	509	508	506														
35	481	481	478	477	474														
40	446	444	443	440	439														
45	408	405	404	401	399														
50	365	364	362	359	356														
55	319	319	315	314	309														
60	272	271	268	265	261														
65	220	221	216	215	208														
70	171	171	166	164	157														
75	121	122	117	114	106														
80	75.2	76.0	72.3	68.0	59.8														
85	33.4	35.4	33.4	29.6	22.6														
90	3.50	7.90	10.3	8.46	5.30														
95	0.38	1.28	4.83	5.34	3.77														
100	0.34	0.35	0.35	0.71	1.17														
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: