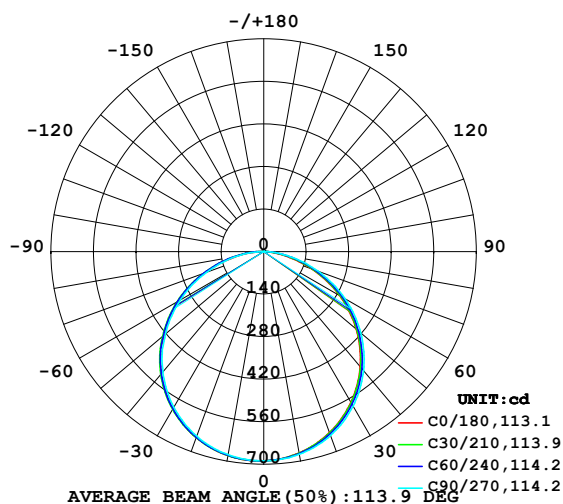


LUMINAIRE PHOTOMETRIC TEST REPORT

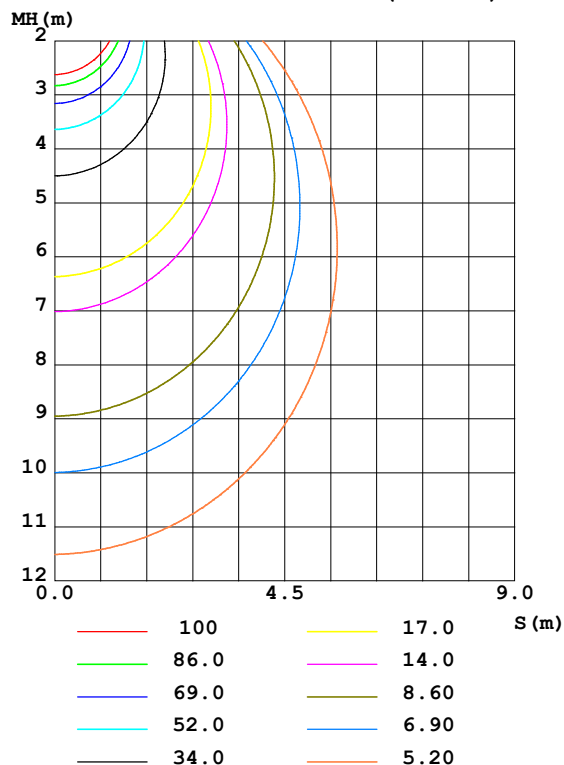
Test:U:24.000V I:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 75.03 lm/W			
MODEL		Imax(cd)	690.2	S/MH(C0/180)	1.29
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	2013.2	η UP,DN(C0-180)	0.1,49.6
NOMINAL FLUX(lm)	2013.23	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,50.2
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:

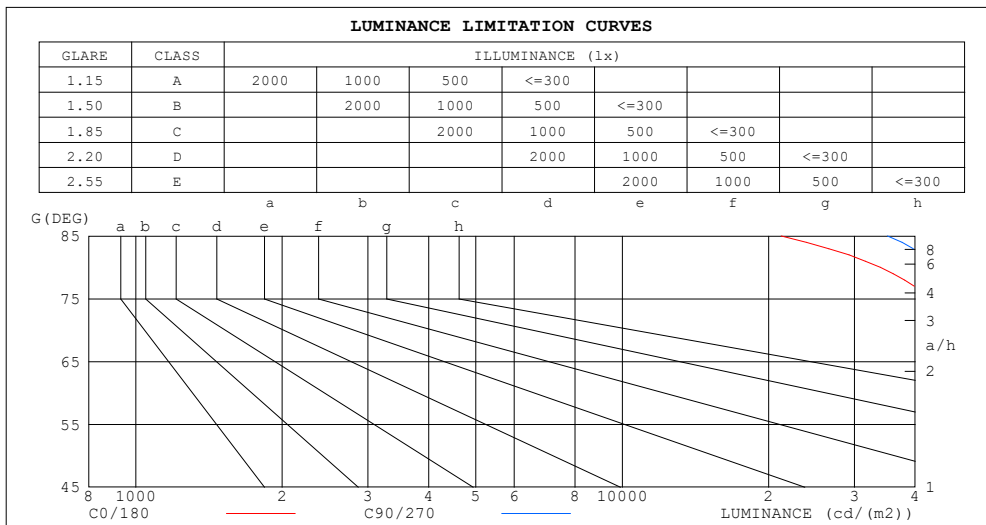
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	672.9	674.4	677.4	681.5	681.3	680.8	678.5	674.3	0- 10	65.23	65.23	3.24,3.24
20	633.8	637.5	643.7	651.6	650.6	650.6	646.2	637.2	10- 20	187.3	252.6	12.5,12.5
30	573.6	579.0	587.8	599.1	597.7	598.3	591.6	579.0	20- 30	285.2	537.8	26.7,26.7
40	494.1	500.9	511.5	526.2	524.3	525.4	516.9	501.2	30- 40	345.8	883.6	43.9,43.9
50	397.8	403.4	416.9	432.8	430.7	434.5	422.4	406.6	40- 50	360.7	1244	61.8,61.8
60	288.1	294.5	308.6	326.5	323.8	328.5	316.0	297.8	50- 60	326.8	1571	78,78
70	168.9	178.6	190.8	210.5	206.1	211.7	200.8	181.6	60- 70	249.9	1821	90.5,90.5
80	58.97	73.75	78.29	99.54	89.14	101.4	88.12	77.52	70- 80	144.8	1966	97.6,97.6
90	3.454	11.08	0.5422	15.92	6.252	15.82	0.9329	11.18	80- 90	43.41	2009	99.8,99.8
100	1.284	0.6083	0.5483	0.9163	1.374	0.5621	0.3530	0.4129	90-100	3.969	2013	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0514	2013	100,100
120	0	0	0	0	0	0	0	0	110-120	0	2013	100,100
130	0	0	0	0	0	0	0	0	120-130	0	2013	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2013	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2013	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2013	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2013	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2013	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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	21201	35089
80	33959	45084
75	43052	51454
70	49379	55786
65	53937	59289
60	57617	61711
55	60036	63475
50	61886	64863
45	63338	65928

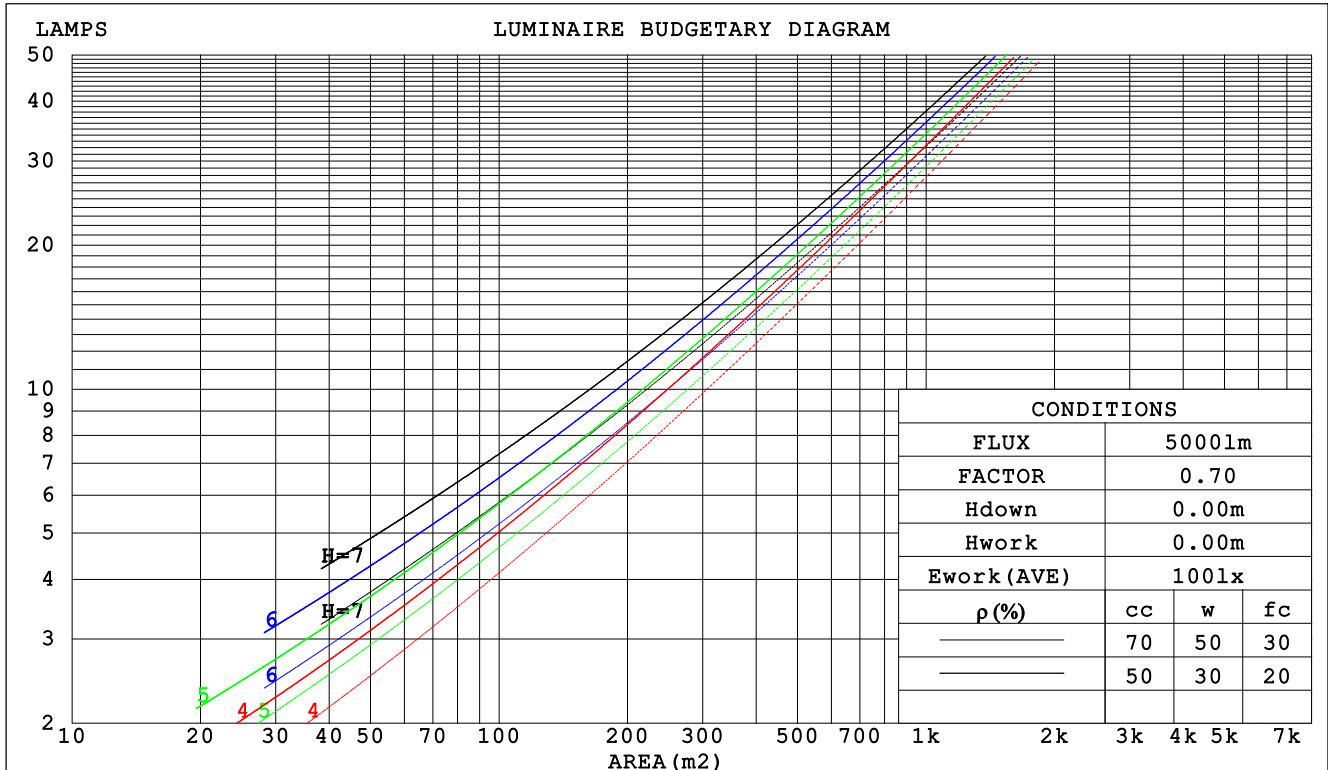
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: SENPU
 Test Date: 2021-07-22

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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	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	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.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	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm					
NAME: 24-420-30			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	.168	.054	.281	.162	.052	.270	.156	.050		
2.0	.295	.161	.050	.288	.159	.049	.276	.154	.048	.266	.149	.047	.255	.144	.046		
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041		
4.0	.251	.130	.038	.246	.129	.038	.237	.125	.037	.228	.122	.037	.220	.120	.036		
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.112	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.106	.031	.203	.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	.186	.091	.026	.183	.090	.026	.177	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.084	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.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	.136	.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	.076	.143	.100	.066	.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	.049	.130	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006		
6.0	.144	.084	.041	.124	.073	.035	.085	.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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm											
NAME: 24-420-30					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	26.9	28.4	27.2	28.6	28.8	27.2	28.7	27.4	28.9	29.1	
	28.3	29.7	28.6	29.9	30.2	28.7	30.1	29.0	30.3	30.6	
	28.8	30.1	29.1	30.4	30.6	29.3	30.6	29.6	30.9	31.1	
	29.1	30.3	29.4	30.6	30.9	29.7	31.0	30.0	31.2	31.5	
	29.1	30.3	29.5	30.6	30.9	29.8	31.0	30.2	31.3	31.6	
	29.1	30.3	29.5	30.6	30.9	29.9	31.0	30.2	31.3	31.7	
4H	2H	27.5	28.9	27.8	29.1	29.4	27.7	29.1	28.0	29.3	29.6
	3H	29.1	30.2	29.4	30.5	30.8	29.4	30.6	29.7	30.9	31.2
	4H	29.7	30.7	30.0	31.1	31.4	30.1	31.2	30.5	31.5	31.9
	6H	30.1	31.0	30.5	31.4	31.7	30.7	31.6	31.1	32.0	32.3
	8H	30.2	31.1	30.6	31.4	31.8	30.8	31.7	31.2	32.1	32.5
	12H	30.2	31.0	30.6	31.4	31.8	30.9	31.8	31.4	32.1	32.6
8H	4H	29.9	30.8	30.3	31.2	31.6	30.3	31.2	30.7	31.6	32.0
	6H	30.5	31.2	30.9	31.6	32.0	31.0	31.8	31.5	32.2	32.6
	8H	30.6	31.3	31.1	31.7	32.2	31.3	31.9	31.7	32.4	32.8
	12H	30.7	31.3	31.2	31.7	32.2	31.4	32.0	31.9	32.5	32.9
12H	4H	29.9	30.8	30.4	31.2	31.6	30.3	31.2	30.8	31.5	32.0
	6H	30.5	31.2	31.0	31.6	32.1	31.1	31.7	31.5	32.1	32.6
	8H	30.7	31.3	31.2	31.7	32.2	31.3	31.9	31.8	32.4	32.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					

CIE Pub.117, 2013 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.4$)

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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

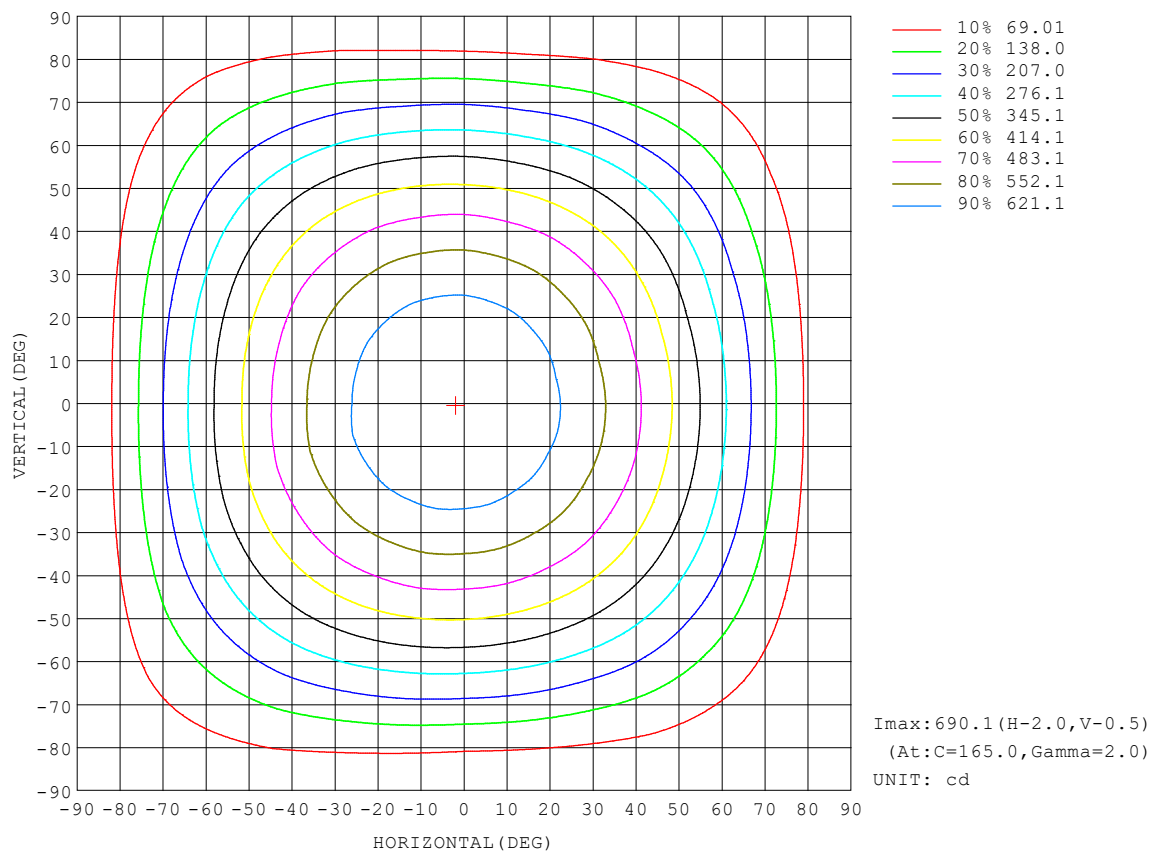
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

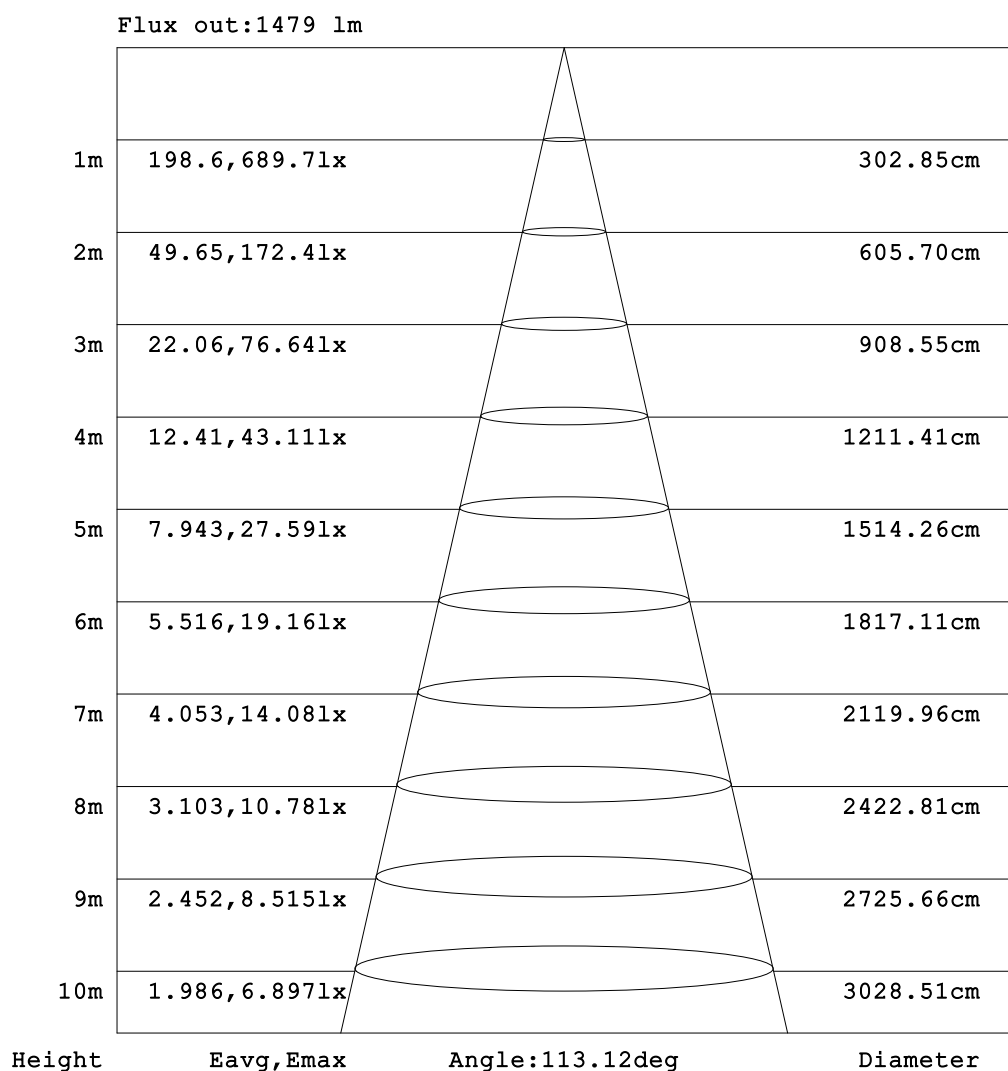


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:SENPU
Test Date:2021-07-22

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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



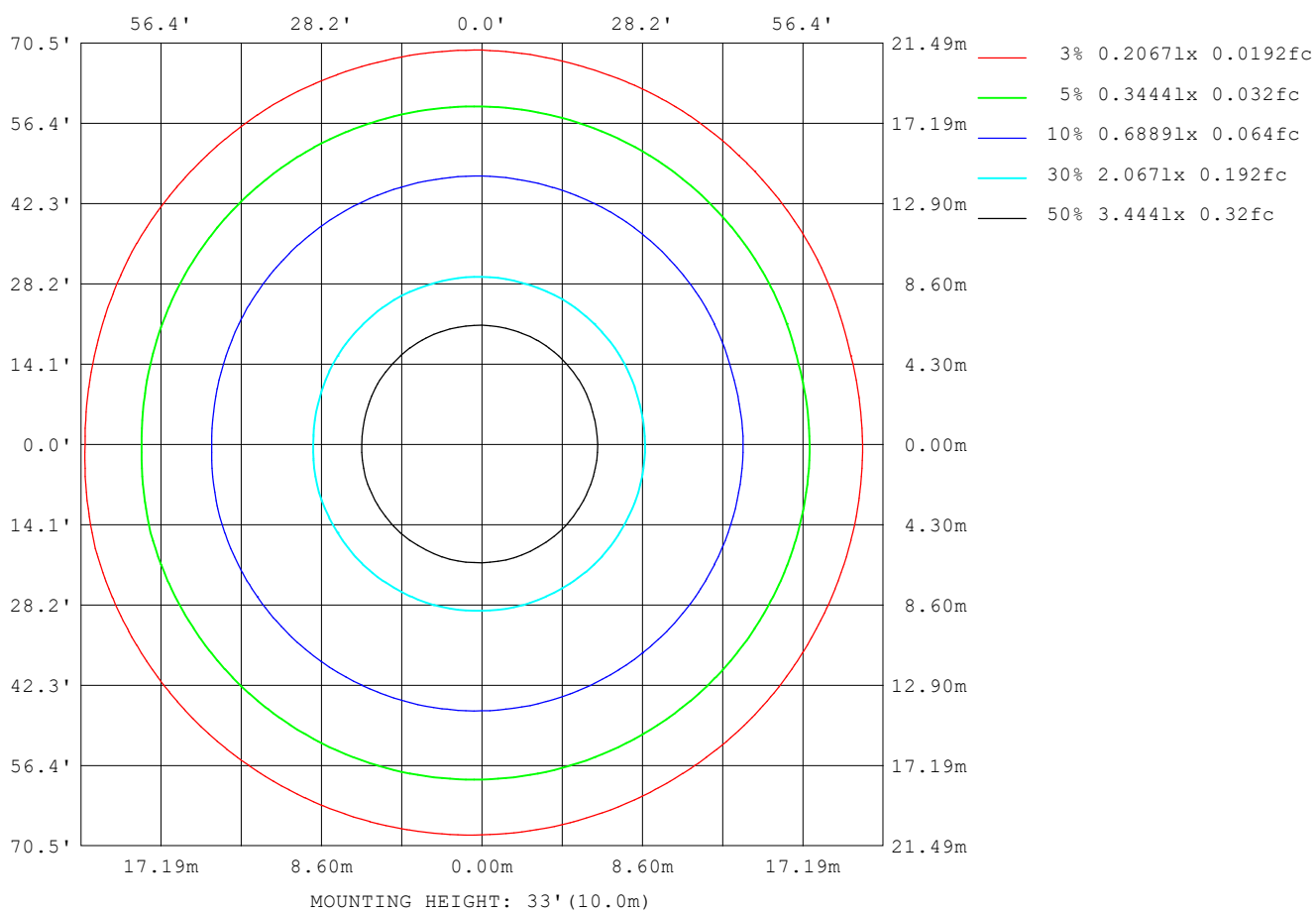
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

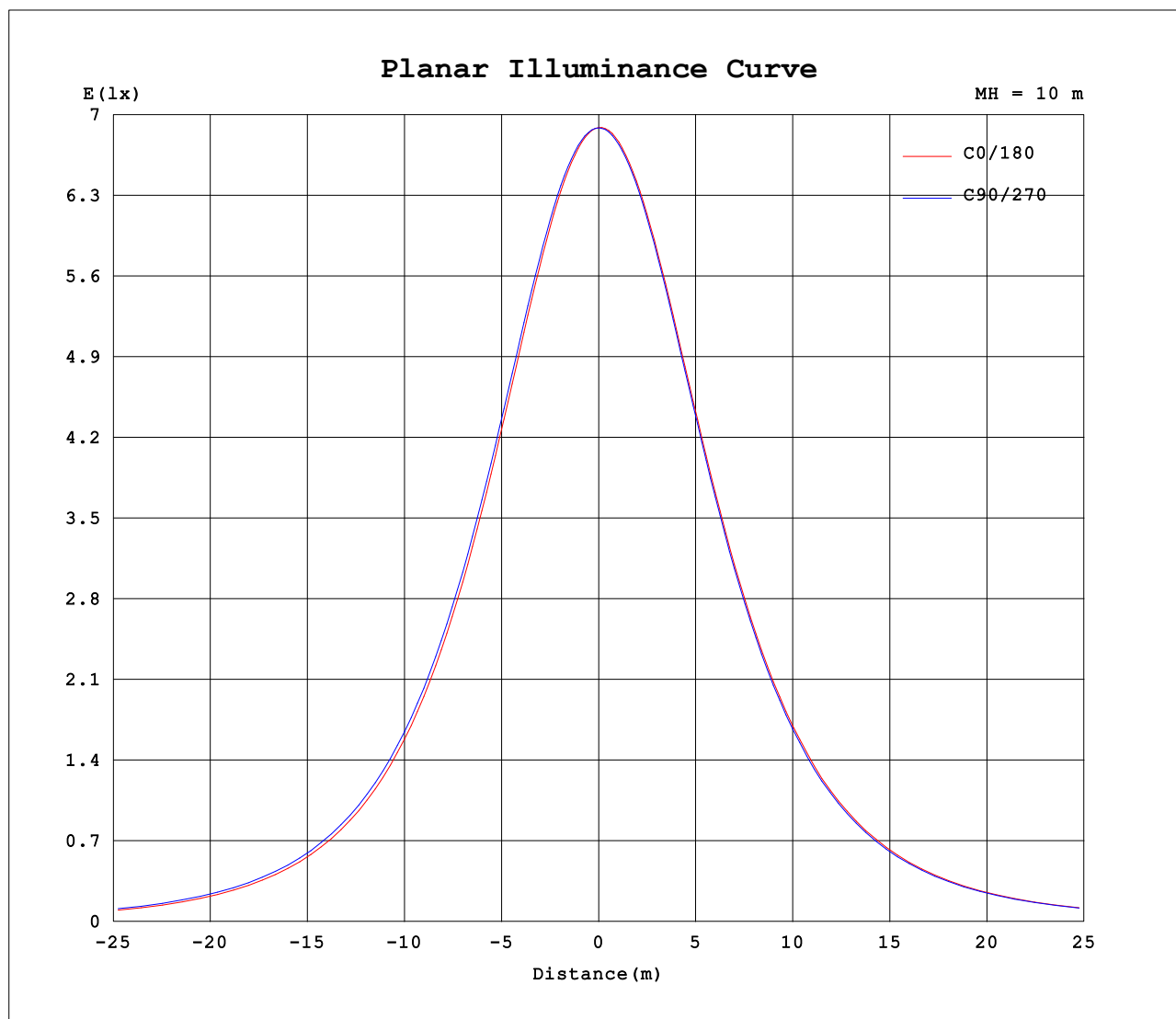
AvgL	cd/m2
L_0~180 (65) av	58426
L_0~180 (75) av	49765
L_0~180 (85) av	32911
L_90~270 (65) av	60291
L_90~270 (75) av	53409
L_90~270 (85) av	39867
L_45 (65) av	60128
L_45 (75) av	53979
L_45 (85) av	48768

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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	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	689	689	689	689	689	689	689	689	689	689	689	690	689	689	689	689	689	689	689
5	684	684	684	684	684	685	686	687	687	688	689	689	688	688	688	688	687	687	686
10	673	673	673	674	675	677	677	679	680	681	682	683	681	681	681	681	681	679	679
15	656	657	657	659	660	662	663	666	667	669	670	672	669	669	669	669	668	667	665
20	634	635	635	637	639	642	644	647	649	652	652	654	651	651	652	651	650	648	646
25	606	608	608	611	612	616	618	622	625	628	629	631	627	627	628	627	627	624	622
30	574	575	575	579	581	585	588	593	595	599	600	603	598	598	600	598	598	594	592
35	536	538	538	542	544	549	552	557	560	565	566	569	563	564	566	564	564	559	557
40	494	496	496	501	503	508	511	518	521	526	527	530	524	525	527	525	525	520	517
45	448	448	450	455	457	463	466	473	477	483	484	487	481	481	484	482	481	476	473
50	398	398	400	403	407	411	417	422	428	433	436	437	431	433	435	434	431	428	422
55	344	345	347	350	354	359	364	370	376	381	385	386	379	381	383	383	380	375	371
60	288	289	291	295	298	303	309	315	321	327	330	332	324	326	329	329	326	321	316
65	228	230	231	237	240	245	251	257	263	269	272	274	266	268	272	271	269	263	259
70	169	171	173	179	181	187	191	199	204	210	212	214	206	207	213	212	211	204	201
75	111	114	117	124	126	131	133	141	147	153	153	155	146	148	154	155	154	147	143
80	59.0	61.9	66.7	73.7	74.7	76.8	78.3	86.3	92.4	99.5	98.2	97.8	89.1	91.9	99.4	101	99.6	92.3	88.1
85	18.5	21.5	26.0	31.4	30.8	30.1	30.6	37.6	44.2	51.2	49.4	47.3	38.9	42.8	50.4	52.9	50.5	42.8	38.9
90	3.45	5.65	9.16	11.1	7.48	2.60	0.54	3.84	9.30	15.9	14.3	11.5	6.25	9.12	14.0	15.8	11.4	4.31	0.93
95	2.70	4.65	6.34	5.52	1.08	0.50	0.52	0.50	2.77	7.49	7.50	4.86	2.02	4.40	7.25	7.85	3.04	0.43	0.35
100	1.28	1.28	1.04	0.61	0.56	0.55	0.55	0.74	0.66	0.92	2.55	2.40	1.37	2.15	1.89	0.56	0.39	0.37	0.35
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:1.1180A P:26.832W PF:1.0000 Freq:0Hz Lamp Flux:2013.23x1 lm		
NAME: 24-420-30	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	689	689	689	689	690														
5	685	685	684	684	684														
10	677	676	674	674	673														
15	663	661	659	658	655														
20	643	641	637	636	632														
25	618	615	611	608	605														
30	587	584	579	576	572														
35	551	548	542	539	534														
40	511	508	501	498	492														
45	466	463	456	451	445														
50	417	412	407	401	395														
55	364	360	353	348	340														
60	310	305	298	292	285														
65	251	248	240	235	225														
70	194	190	182	176	166														
75	137	134	127	120	110														
80	83.3	82.4	77.5	69.8	59.0														
85	35.7	36.8	34.5	28.5	19.8														
90	2.99	7.69	11.2	9.36	5.67														
95	0.41	0.92	3.96	5.75	4.19														
100	0.36	0.36	0.41	0.63	0.89														
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: