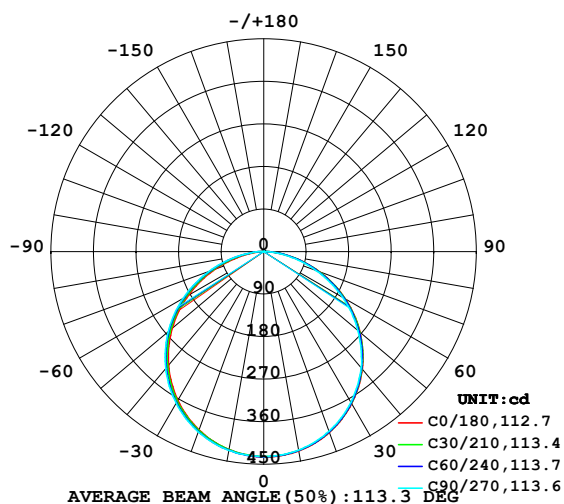


LUMINAIRE PHOTOMETRIC TEST REPORT

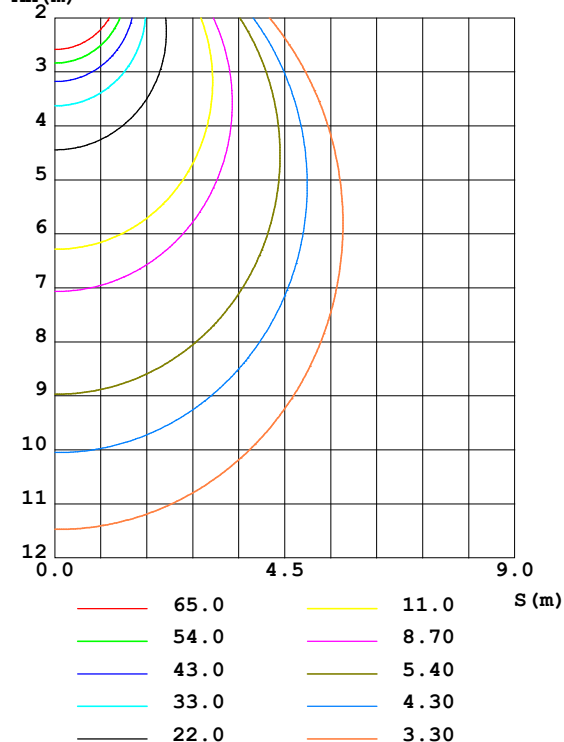
Test:U:24.000V I:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 56.16 lm/W			
MODEL		I _{max} (cd)	435.3	S/MH (C0/180)	1.25
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1257.4	η UP, DN (C0-180)	0.1, 50.0
NOMINAL FLUX (lm)	1257.45	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 49.8
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:

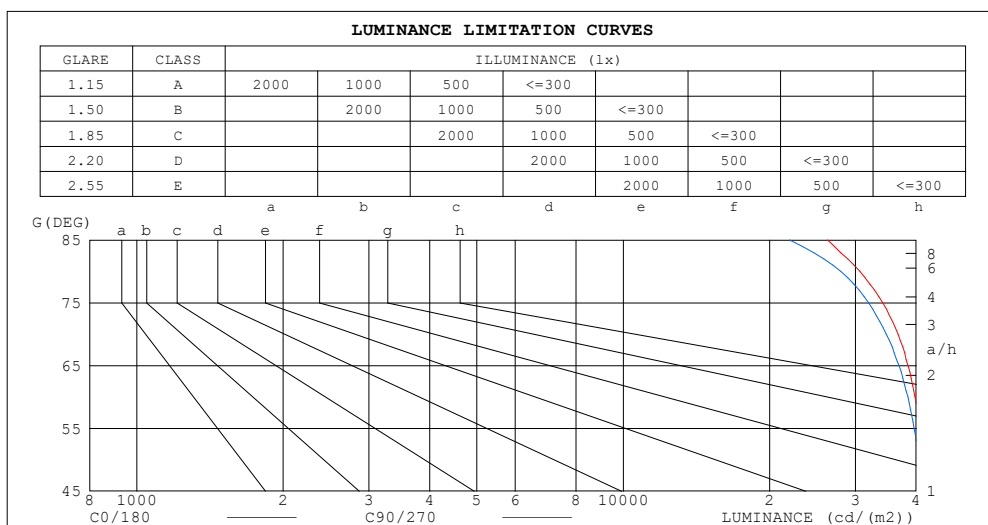
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	428.1	427.0	426.2	426.8	425.2	425.1	426.8	428.2	0- 10	41.10	41.10	3.27,3.27
20	406.9	406.2	404.4	404.4	401.2	402.5	405.7	406.9	10- 20	117.9	159.0	12.6,12.6
30	371.9	371.2	368.6	367.9	363.6	366.3	370.5	371.8	20- 30	179.2	338.2	26.9,26.9
40	324.4	323.9	320.3	319.0	313.4	317.5	322.7	324.2	30- 40	216.7	554.9	44.1,44.1
50	266.1	265.6	260.4	259.2	253.0	257.9	264.0	265.7	40- 50	225.5	780.4	62.1,62.1
60	199.0	198.4	192.4	190.6	183.5	189.7	196.6	198.8	50- 60	204.2	984.6	78.3,78.3
70	125.6	125.7	118.7	117.0	108.8	117.1	123.4	126.1	60- 70	155.6	1140	90.7,90.7
80	53.24	56.64	48.62	49.16	38.14	49.33	52.66	57.30	70- 80	89.21	1229	97.8,97.8
90	4.049	8.607	0.4712	6.358	1.156	6.205	0.5612	8.644	80- 90	25.68	1255	99.8,99.8
100	1.149	0.5107	0.4206	0.4732	0.4654	0.3229	0.2854	0.3978	90-100	2.319	1257	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0311	1257	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1257	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1257	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1257	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1257	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1257	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1257	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1257	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:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



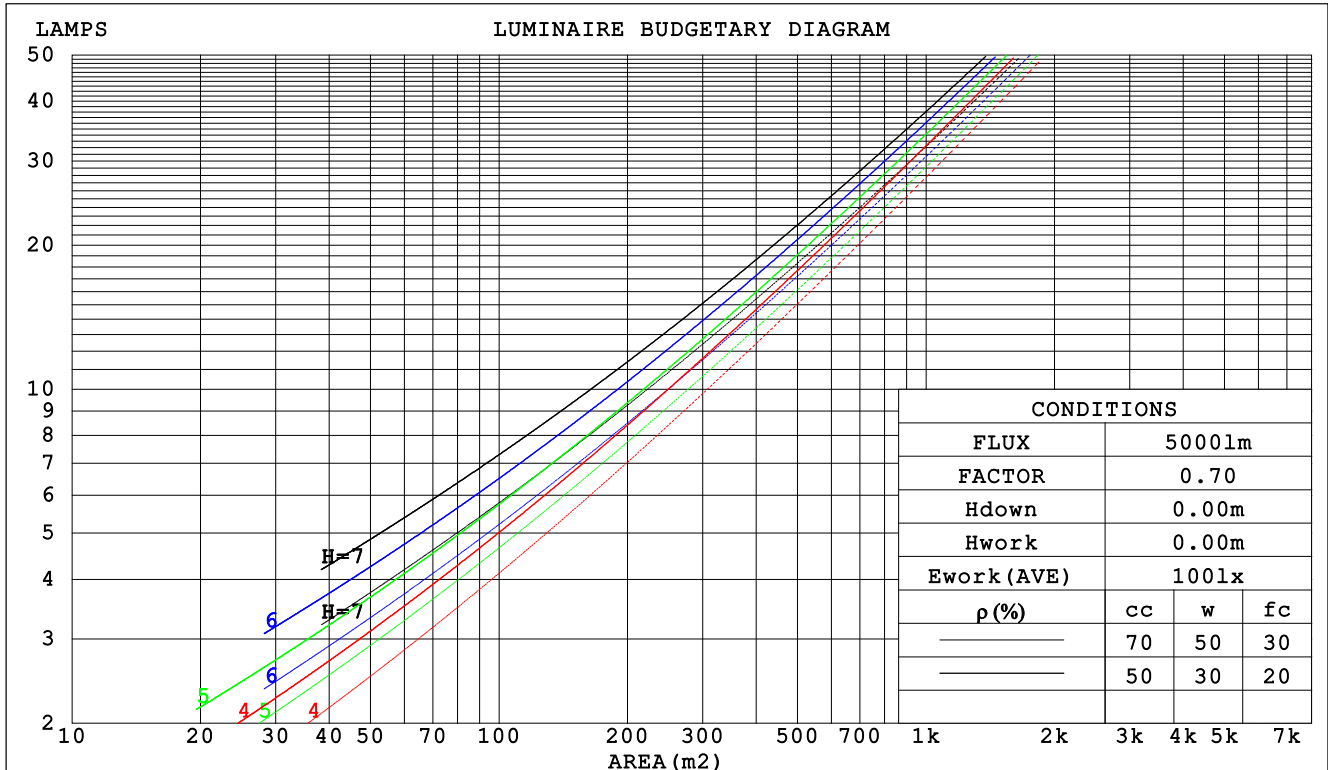
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-22

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:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	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	.90	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.74	.68	.63	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.35	.47	.40	.35	.46	.40	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.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:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm					
NAME: 24-420-18			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	.178	.056	.305	.174	.055	.292	.167	.053	.280	.161	.052	.268	.155	.050		
2.0	.293	.161	.049	.287	.158	.049	.275	.153	.048	.264	.148	.046	.254	.144	.045		
3.0	.271	.144	.043	.266	.142	.043	.255	.138	.042	.246	.135	.041	.237	.131	.041		
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.231	.118	.034	.227	.116	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.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	.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	.076	.142	.100	.066	.098	.069	.046	.056	.041	.027	.018	.013	.009	
4.0	.159	.102	.060	.136	.089	.052	.094	.062	.036	.054	.036	.022	.017	.012	.007	
5.0	.151	.092	.049	.130	.080	.042	.089	.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	.081	.047	.021	.047	.028	.013	.015	.009	.004	
8.0	.131	.071	.030	.112	.062	.026	.078	.043	.019	.045	.026	.011	.015	.008	.004	
9.0	.125	.066	.027	.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:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm										
NAME: 24-420-18					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	25.8	27.4	26.1	27.6	27.8	25.7	27.2	26.0	27.5	27.7
3H	27.4	28.8	27.7	29.1	29.3	27.2	28.6	27.5	28.9	29.1
4H	28.0	29.4	28.4	29.6	29.9	27.8	29.2	28.1	29.4	29.7
6H	28.5	29.8	28.8	30.0	30.3	28.2	29.5	28.6	29.8	30.1
8H	28.6	29.8	29.0	30.1	30.4	28.4	29.6	28.7	29.9	30.2
12H	28.7	29.9	29.1	30.2	30.5	28.4	29.6	28.8	29.9	30.2
4H 2H	26.5	27.8	26.8	28.1	28.3	26.4	27.7	26.7	28.0	28.2
3H	28.2	29.4	28.6	29.7	30.0	28.1	29.2	28.4	29.5	29.8
4H	29.0	30.0	29.3	30.4	30.7	28.8	29.9	29.2	30.2	30.5
6H	29.5	30.5	30.0	30.9	31.2	29.3	30.3	29.7	30.6	31.0
8H	29.7	30.6	30.2	31.0	31.4	29.5	30.4	29.9	30.8	31.2
12H	29.9	30.7	30.3	31.1	31.5	29.6	30.4	30.0	30.8	31.2
8H 4H	29.2	30.1	29.7	30.5	30.9	29.1	30.0	29.5	30.3	30.7
6H	30.0	30.7	30.4	31.1	31.6	29.8	30.5	30.2	30.9	31.4
8H	30.3	30.9	30.7	31.4	31.8	30.1	30.7	30.5	31.1	31.6
12H	30.5	31.1	31.0	31.5	32.0	30.2	30.8	30.7	31.2	31.7
12H 4H	29.3	30.1	29.7	30.5	30.9	29.1	29.9	29.5	30.3	30.7
6H	30.1	30.7	30.5	31.1	31.6	29.9	30.5	30.3	31.0	31.4
8H	30.4	31.0	30.9	31.4	31.9	30.2	30.7	30.7	31.2	31.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1257 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:24.000V I:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

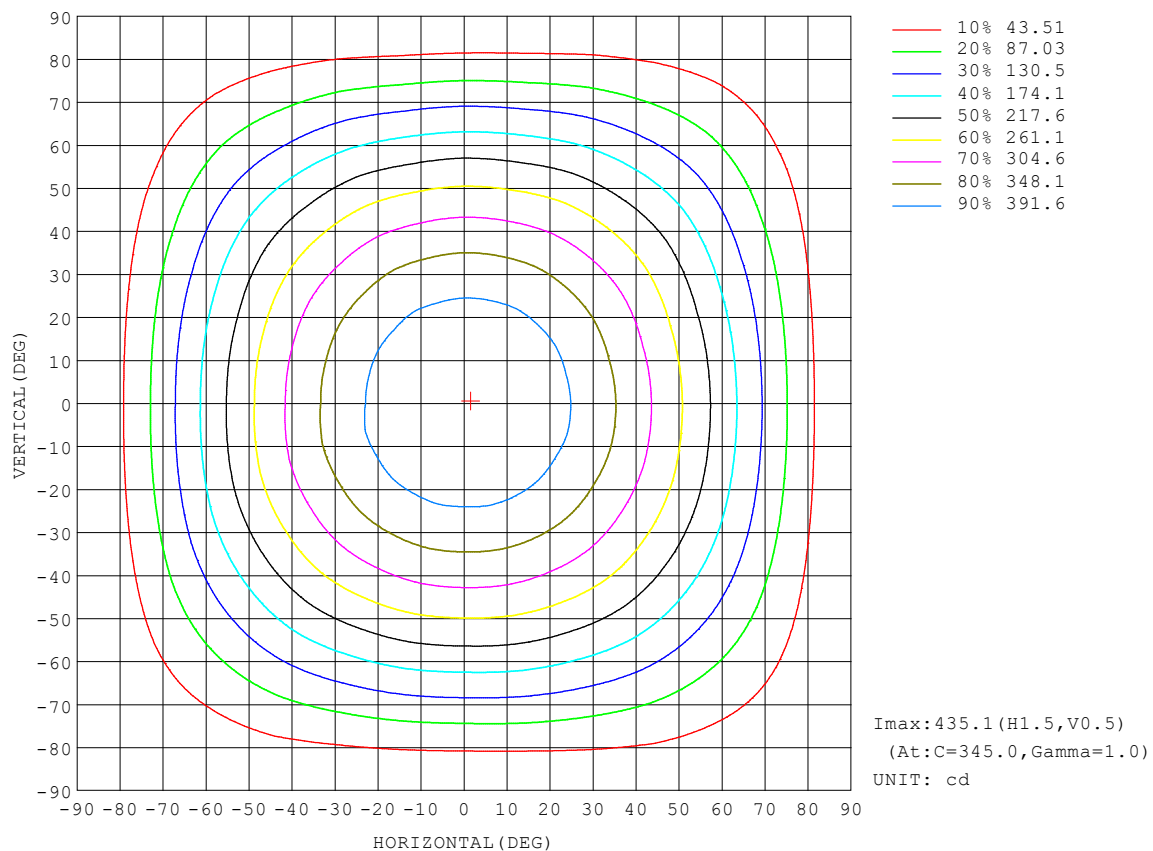
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	65	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	89	100	94	88	96	91	86	78
4.00	106	100	96	104	98	94	99	95	91	83
5.00	108	104	99	106	102	98	101	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:24.000V I:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

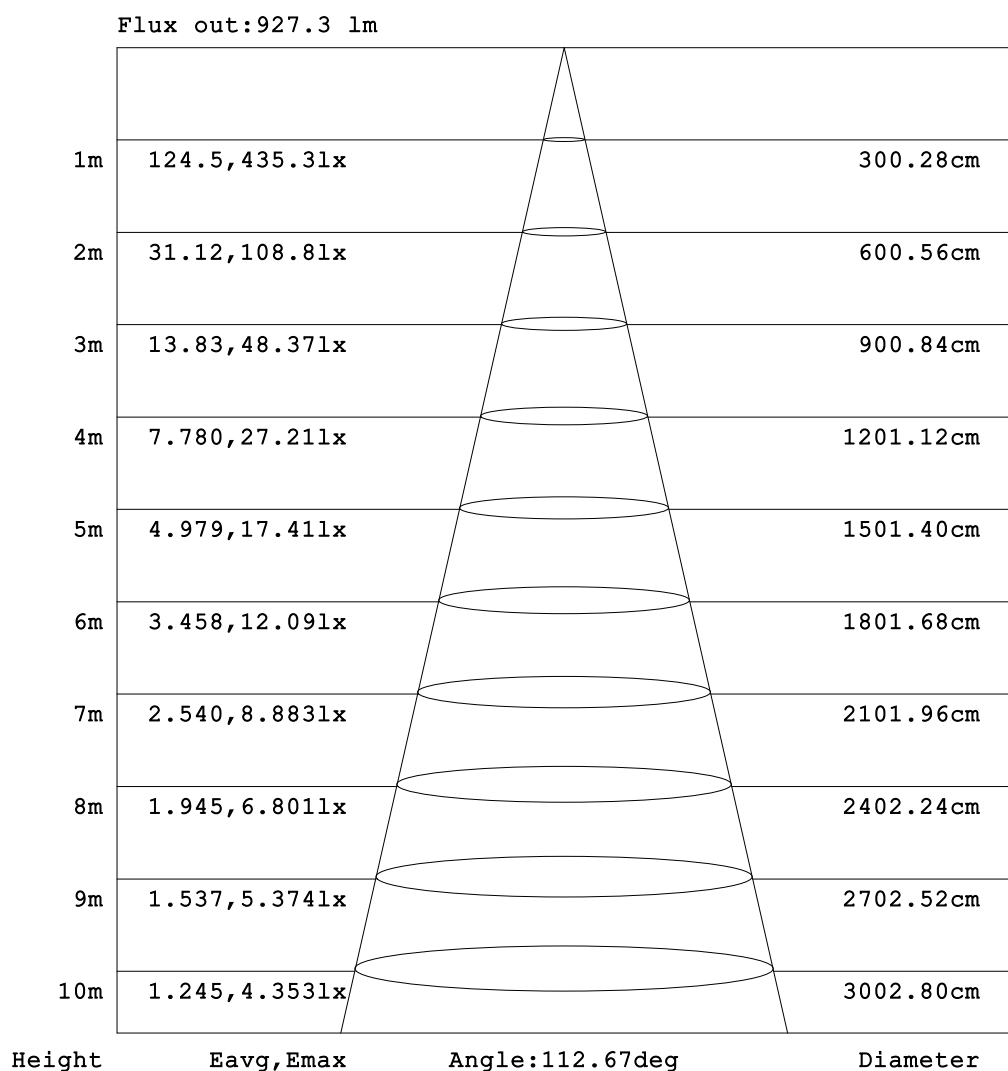


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:SENPU
Test Date:2021-07-22

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:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



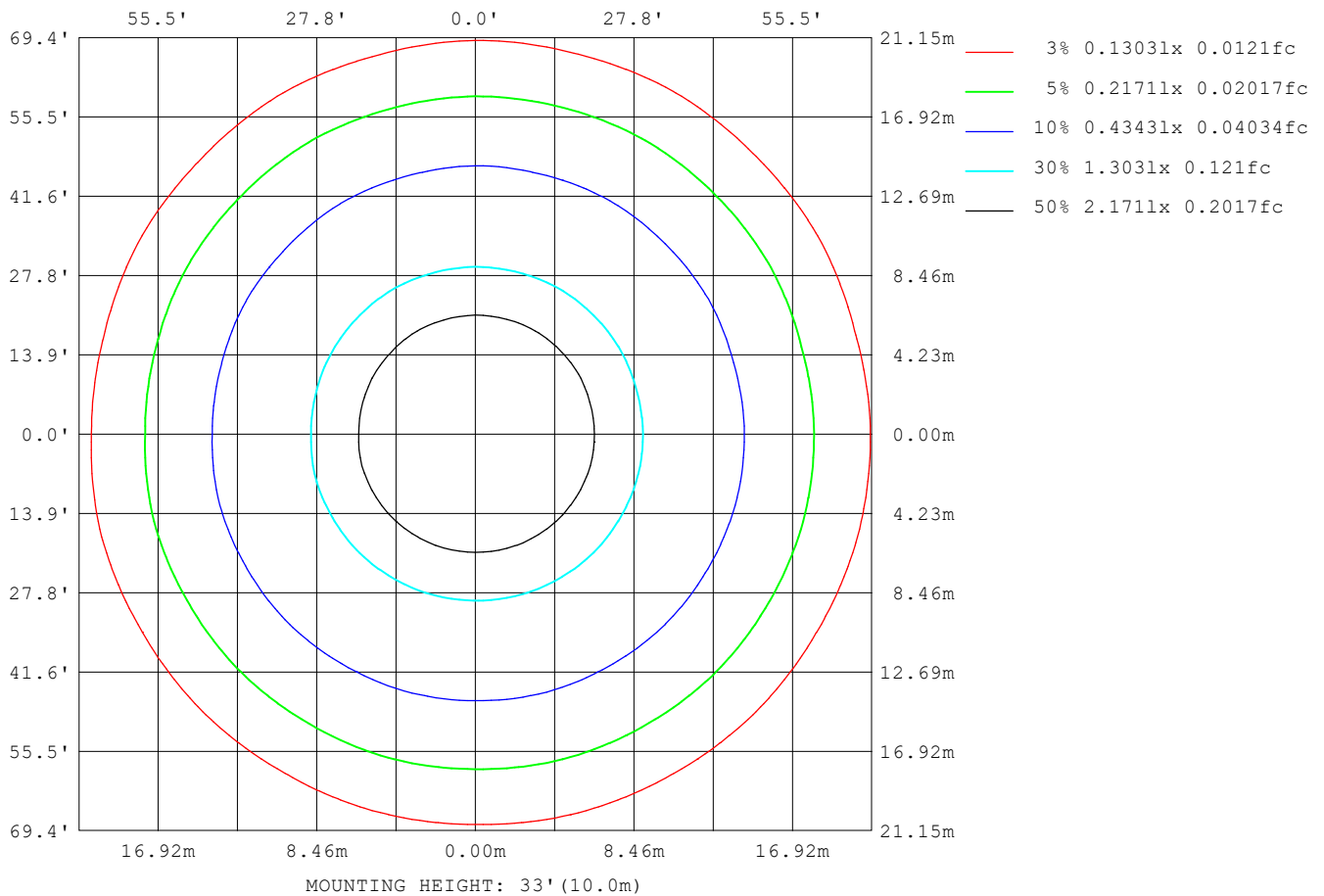
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	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:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

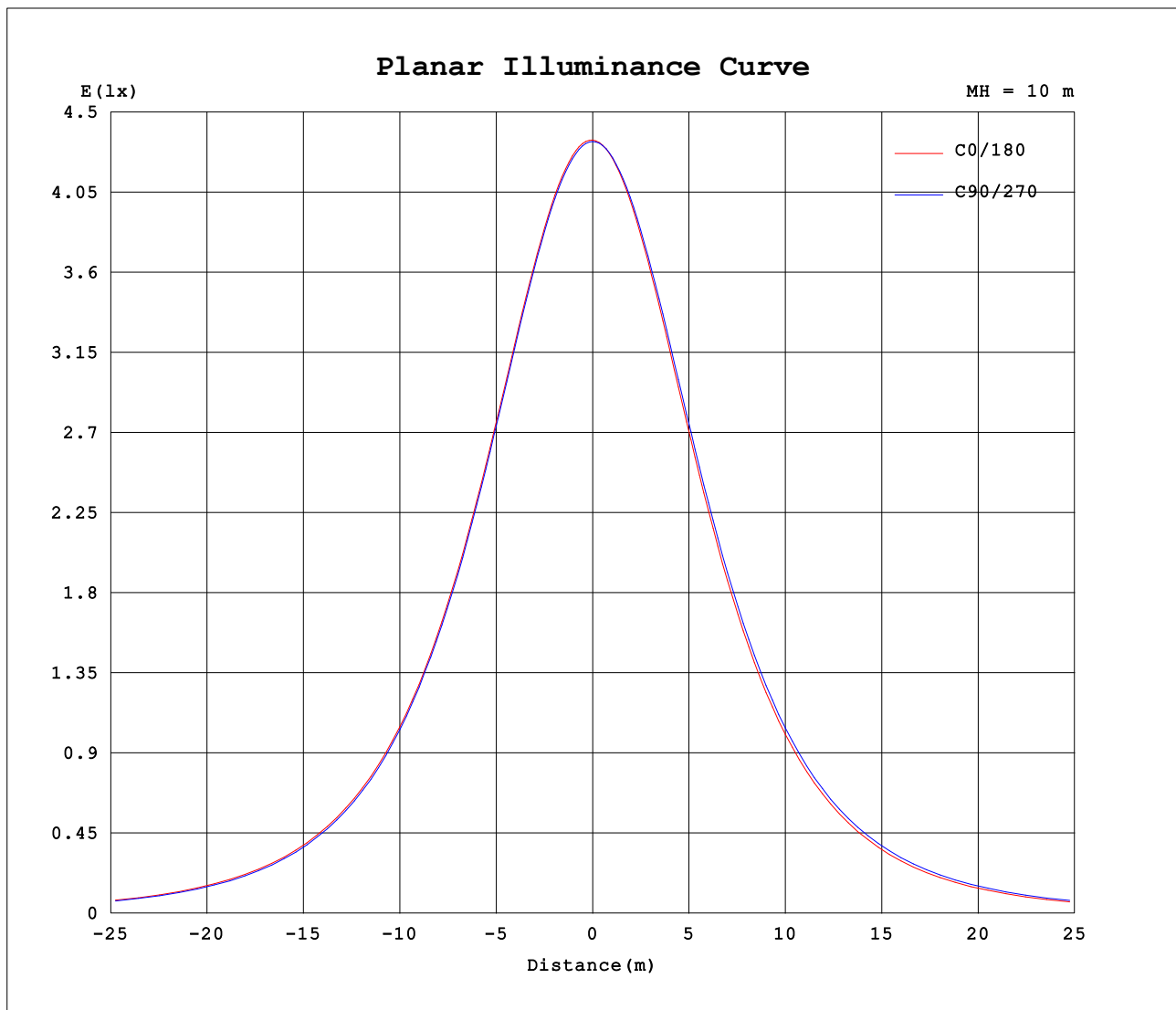
AvgL	cd/m2
L_0~180 (65) av	36599
L_0~180 (75) av	30940
L_0~180 (85) av	19571
L_90~270 (65) av	37414
L_90~270 (75) av	32805
L_90~270 (85) av	23783
L_45 (65) av	37367
L_45 (75) av	33022
L_45 (85) av	28553

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:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	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	434	434	433	433	434	433	433	434	435	435	435	435	434	434	433	433	434	433	433
5	433	433	432	432	432	432	432	432	432	433	432	433	432	431	431	431	432	432	432
10	428	428	427	427	427	427	426	427	427	427	426	427	425	425	425	425	427	426	427
15	419	420	418	418	418	418	417	418	417	417	417	417	415	415	416	416	418	417	418
20	407	407	406	406	406	406	404	405	404	404	403	404	401	401	402	402	405	404	406
25	391	392	390	390	390	390	388	389	388	388	387	387	384	384	386	386	389	388	390
30	372	372	371	371	370	370	369	369	368	368	367	367	364	364	366	366	369	369	371
35	350	350	349	349	348	348	346	346	345	345	343	344	340	340	343	343	346	346	348
40	324	325	324	324	323	322	320	320	319	319	317	318	313	314	317	317	321	321	323
45	297	297	296	296	294	294	292	292	290	291	288	289	284	285	288	289	292	292	294
50	266	267	265	266	264	263	260	261	259	259	257	258	253	254	257	258	262	261	264
55	234	235	233	233	231	230	227	228	225	226	224	224	219	220	224	224	229	228	231
60	199	200	198	198	196	195	192	192	190	191	188	189	184	185	189	190	194	193	197
65	163	164	162	162	160	159	156	156	154	154	152	152	147	147	152	153	158	157	160
70	126	127	125	126	123	122	119	119	117	117	114	114	109	110	115	117	121	121	123
75	88.3	89.6	88.7	89.7	87.4	85.8	82.7	82.6	81.2	81.3	78.1	77.3	71.8	73.3	79.0	81.1	84.9	84.0	87.1
80	53.2	54.6	54.8	56.6	54.2	51.7	48.6	48.7	48.3	49.2	45.5	43.6	38.1	40.3	46.1	49.3	51.6	50.6	52.7
85	22.9	24.7	26.2	28.1	25.4	21.2	19.1	19.5	20.0	21.5	18.3	15.9	11.2	13.6	18.6	21.6	22.5	21.0	22.3
90	4.05	5.62	7.27	8.61	5.74	2.24	0.47	1.56	3.84	6.36	5.04	2.88	1.16	2.68	4.78	6.20	4.12	1.58	0.56
95	1.74	2.64	4.22	4.46	1.56	0.41	0.40	0.42	0.84	3.53	3.68	2.27	0.96	2.08	3.30	2.92	0.71	0.35	0.32
100	1.15	1.44	1.15	0.51	0.43	0.39	0.42	0.43	0.46	0.47	0.57	0.71	0.47	0.50	0.37	0.32	0.32	0.29	0.29
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:0.9330A P:22.392W PF:1.0000 Freq:0Hz Lamp Flux:1257.45x1 lm		
NAME: 24-420-18	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	434	435	435	435	435														
5	433	433	433	434	434														
10	427	428	428	429	428														
15	419	420	419	420	419														
20	406	407	407	407	406														
25	390	392	391	391	390														
30	371	372	372	372	371														
35	348	350	349	350	348														
40	323	325	324	325	323														
45	295	297	296	297	295														
50	264	267	266	267	264														
55	231	234	233	234	231														
60	197	199	199	200	197														
65	160	164	162	164	160														
70	124	127	126	127	123														
75	87.3	90.7	89.9	89.9	86.2														
80	53.5	57.1	57.3	55.8	51.9														
85	23.8	27.5	28.4	26.9	22.6														
90	2.53	6.28	8.64	7.67	5.17														
95	0.45	1.57	4.44	4.40	3.10														
100	0.31	0.30	0.40	0.84	1.31														
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: