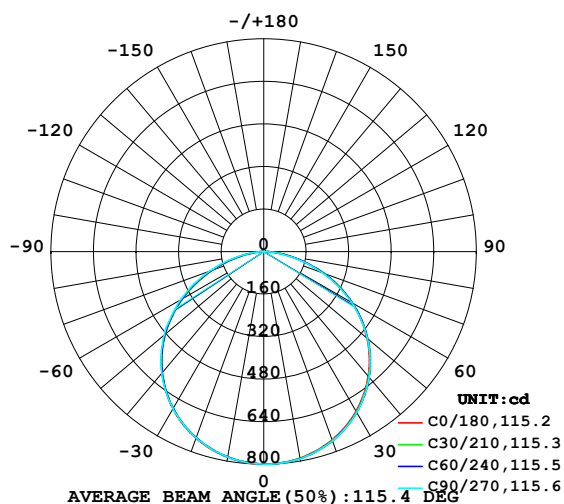


LUMINAIRE PHOTOMETRIC TEST REPORT

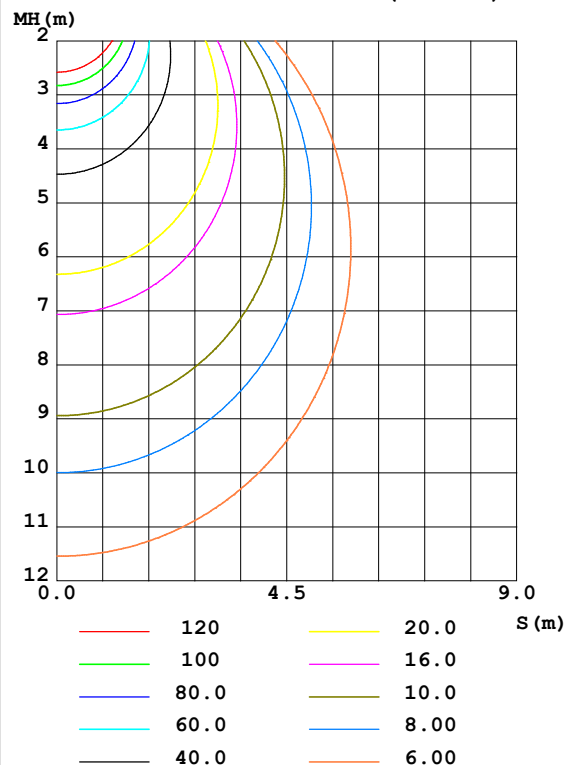
Test:U:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.13 lm/W			
MODEL		I _{max} (cd)	800.6	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	2347.3	η UP, DN (C0-180)	0.0, 50.9
NOMINAL FLUX (lm)	2347.33	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	100.0	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: 2021-07-21

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:

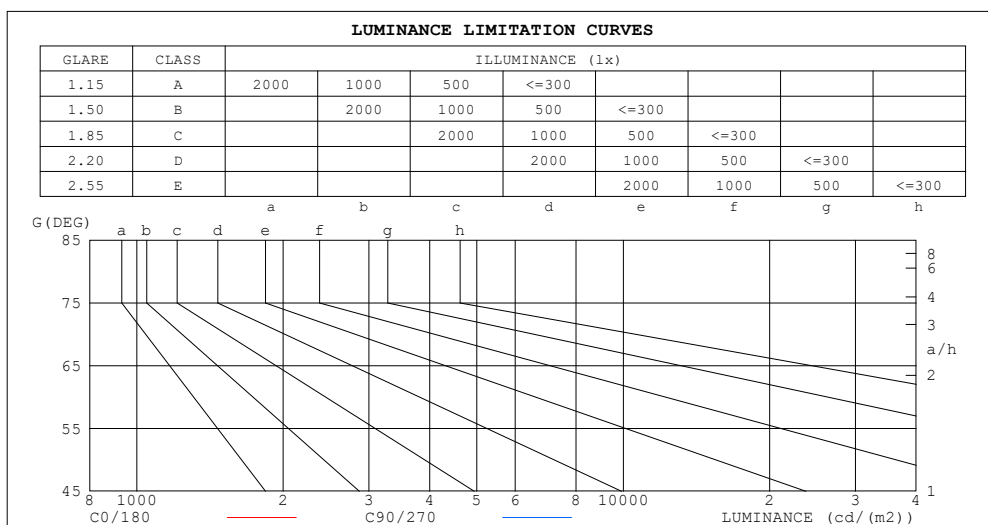
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	788.4	790.2	790.4	789.8	785.3	783.4	784.3	785.4	0- 10	75.73	75.73	3.23,3.23
20	752.9	756.9	757.1	755.1	746.5	743.0	745.2	747.1	10- 20	218.0	293.7	12.5,12.5
30	693.6	699.1	698.9	695.3	683.0	679.4	682.4	685.4	20- 30	333.4	627.1	26.7,26.7
40	611.3	617.6	616.3	611.0	595.6	591.9	596.9	600.5	30- 40	406.9	1034	44,44
50	507.1	513.2	509.8	503.2	485.4	481.9	489.6	494.6	40- 50	427.4	1461	62.3,62.3
60	382.6	385.2	380.7	370.9	351.9	351.6	359.8	368.4	50- 60	388.9	1850	78.8,78.8
70	242.0	243.0	234.5	224.6	206.4	205.2	218.0	226.0	60- 70	294.8	2145	91.4,91.4
80	101.9	101.4	91.38	83.79	68.56	71.42	81.32	89.84	70- 80	161.9	2307	98.3,98.3
90	8.066	6.518	0.7343	2.313	0.3828	0.8932	0.5371	5.037	80- 90	39.23	2346	100,100
100	1.059	0.8111	0.6534	0.9388	0.3605	0.2929	0.2929	0.3079	90-100	1.138	2347	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0302	2347	100,100
120	0	0	0	0	0	0	0	0	110-120	0	2347	100,100
130	0	0	0	0	0	0	0	0	120-130	0	2347	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2347	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2347	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2347	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2347	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2347	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:2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	49384	39152
80	58657	52624
75	65523	61888
70	70745	68566
65	74341	73240
60	76530	76131
55	77959	78062
50	78889	79303
45	79465	80042

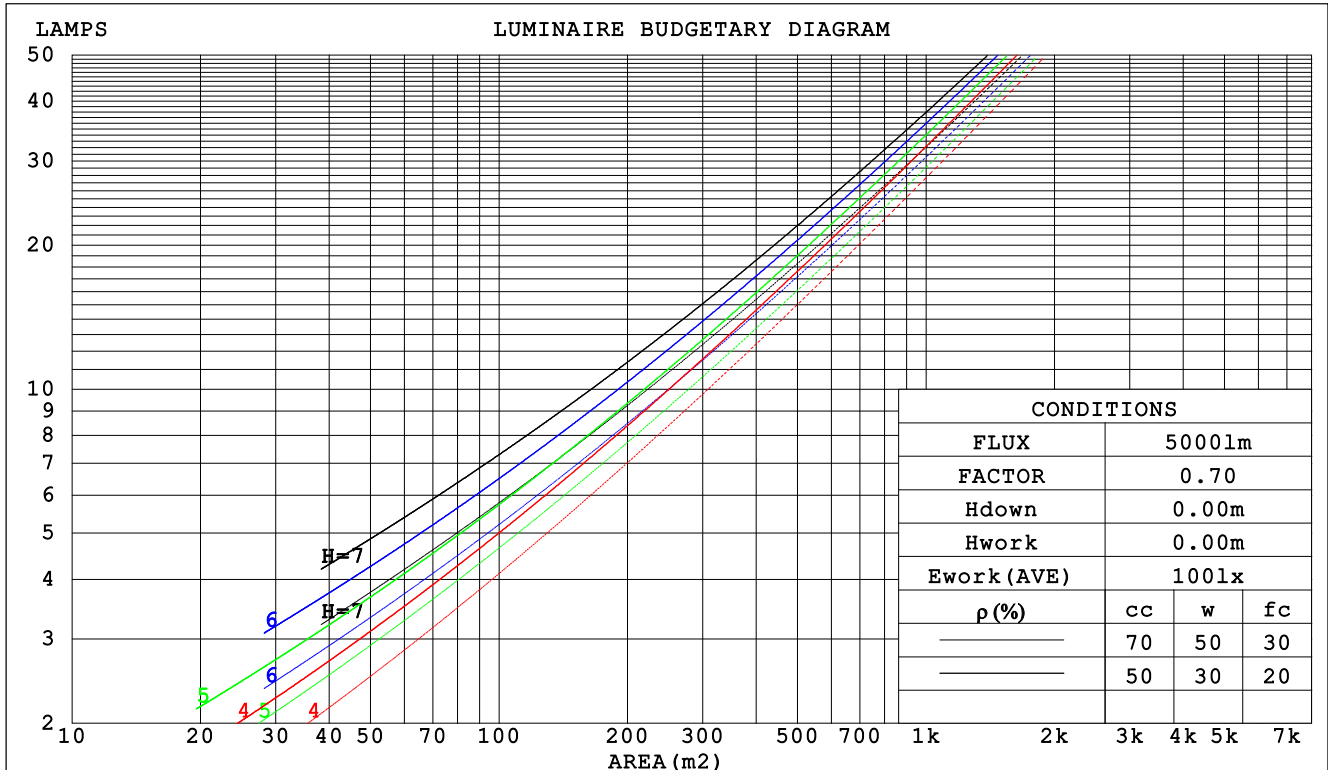
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:SENPU
Test Date:2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	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	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.90	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.53	.47	.61	.53	.47	.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	.28	.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: 2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm								
NAME: 24-M-120-56				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	.308	.175	.056	.301	.172	.055	.288	.165	.053	.276	.159	.051	.265	.153	.049		
2.0	.292	.160	.049	.285	.157	.048	.274	.152	.047	.263	.147	.046	.253	.143	.045		
3.0	.270	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040		
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	.033	.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	.190	.096	.028	.183	.094	.027	.178	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.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	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.135	.155	.134	.116	.106	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.173	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.141	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.079	.041	.089	.055	.029	.051	.032	.017	.017	.011	.006	
6.0	.143	.083	.039	.123	.072	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.061	.025	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.065	.026	.106	.056	.022	.074	.040	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:SENPU
 Test Date:2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm											
NAME: 24-M-120-56					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	28.2	29.7	28.5	29.9	30.1	28.2	29.7	28.5	29.9	30.2	
	3H	29.8	31.2	30.1	31.4	31.7	29.7	31.2	30.0	31.4	31.6
	4H	30.4	31.8	30.7	32.0	32.3	30.3	31.7	30.6	31.9	32.2
	6H	30.9	32.1	31.2	32.4	32.7	30.7	32.0	31.0	32.2	32.5
	8H	31.0	32.2	31.3	32.5	32.8	30.8	32.0	31.1	32.3	32.6
	12H	31.1	32.2	31.4	32.5	32.8	30.8	32.0	31.2	32.3	32.6
4H	2H	28.8	30.2	29.2	30.4	30.7	28.8	30.2	29.2	30.4	30.7
	3H	30.6	31.8	31.0	32.1	32.4	30.6	31.7	30.9	32.0	32.3
	4H	31.4	32.4	31.7	32.7	33.1	31.3	32.3	31.6	32.7	33.0
	6H	31.9	32.9	32.3	33.2	33.6	31.8	32.7	32.2	33.1	33.4
	8H	32.1	33.0	32.5	33.4	33.8	31.9	32.8	32.3	33.2	33.6
	12H	32.2	33.1	32.7	33.4	33.8	32.0	32.8	32.4	33.2	33.6
8H	4H	31.6	32.5	32.0	32.9	33.3	31.5	32.4	32.0	32.8	33.2
	6H	32.3	33.1	32.8	33.5	33.9	32.2	32.9	32.6	33.3	33.8
	8H	32.6	33.3	33.1	33.7	34.1	32.4	33.1	32.9	33.5	34.0
	12H	32.8	33.4	33.3	33.8	34.3	32.6	33.1	33.0	33.6	34.1
12H	4H	31.6	32.4	32.1	32.8	33.2	31.6	32.4	32.0	32.8	33.2
	6H	32.4	33.0	32.9	33.5	33.9	32.3	32.9	32.7	33.3	33.8
	8H	32.7	33.3	33.2	33.7	34.2	32.5	33.1	33.0	33.5	34.0
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 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117, 2347 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.0$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: SENPU
 Test Date: 2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

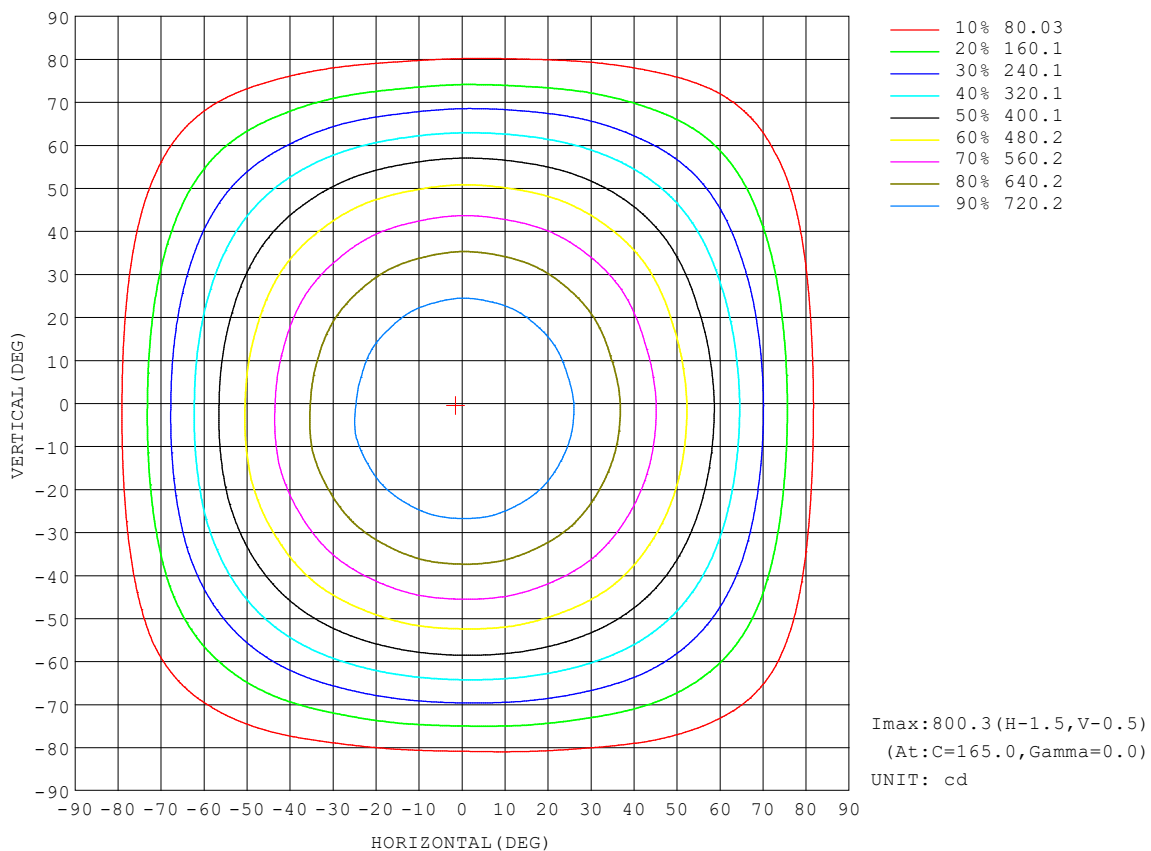
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	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: 2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

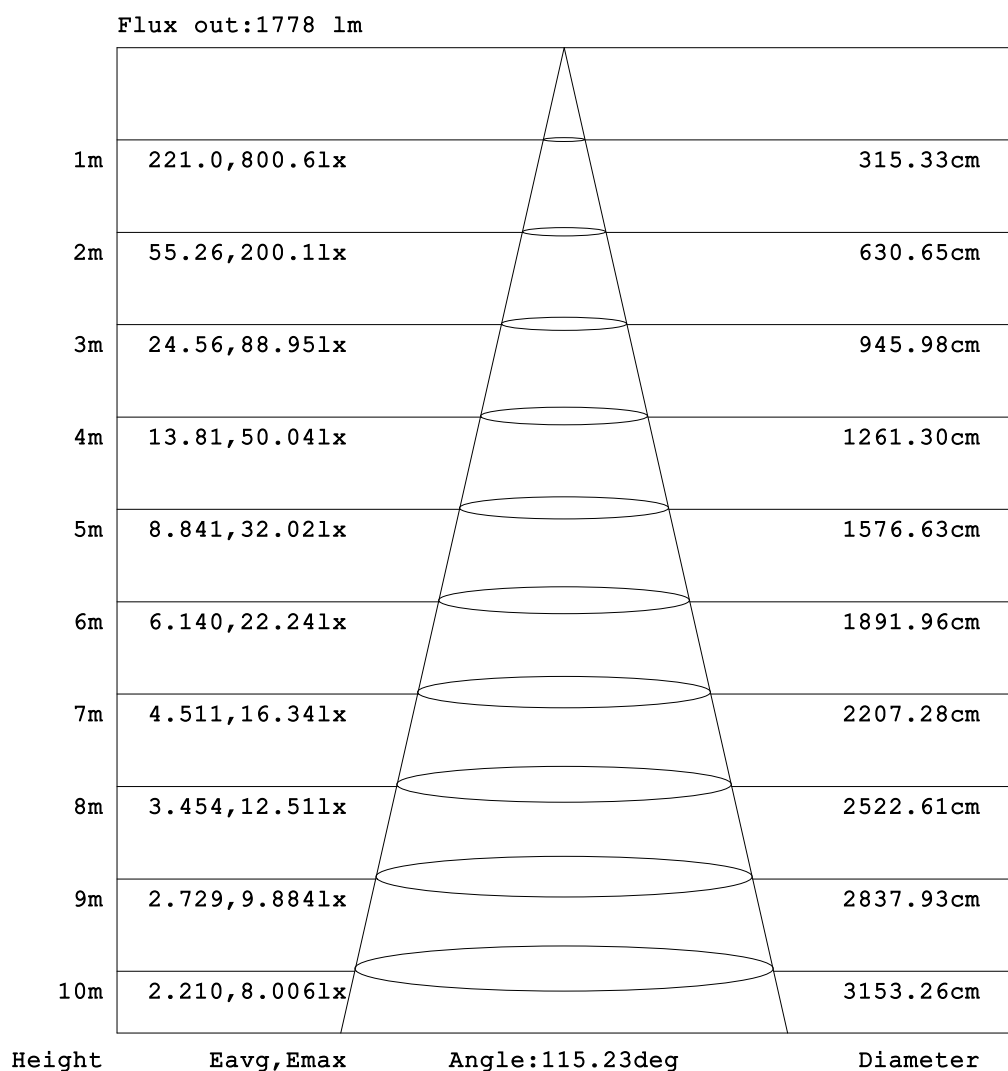


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:SENPU
Test Date:2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



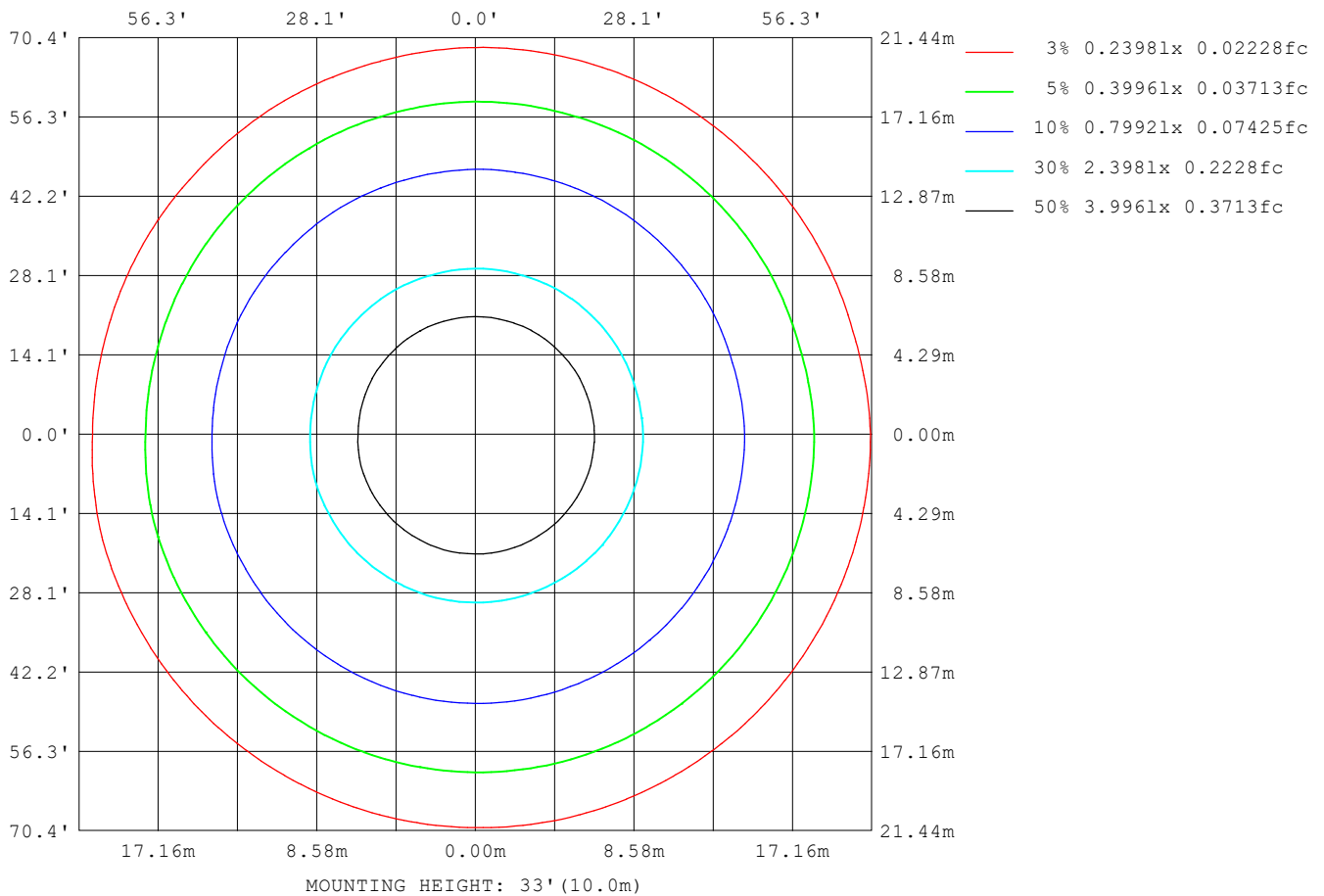
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:SENPU
 Test Date:2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	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: 2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

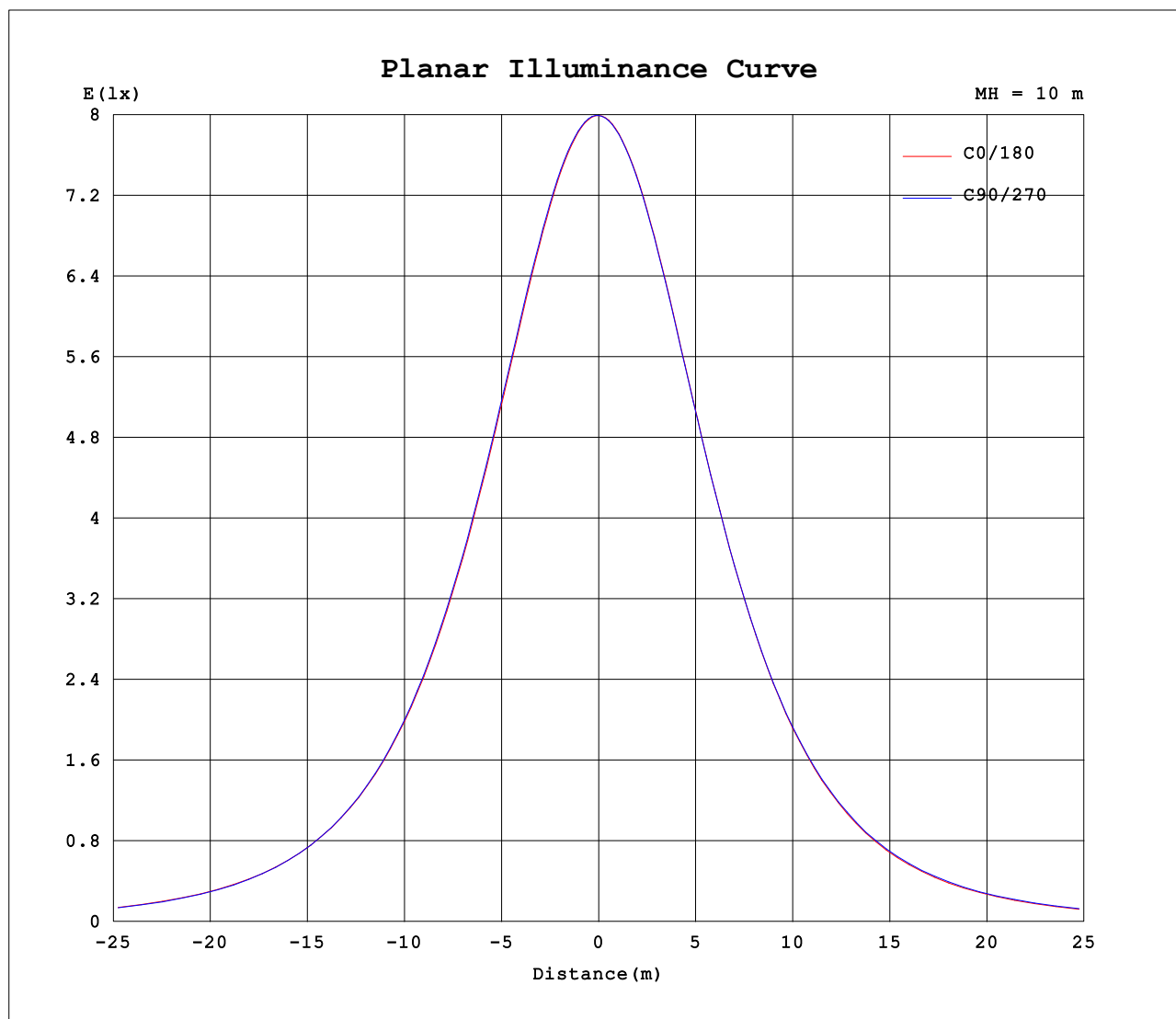
AvgL	cd/m2
L_0~180 (65) av	70302
L_0~180 (75) av	58639
L_0~180 (85) av	35342
L_90~270 (65) av	70931
L_90~270 (75) av	59372
L_90~270 (85) av	35523
L_45 (65) av	70582
L_45 (75) av	58899
L_45 (85) av	37051

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:SENPU
Test Date:2021-07-21

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: 2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	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	799	799	799	799	799	799	799	799	800	800	800	801	799	799	799	799	799	799	799
5	797	797	797	798	798	798	798	798	798	798	798	798	795	794	795	794	795	794	795
10	788	789	790	790	790	791	790	790	790	790	789	789	785	784	784	783	784	783	784
15	774	775	775	777	777	777	777	777	776	775	774	774	769	767	767	766	767	766	768
20	753	755	755	757	757	758	757	757	756	755	753	752	747	744	745	743	744	743	745
25	726	728	729	731	731	732	731	731	729	728	725	725	718	715	716	714	716	715	717
30	694	696	697	699	699	700	699	699	696	695	692	691	683	680	681	679	681	680	682
35	655	658	659	661	661	662	661	661	657	656	652	651	642	639	640	639	640	640	643
40	611	614	615	618	617	618	616	616	612	611	607	606	596	592	593	592	594	594	597
45	562	565	565	568	567	569	566	566	561	560	555	554	543	539	541	539	542	542	546
50	507	510	510	513	511	513	510	509	504	503	498	497	485	482	484	482	486	485	490
55	447	449	450	452	451	451	448	446	442	438	435	432	420	417	419	418	421	421	426
60	383	384	385	385	385	383	381	378	374	371	367	364	352	349	351	352	354	356	360
65	314	315	315	316	314	313	310	307	302	299	295	293	280	278	280	279	284	285	290
70	242	244	243	243	240	239	235	232	226	225	219	219	206	203	206	205	211	212	218
75	170	171	169	170	166	165	160	158	153	151	146	145	134	132	134	134	139	141	147
80	102	103	101	101	97.5	96.2	91.4	89.9	85.2	83.8	79.4	78.5	68.6	67.4	70.4	71.4	75.1	76.5	81.3
85	43.0	44.0	42.9	43.2	40.1	38.0	34.1	32.9	30.4	29.4	26.8	25.6	18.6	18.4	20.6	21.0	23.7	24.5	27.8
90	8.07	8.00	6.98	6.52	5.16	4.31	0.73	2.68	2.37	2.31	1.55	1.19	0.38	0.56	0.69	0.89	1.13	1.02	0.54
95	1.61	1.56	1.40	1.08	1.12	0.62	0.62	0.67	0.86	0.74	0.84	0.83	0.35	0.41	0.38	0.39	0.27	0.24	0.25
100	1.06	0.83	0.76	0.81	0.82	0.65	0.65	0.66	0.68	0.94	0.98	0.75	0.36	0.35	0.32	0.29	0.29	0.31	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:2021-07-21

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:24.010V I:0.6830A P:16.400W PF:1.0000 Freq:0Hz Lamp Flux:2347.33x1 lm		
NAME: 24-M-120-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	799	800	800	800	801														
5	795	796	796	797	797														
10	784	785	785	787	787														
15	767	769	769	771	771														
20	745	747	747	749	749														
25	717	719	719	722	722														
30	682	685	685	688	688														
35	643	646	646	649	649														
40	597	600	601	604	604														
45	546	550	550	554	553														
50	490	494	495	499	498														
55	427	431	433	436	436														
60	361	366	368	371	371														
65	293	297	299	303	303														
70	220	225	226	231	231														
75	149	154	155	159	159														
80	83.7	88.5	89.8	93.1	92.7														
85	30.3	34.6	35.5	37.6	36.3														
90	2.62	4.25	5.04	6.01	6.01														
95	0.25	0.43	0.84	1.03	1.11														
100	0.24	0.29	0.31	0.35	0.44														
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:2021-07-21

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:65.0%
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