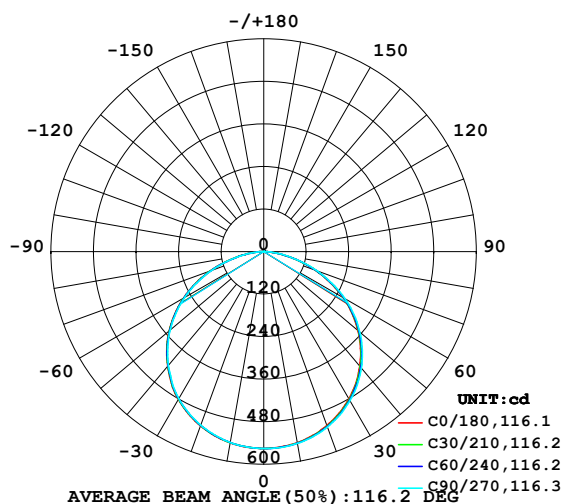


LUMINAIRE PHOTOMETRIC TEST REPORT

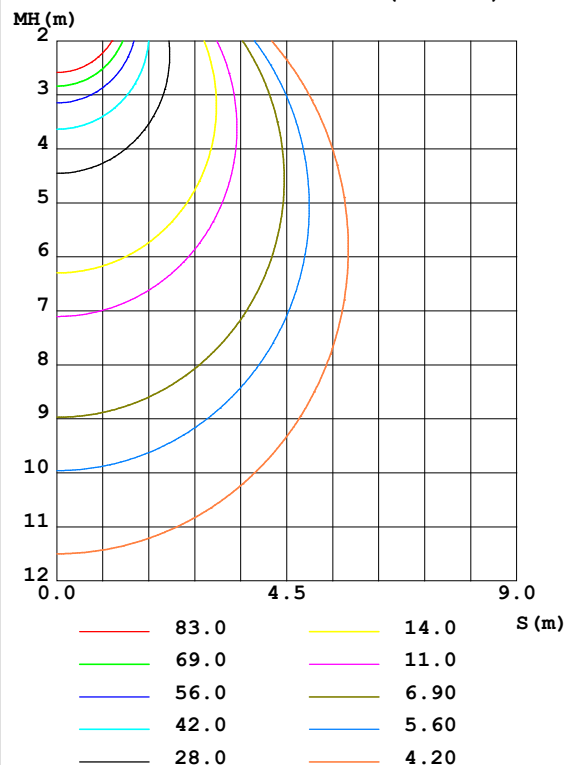
Test:U:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.72 lm/W			
MODEL		I _{max} (cd)	556.5	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)	1644.1	η UP, DN (C0-180)	0.0, 50.5
NOMINAL FLUX (lm)	1644.13	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.5
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	99.9	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:

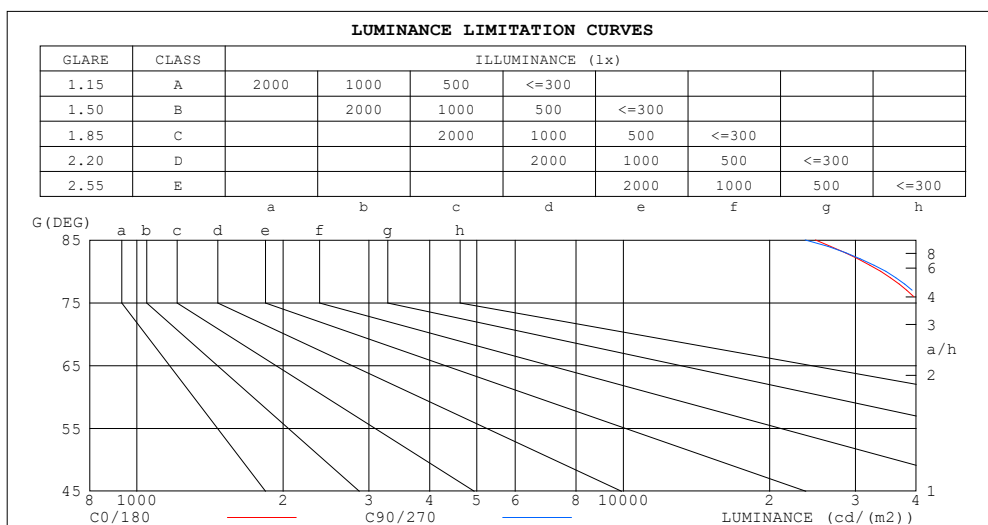
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	547.1	548.8	549.4	550.0	547.6	546.7	546.6	546.2	0- 10	52.68	52.68	3.2,3.2
20	522.0	525.1	526.3	527.5	522.8	521.1	520.9	519.9	10- 20	151.8	204.5	12.4,12.4
30	480.1	484.3	486.2	487.6	481.7	479.6	478.9	477.2	20- 30	232.7	437.3	26.6,26.6
40	421.8	424.3	428.8	428.9	421.8	421.5	418.6	417.9	30- 40	284.4	721.7	43.9,43.9
50	347.2	350.1	354.4	356.1	348.6	347.6	344.9	343.1	40- 50	299.1	1021	62.1,62.1
60	258.0	260.3	264.3	267.4	260.3	258.7	256.6	252.9	50- 60	273.3	1294	78.7,78.7
70	156.6	158.8	160.7	166.5	160.5	158.7	157.1	152.2	60- 70	207.6	1502	91.3,91.3
80	58.78	58.78	60.22	65.77	61.44	60.61	59.45	55.71	70- 80	114.0	1616	98.3,98.3
90	2.439	1.932	0.4954	3.737	4.037	3.177	0.2172	1.726	80- 90	27.46	1643	99.9,99.9
100	0.6835	0.4807	0.6309	0.5107	0.3980	0.2553	0.2328	0.2478	90-100	0.9021	1644	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0238	1644	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1644	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1644	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1644	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1644	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1644	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1644	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1644	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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	24834	23680
80	33849	34677
75	40865	41951
70	45793	46999
65	49099	50350
60	51603	52869
55	53053	54258
50	54009	55135
45	54660	55673

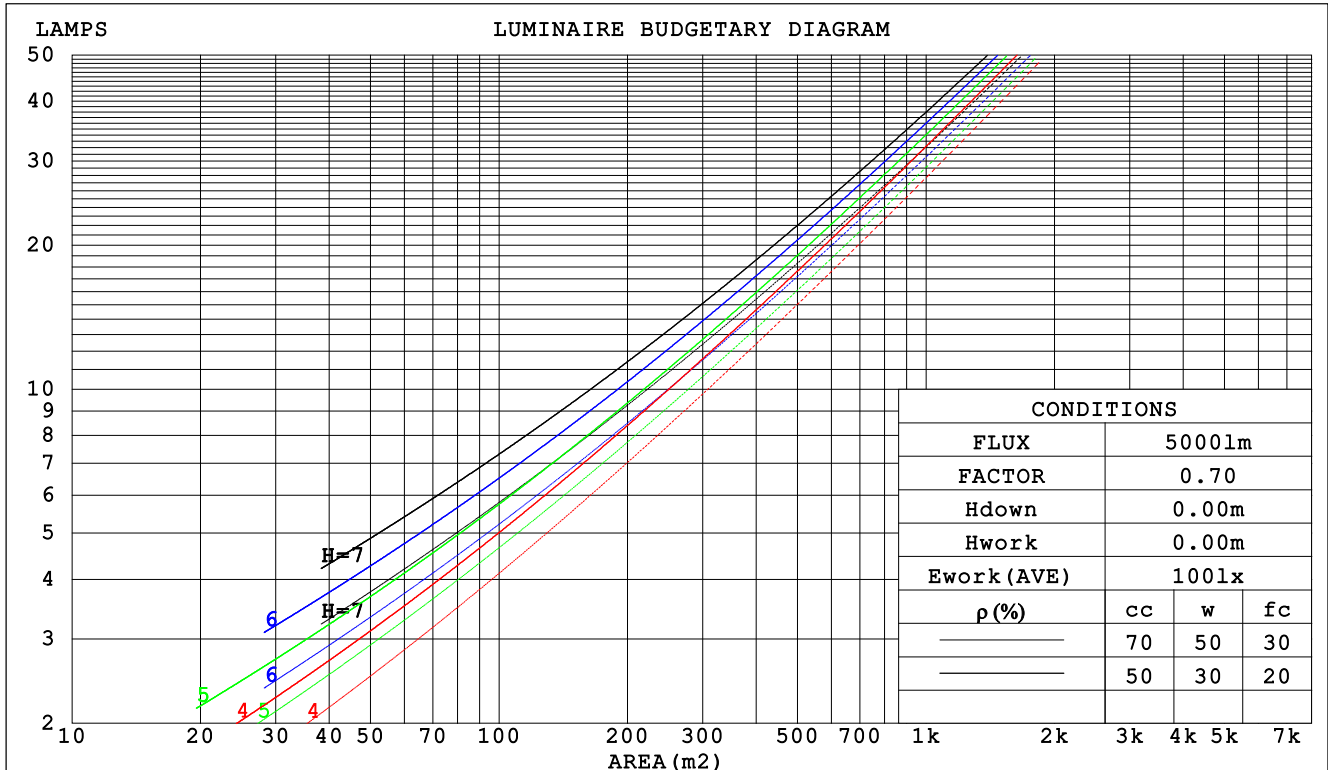
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: SENPU
Test Date: 2021-07-21

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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	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	.88	.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	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.58	.52	.62	.56	.52	.50
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	.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	.40	.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	.33	.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: 2021-07-21

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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm					
NAME: 24-120-65			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	.309	.176	.056	.302	.172	.055	.289	.166	.053	.276	.159	.051	.265	.154	.050		
2.0	.292	.160	.049	.286	.157	.049	.274	.152	.047	.263	.148	.046	.253	.143	.045		
3.0	.271	.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	.220	.119	.036		
5.0	.231	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.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	.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	.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	.142	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.158	.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	.107	.056	.022	.074	.040	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.071	.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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm											
NAME: 24-120-65					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	28.3	27.0	28.5	28.7	26.8	28.4	27.1	28.6	28.8	
	28.2	29.6	28.5	29.9	30.1	28.3	29.7	28.6	30.0	30.2	
	28.8	30.1	29.1	30.4	30.6	28.9	30.2	29.2	30.5	30.7	
	29.1	30.4	29.4	30.6	30.9	29.2	30.5	29.6	30.8	31.0	
	29.2	30.4	29.5	30.7	31.0	29.3	30.5	29.6	30.8	31.1	
	29.2	30.4	29.6	30.7	31.0	29.3	30.5	29.7	30.8	31.1	
4H	2H	27.4	28.7	27.7	29.0	29.2	27.4	28.8	27.7	29.0	29.3
	3H	29.0	30.2	29.4	30.5	30.8	29.1	30.3	29.4	30.6	30.9
	4H	29.7	30.7	30.0	31.1	31.4	29.8	30.8	30.1	31.2	31.5
	6H	30.1	31.1	30.5	31.4	31.8	30.2	31.2	30.6	31.5	31.9
	8H	30.2	31.1	30.7	31.5	31.9	30.3	31.2	30.7	31.6	32.0
	12H	30.3	31.1	30.7	31.5	31.9	30.4	31.2	30.8	31.6	32.0
8H	4H	29.9	30.8	30.3	31.2	31.5	30.0	30.9	30.4	31.2	31.6
	6H	30.5	31.2	30.9	31.6	32.0	30.5	31.3	31.0	31.7	32.1
	8H	30.7	31.3	31.1	31.7	32.2	30.7	31.4	31.2	31.8	32.3
	12H	30.8	31.3	31.3	31.8	32.3	30.8	31.4	31.3	31.8	32.3
12H	4H	29.9	30.7	30.3	31.1	31.5	30.0	30.8	30.4	31.2	31.6
	6H	30.5	31.2	31.0	31.6	32.0	30.6	31.2	31.0	31.7	32.1
	8H	30.7	31.3	31.2	31.7	32.2	30.8	31.4	31.3	31.8	32.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 1644 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.7$)

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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

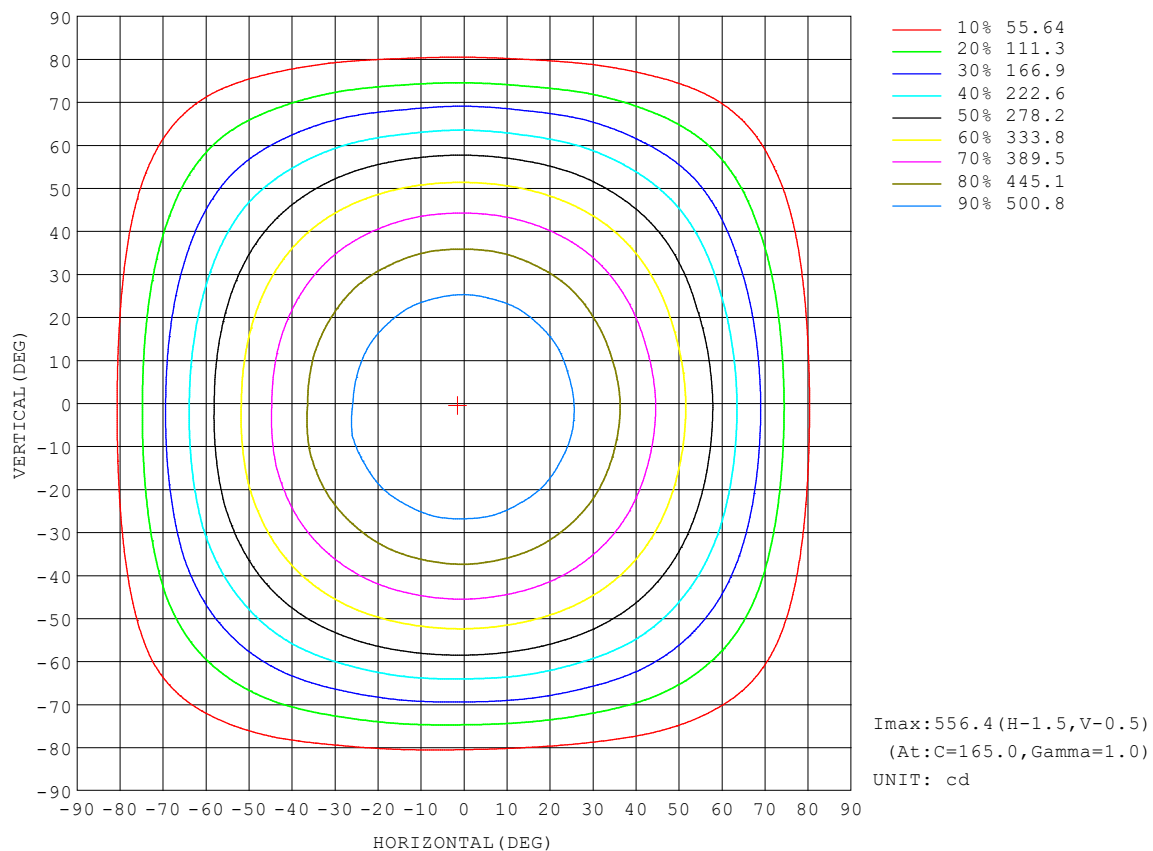
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	72	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	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	94	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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

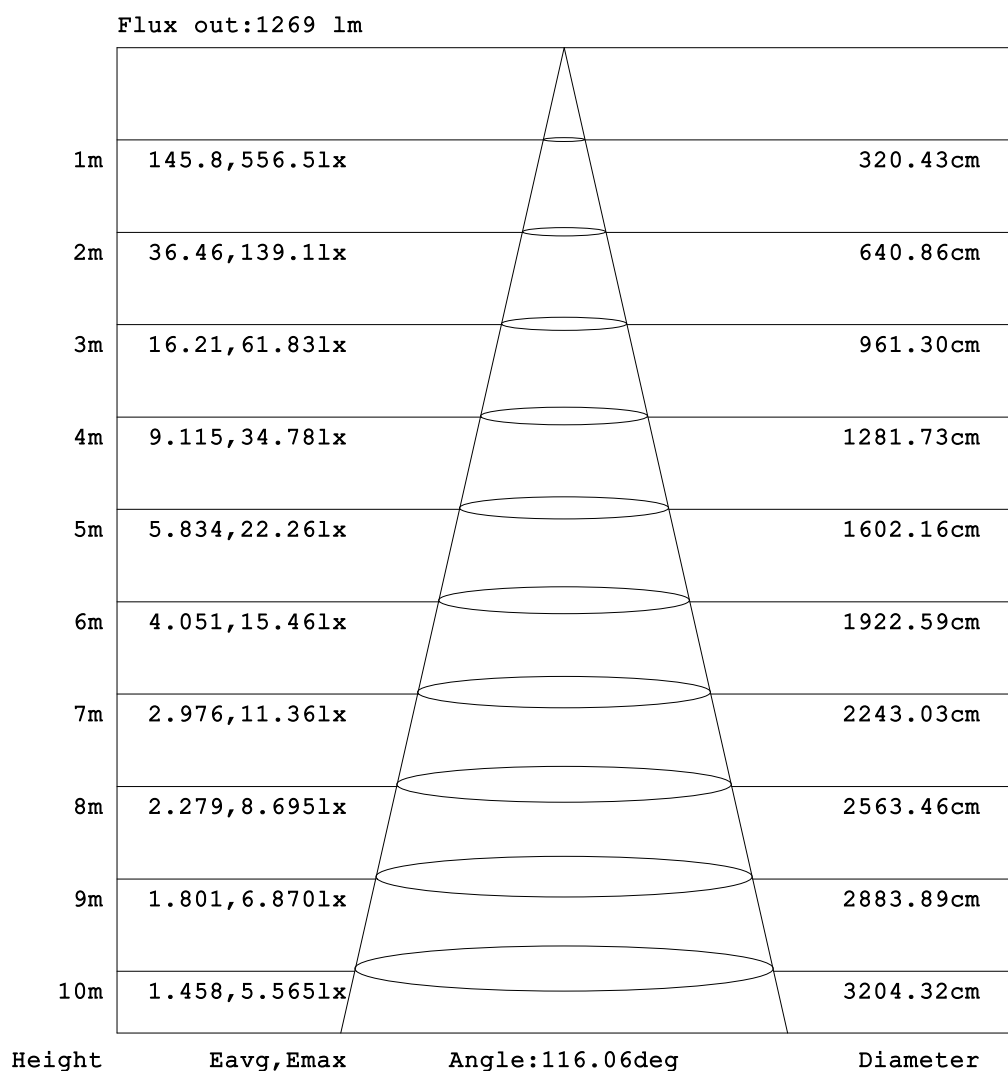


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:SENPU
Test Date:2021-07-21

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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



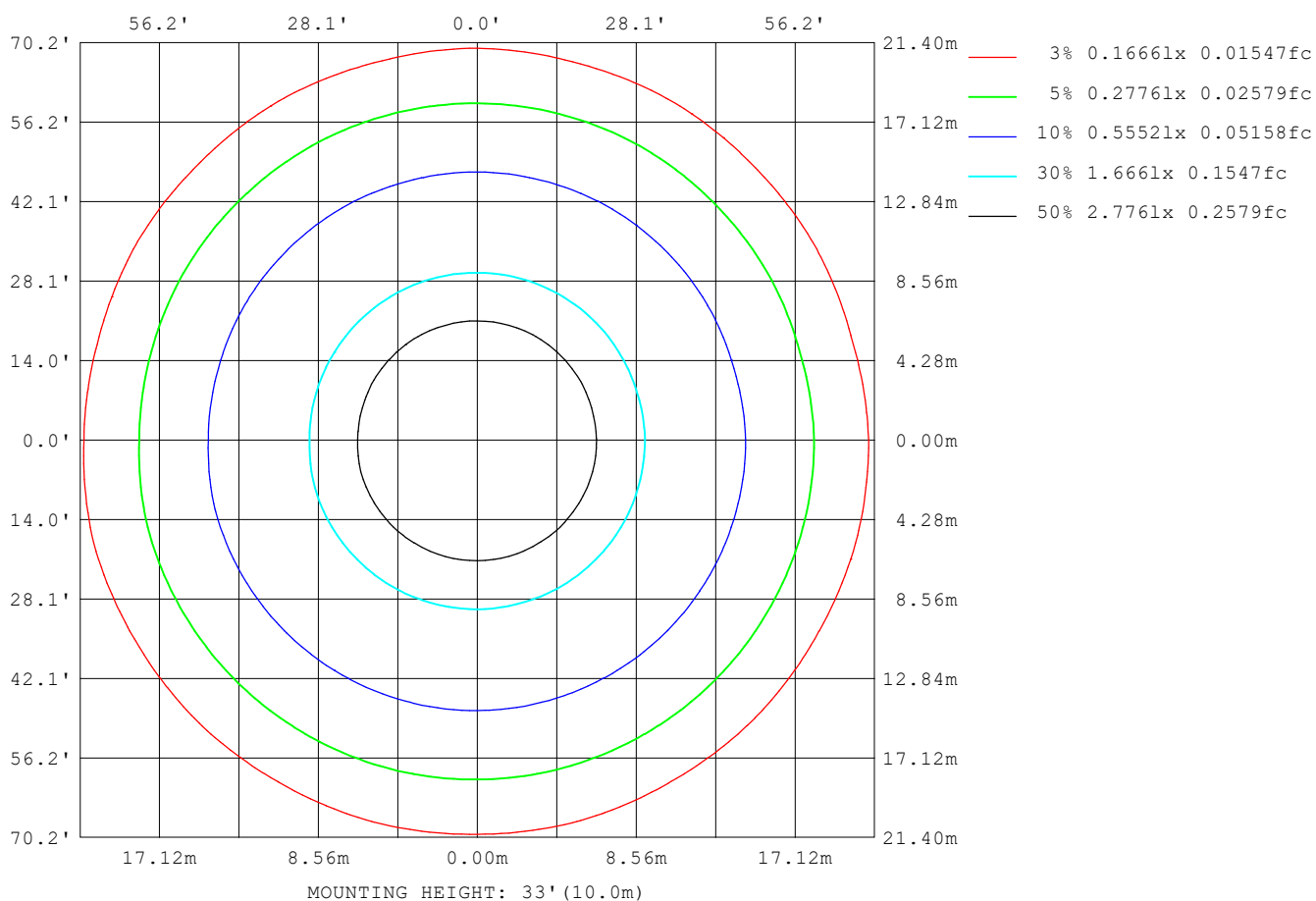
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

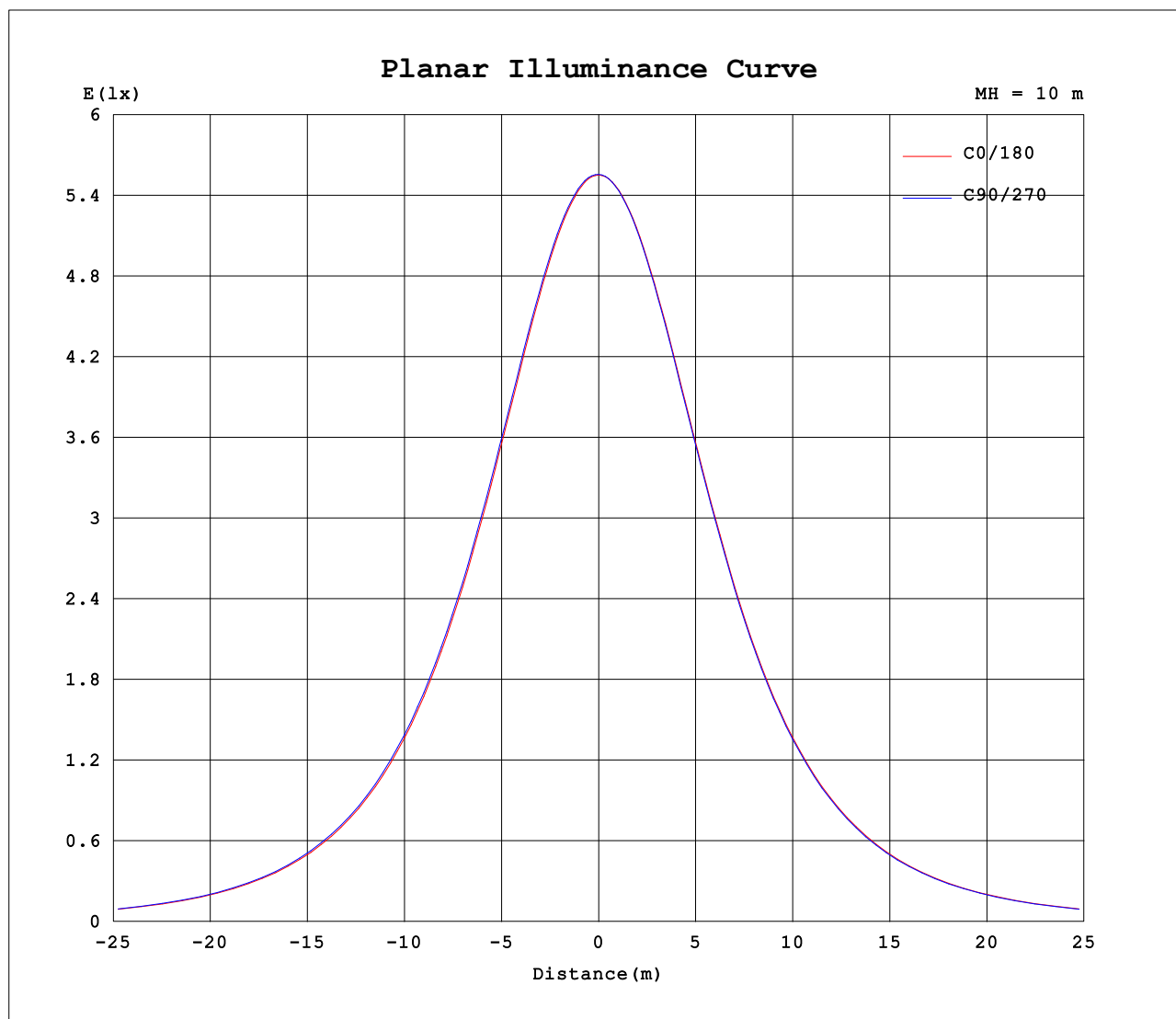
AvgL	cd/m2
L_0~180 (65) av	49559
L_0~180 (75) av	41526
L_0~180 (85) av	25540
L_90~270 (65) av	49767
L_90~270 (75) av	41513
L_90~270 (85) av	24074
L_45 (65) av	49744
L_45 (75) av	41624
L_45 (85) av	25946

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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	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	555	555	555	555	555	556	556	556	556	556	556	556	555	555	555	555	555	556	556
5	553	554	554	554	554	555	555	555	555	555	555	555	553	553	553	553	553	553	553
10	547	548	548	549	549	549	549	550	550	550	550	550	548	547	547	547	547	546	547
15	537	538	538	539	539	540	540	541	540	541	540	540	537	537	537	536	536	535	536
20	522	523	524	525	525	526	526	527	527	527	527	527	523	522	522	521	521	520	521
25	503	505	505	507	507	508	508	510	509	510	509	509	504	503	504	502	503	502	502
30	480	482	482	484	484	486	486	488	487	488	487	487	482	481	481	480	480	479	479
35	453	454	455	459	457	460	460	461	460	462	460	461	454	454	453	452	452	451	451
40	422	422	424	424	426	427	429	428	430	429	430	428	422	423	421	421	420	420	419
45	387	387	388	389	391	392	394	394	395	395	395	394	387	387	386	386	385	385	383
50	347	348	349	350	352	353	354	355	356	356	356	356	349	348	348	348	347	346	345
55	304	305	306	307	308	310	311	312	313	314	314	314	306	305	306	305	304	302	302
60	258	258	259	260	261	263	264	266	267	267	268	268	260	260	260	259	259	258	257
65	207	209	208	211	210	213	213	216	216	218	217	219	211	209	211	209	210	206	208
70	157	158	157	159	158	161	161	164	164	167	166	168	160	159	161	159	159	156	157
75	106	107	105	107	106	108	109	111	112	115	114	116	109	107	109	108	108	106	106
80	58.8	59.2	57.7	58.8	58.1	58.6	60.2	62.8	63.1	65.8	65.5	67.4	61.4	60.5	61.9	60.6	61.0	59.4	59.5
85	21.6	21.7	21.2	21.4	20.5	20.9	20.6	23.0	24.2	26.0	26.1	27.3	22.9	22.7	24.0	23.1	23.4	21.5	21.3
90	2.44	2.49	2.10	1.93	1.61	1.35	0.50	1.83	2.61	3.74	4.35	5.38	4.04	3.95	3.86	3.18	2.58	1.54	0.22
95	0.98	0.84	0.86	0.69	0.54	0.44	0.59	0.48	0.57	0.73	1.14	1.23	0.81	0.87	0.68	0.49	0.24	0.20	0.19
100	0.68	0.81	0.68	0.48	0.47	0.64	0.63	0.49	0.50	0.51	0.59	0.76	0.40	0.38	0.32	0.26	0.24	0.24	0.23
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

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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:24.000V I:0.6870A P:16.488W PF:1.0000 Freq:0Hz Lamp Flux:1644.13x1 lm		
NAME: 24-120-65	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	556	556	556	556	556														
5	553	553	553	554	554														
10	546	547	546	547	547														
15	535	536	535	536	536														
20	520	521	520	521	520														
25	501	501	501	502	501														
30	478	478	477	478	477														
35	450	449	450	449	450														
40	419	417	418	417	418														
45	383	382	382	381	382														
50	344	343	343	342	342														
55	301	301	299	299	298														
60	255	255	253	253	252														
65	204	206	203	204	201														
70	154	155	152	153	150														
75	103	104	102	102	99.9														
80	57.5	57.7	55.7	55.7	53.8														
85	20.3	20.9	20.0	20.1	18.5														
90	1.27	1.77	1.73	1.85	1.57														
95	0.20	0.22	0.47	0.48	0.57														
100	0.23	0.23	0.25	0.24	0.36														
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														

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