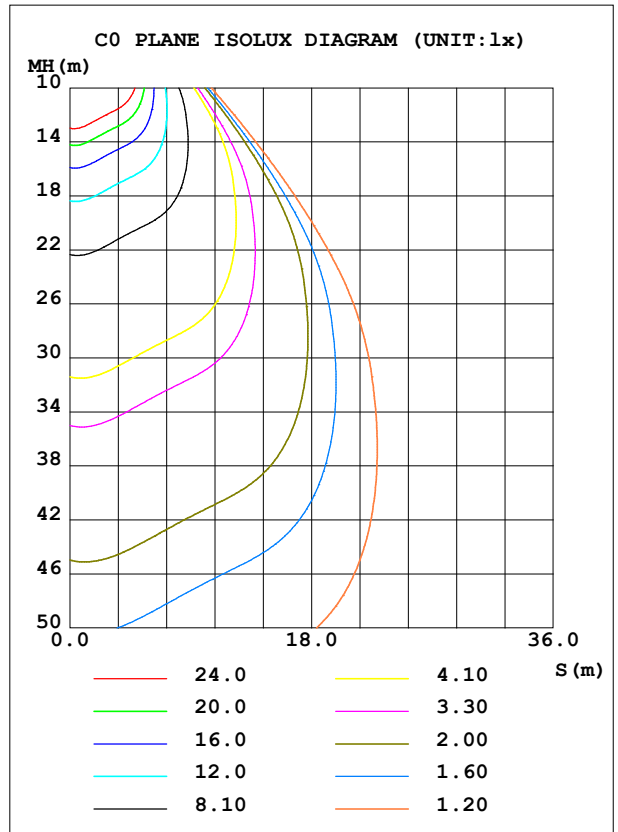
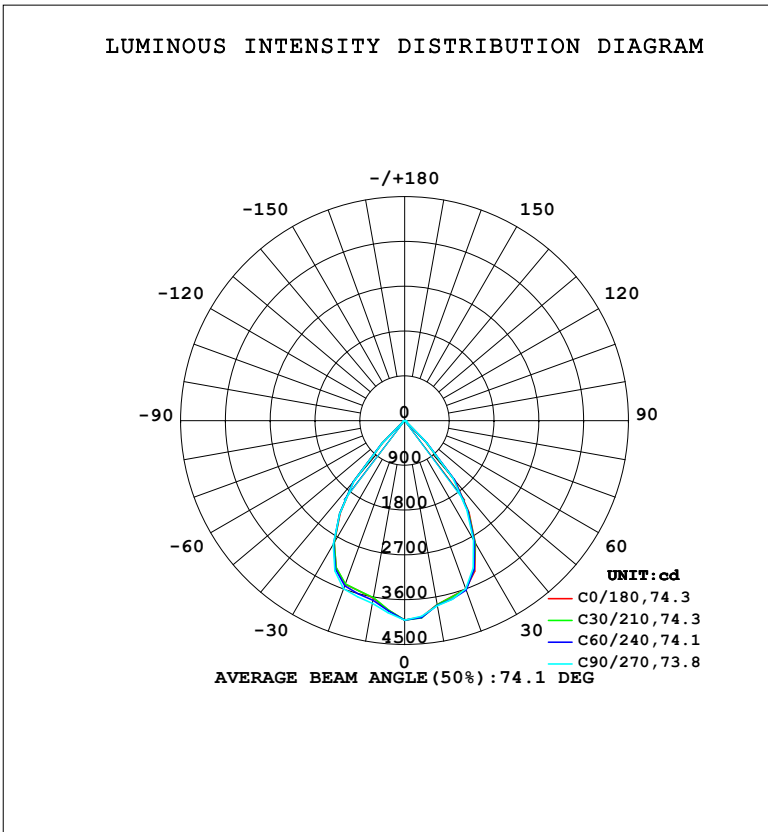


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz Lamp Flux:4962.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	216R	Imax (cd)	4009	S/MH (C0/180)	1.08
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.08
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	4962.1	$\eta$ UP, DN (C0-180)	0.0,50.0
NOMINAL FLUX (lm)	4962.05	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0,50.0
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	219.5	$\eta$ down (%)	100.0	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-01-20

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	3758	3780	3778	3749	3627	3632	3733	3757	0- 10	367.4	367.4	7.4,7.4
20	3601	3639	3597	3594	3498	3499	3594	3639	10- 20	1034	1402	28.3,28.3
30	2852	2851	2776	2846	2832	2821	2873	2846	20- 30	1499	2901	58.5,58.5
40	1572	1576	1518	1593	1593	1594	1599	1581	30- 40	1388	4289	86.4,86.4
50	58.71	64.55	70.00	67.03	68.65	71.93	67.02	56.97	40- 50	548.3	4837	97.5,97.5
60	45.03	47.08	46.21	46.86	45.59	44.94	45.87	44.77	50- 60	46.70	4884	98.4,98.4
70	40.57	40.53	37.61	41.47	39.57	38.54	37.93	40.35	60- 70	42.16	4926	99.3,99.3
80	15.62	15.49	13.32	16.82	16.39	15.33	13.97	15.82	70- 80	30.32	4957	99.9,99.9
90	0.2090	0.2045	0.1990	0.1933	0.2627	0.2706	0.2653	0.2779	80- 90	5.452	4962	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4697.6 lm

%lum = 94.7%

%lamp = 94.7%

Conical surface Flux(130deg): 4905.6 lm

%lum = 98.9%

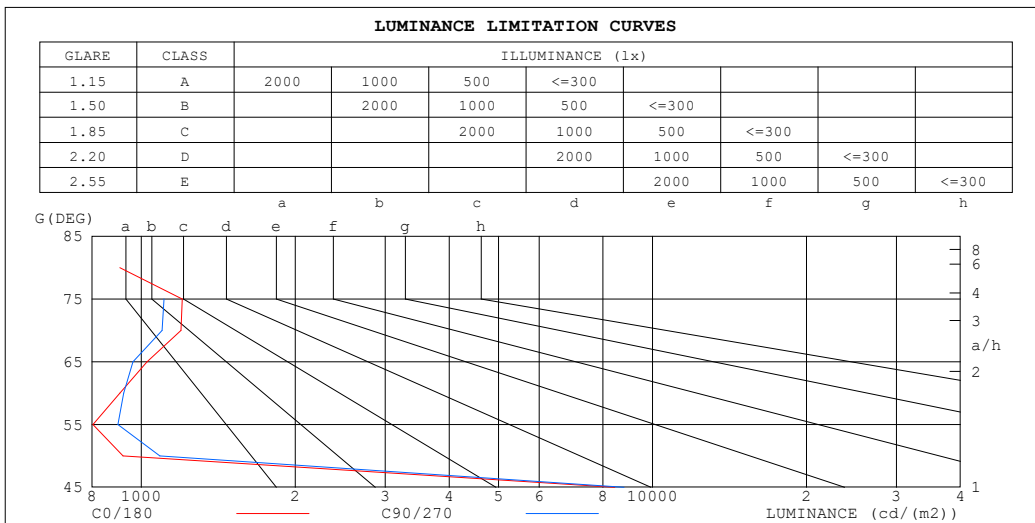
%lamp = 98.9%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz Lamp Flux:4962.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	332	150
80	907	766
75	1202	1107
70	1196	1098
65	1025	963
60	908	923
55	805	900
50	921	1087
45	8437	8794

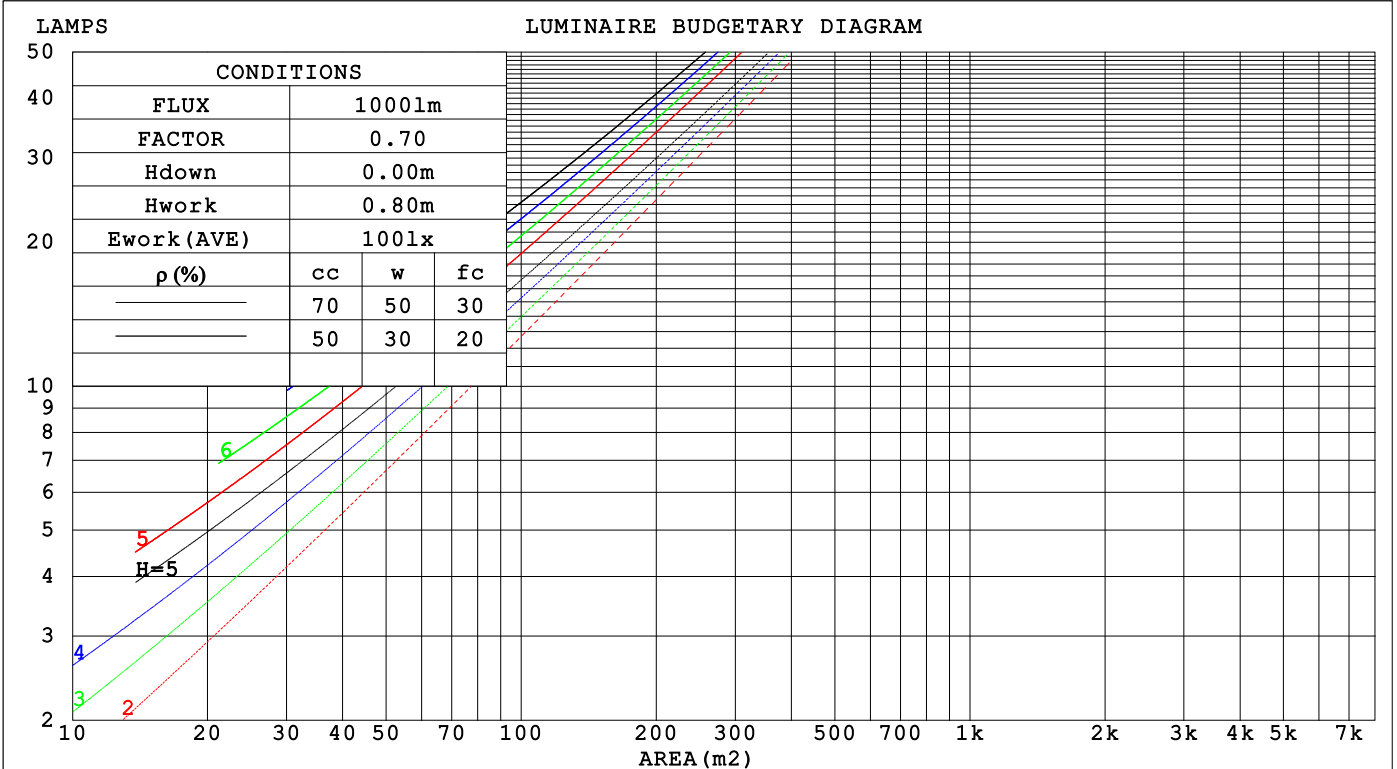
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz Lamp Flux:4962.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.00
1.0	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.97	.93	.00	.96	.92	.96	.93	.90	.93	.91	.88	.90	.88	.86	.85
3.0	.94	.88	.84	.92	.87	.83	.89	.85	.82	.87	.83	.80	.85	.82	.79	.77
4.0	.87	.80	.76	.85	.80	.75	.83	.78	.74	.81	.77	.74	.79	.76	.73	.71
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.76	.71	.68	.74	.70	.67	.65
6.0	.75	.68	.63	.74	.68	.63	.72	.67	.63	.71	.66	.62	.69	.65	.62	.60
7.0	.69	.63	.58	.69	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.56
8.0	.65	.58	.54	.64	.58	.54	.63	.57	.53	.62	.57	.53	.61	.56	.53	.51
9.0	.61	.54	.50	.60	.54	.50	.59	.53	.49	.58	.53	.49	.57	.53	.49	.48
10.0	.57	.50	.46	.56	.50	.46	.55	.50	.46	.55	.50	.46	.54	.49	.46	.44



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz								
Lamp Flux:4962.05x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: EVERFINE			SUR.:			Shielding Angle:		

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.194	.111	.035	.188	.107	.034	.175	.100	.032	.163	.094	.030	.153	.088	.029	
2.0	.187	.103	.032	.182	.100	.031	.171	.095	.030	.161	.090	.028	.152	.086	.027	
3.0	.179	.095	.029	.174	.093	.028	.165	.089	.027	.156	.086	.026	.148	.082	.025	
4.0	.171	.089	.026	.167	.087	.026	.159	.084	.025	.151	.081	.024	.144	.078	.024	
5.0	.163	.083	.024	.159	.082	.024	.152	.079	.023	.146	.077	.023	.139	.074	.022	
6.0	.155	.078	.022	.152	.077	.022	.146	.075	.022	.140	.073	.021	.135	.071	.021	
7.0	.148	.073	.021	.146	.073	.021	.140	.071	.020	.135	.069	.020	.130	.067	.020	
8.0	.142	.069	.020	.139	.069	.019	.134	.067	.019	.130	.066	.019	.125	.064	.019	
9.0	.136	.066	.018	.133	.065	.018	.129	.064	.018	.125	.063	.018	.121	.061	.018	
10.0	.130	.062	.017	.128	.062	.017	.124	.061	.017	.120	.060	.017	.116	.059	.017	

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.172	.157	.143	.147	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.136	.114	.096	.093	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.147	.114	.087	.126	.098	.076	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.138	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.130	.088	.057	.111	.076	.050	.077	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.123	.079	.048	.105	.068	.041	.073	.048	.029	.042	.028	.017	.014	.009	.006	
7.0	.116	.072	.040	.100	.062	.035	.069	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.111	.065	.034	.095	.057	.030	.066	.040	.021	.038	.024	.013	.012	.008	.004	
9.0	.106	.060	.030	.091	.052	.026	.063	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.101	.056	.026	.087	.049	.023	.061	.034	.016	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz										
Lamp Flux:4962.05x1 lm										
NAME:			TYPE:				WEIGHT:			
SPEC.:			DIM.:				SERIAL No.:			
MFR.: EVERFINE			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	10.8	11.9	11.1	12.1	12.3	10.8	11.9	11.0	12.0	12.2
3H	10.8	11.7	11.0	11.9	12.1	10.7	11.7	11.0	11.9	12.1
4H	10.7	11.6	11.0	11.9	12.1	10.7	11.6	10.9	11.8	12.0
6H	10.7	11.5	11.0	11.8	12.0	10.6	11.5	10.9	11.7	12.0
8H	10.6	11.5	11.0	11.7	12.0	10.6	11.4	10.9	11.6	11.9
12H	10.6	11.4	10.9	11.7	11.9	10.5	11.3	10.8	11.6	11.8
4H 2H	10.6	11.5	10.9	11.7	12.0	10.6	11.5	10.8	11.7	11.9
3H	10.6	11.4	10.9	11.6	11.9	10.5	11.3	10.8	11.6	11.8
4H	10.6	11.3	10.9	11.6	11.9	10.5	11.2	10.8	11.5	11.8
6H	10.5	11.2	10.9	11.5	11.9	10.4	11.1	10.8	11.4	11.8
8H	10.5	11.1	10.9	11.4	11.8	10.4	11.0	10.8	11.3	11.7
12H	10.5	11.0	10.9	11.4	11.7	10.4	10.9	10.8	11.3	11.6
8H 4H	10.5	11.1	10.9	11.4	11.8	10.4	11.0	10.8	11.3	11.7
6H	10.5	10.9	10.9	11.3	11.7	10.4	10.8	10.8	11.2	11.6
8H	10.4	10.8	10.9	11.2	11.7	10.3	10.7	10.8	11.1	11.6
12H	10.4	10.7	10.8	11.2	11.6	10.3	10.6	10.7	11.1	11.5
12H 4H	10.4	11.0	10.8	11.3	11.7	10.4	10.9	10.8	11.3	11.6
6H	10.4	10.8	10.9	11.2	11.7	10.3	10.7	10.8	11.2	11.6
8H	10.4	10.7	10.8	11.2	11.6	10.3	10.6	10.7	11.1	11.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.0 / - 8.2					+ 2.8 / - 8.4				
1.5H	+ 5.6 / - 8.4					+ 5.4 / - 8.4				
2.0H	+ 8.1 / - 1.9					+ 8.5 / - 2.2				

CIE Pub.117, 4962 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.6)  
 Area: 0.1 m2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz Lamp Flux:4962.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

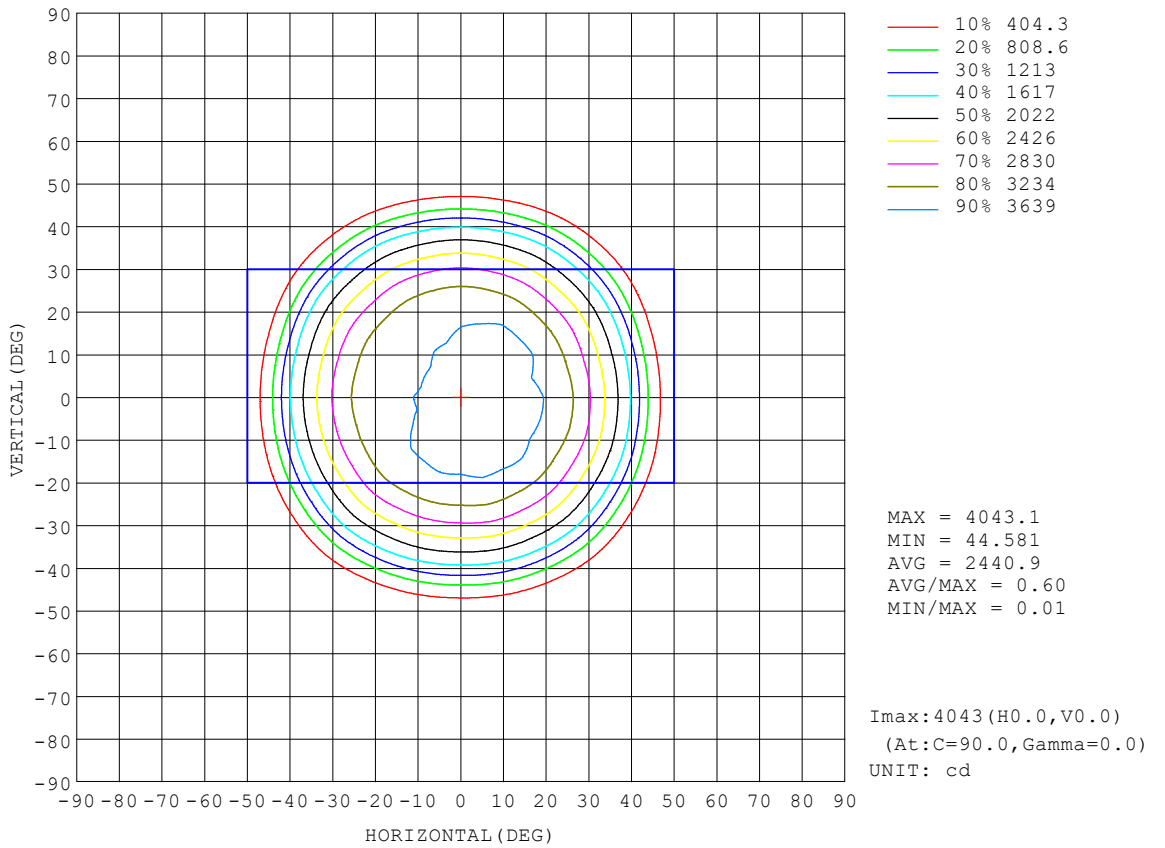
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	75	72	68
0.80	91	85	80	91	84	80	89	84	80	76
1.00	97	90	86	96	90	86	94	90	85	81
1.25	101	95	91	100	95	91	98	93	90	86
1.50	104	99	95	103	98	95	100	97	93	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
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:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz Lamp Flux:4962.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



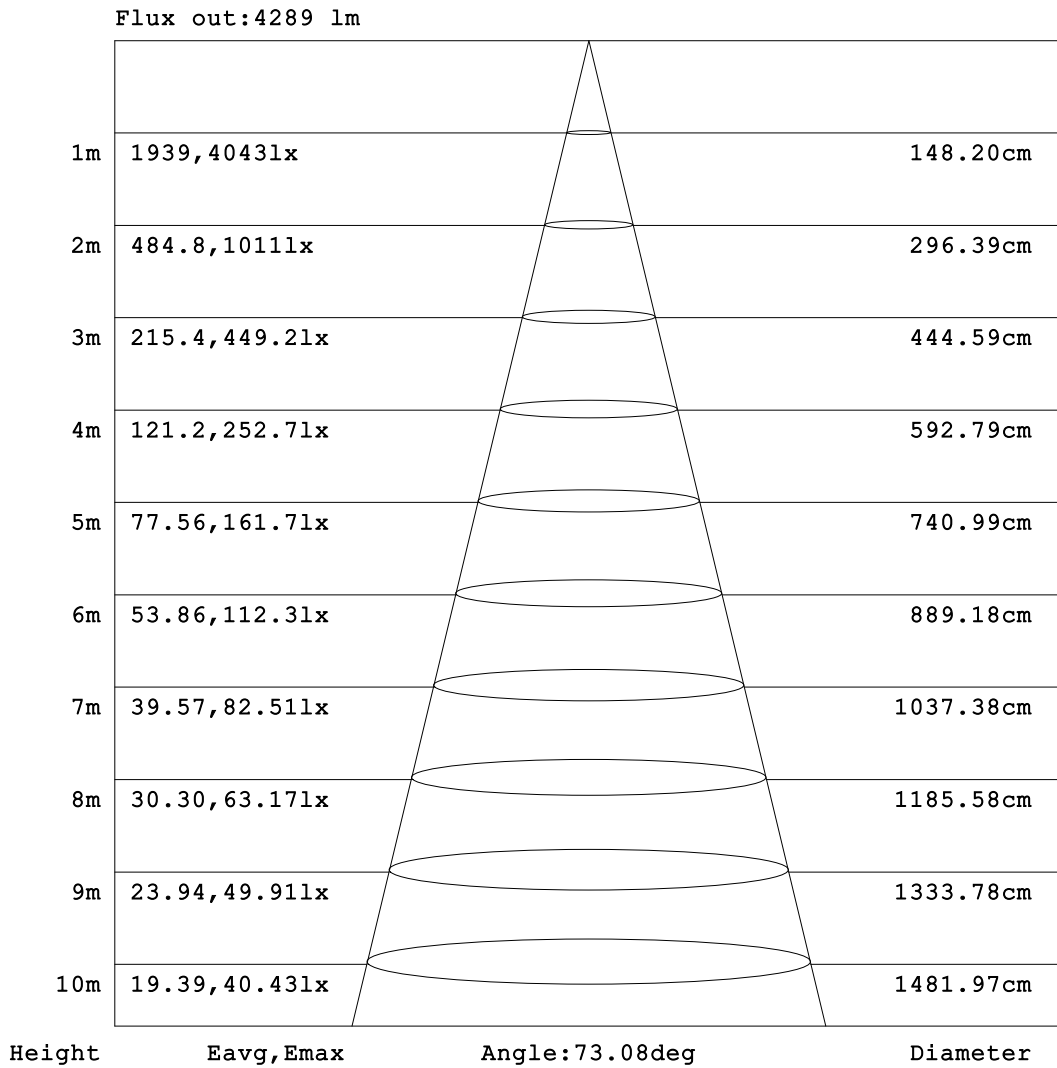
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz Lamp Flux:4962.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



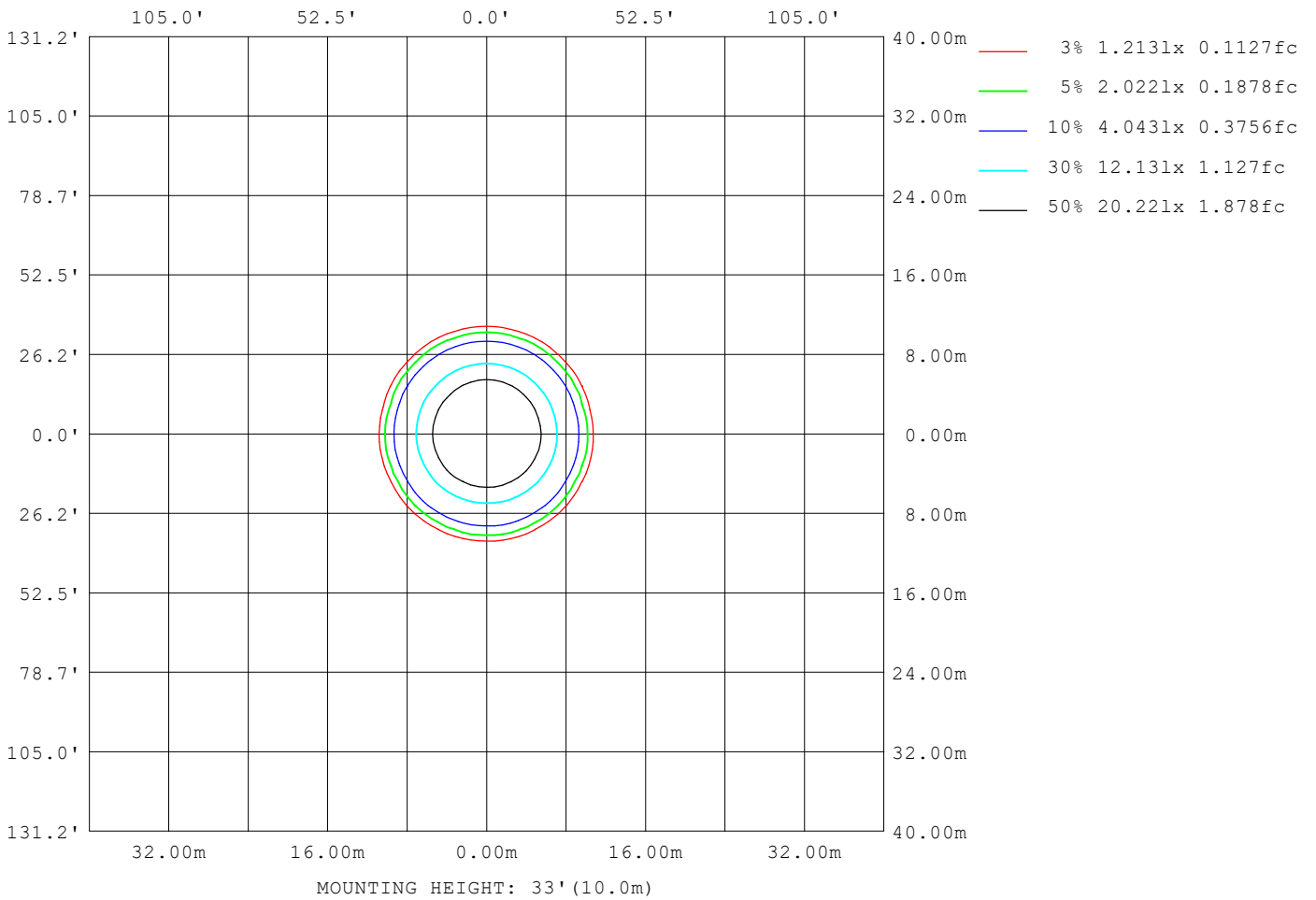
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz Lamp Flux:4962.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz Lamp Flux:4962.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

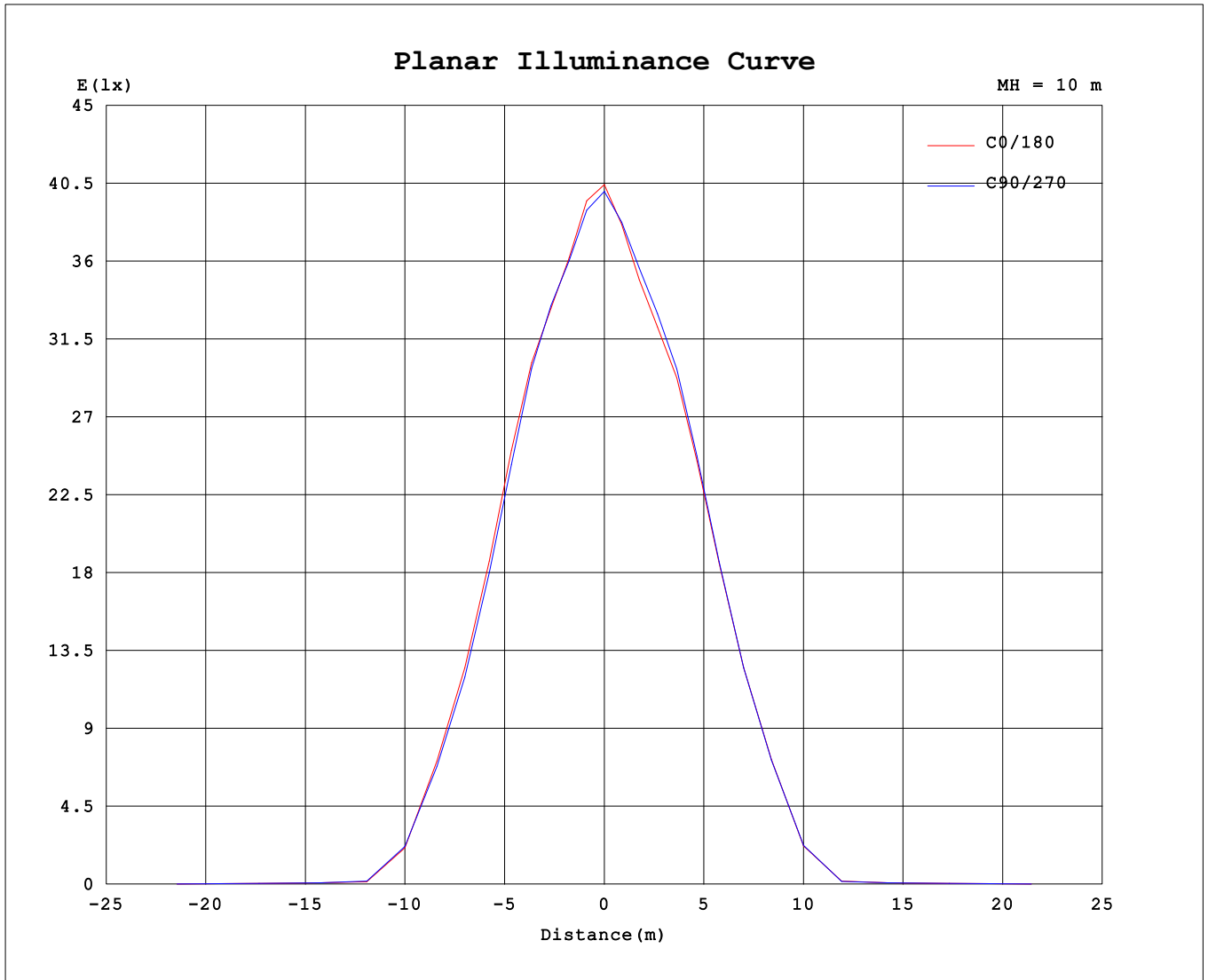
AvgL	cd/m2
L_0~180 (65) av	1015
L_0~180 (75) av	1208
L_0~180 (85) av	365
L_90~270 (65) av	973
L_90~270 (75) av	1113
L_90~270 (85) av	156
L_45 (65) av	1016
L_45 (75) av	1185
L_45 (85) av	268

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz		
Lamp Flux:4962.05x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009	4009
5	3961	3980	3979	3994	3974	3977	3945	3918	3894	3887	3859	3847	3825	3802	3814	3816	3834	3839	3875
10	3758	3778	3759	3780	3772	3793	3778	3776	3753	3749	3705	3662	3627	3604	3613	3632	3669	3687	3733
15	3662	3670	3668	3701	3711	3732	3716	3724	3697	3679	3622	3570	3544	3525	3542	3565	3602	3617	3665
20	3601	3612	3608	3639	3624	3631	3597	3608	3591	3594	3543	3515	3498	3478	3495	3499	3531	3551	3594
25	3340	3351	3312	3339	3305	3317	3263	3277	3285	3317	3280	3269	3259	3239	3263	3257	3297	3308	3329
30	2852	2878	2836	2851	2809	2817	2776	2782	2794	2846	2824	2838	2832	2816	2838	2821	2858	2853	2873
35	2257	2277	2240	2262	2218	2219	2182	2202	2204	2252	2231	2258	2262	2242	2276	2249	2278	2264	2284
40	1572	1593	1555	1576	1551	1556	1518	1532	1548	1593	1565	1590	1593	1581	1617	1594	1619	1599	1599
45	592	622	598	644	631	655	623	632	621	651	612	640	624	598	643	623	655	639	639
50	58.7	58.9	62.7	64.6	65.9	67.8	70.0	69.9	68.9	67.0	66.0	64.7	68.7	68.9	71.2	71.9	71.7	69.0	67.0
55	45.8	46.6	47.3	49.0	50.3	51.0	51.7	51.9	51.6	51.6	50.8	49.9	50.5	49.6	50.3	50.4	50.7	49.4	48.9
60	45.0	45.7	46.4	47.1	47.5	46.1	46.2	46.3	46.8	46.9	47.4	46.4	45.6	44.5	44.4	44.9	46.2	45.2	45.9
65	43.0	43.6	43.7	43.8	43.3	40.5	40.8	41.5	42.8	43.8	44.1	43.6	42.9	42.1	42.0	41.8	42.5	40.1	41.5
70	40.6	40.7	40.3	40.5	39.2	37.1	37.6	38.3	39.6	41.5	41.1	40.6	39.6	39.4	38.7	38.5	38.6	36.0	37.9
75	30.9	31.0	30.7	30.6	29.2	28.3	28.7	29.1	29.9	31.5	32.2	32.6	31.7	31.0	30.7	30.0	29.1	27.3	28.9
80	15.6	15.8	15.6	15.5	14.1	13.7	13.3	14.2	14.7	16.8	17.1	17.6	16.4	16.0	16.3	15.3	14.3	13.5	14.0
85	2.87	2.91	2.40	2.25	1.54	1.31	1.31	1.28	1.42	2.54	3.25	3.69	3.49	3.11	2.87	2.12	1.80	1.44	1.41
90	0.21	0.20	0.21	0.20	0.20	0.19	0.20	0.19	0.20	0.19	0.21	0.21	0.26	0.28	0.28	0.27	0.26	0.27	0.27

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:220.38V I:0.1902A P:41.058W PF:0.9796 Freq:50.00Hz Lamp Flux:4962.05x1 lm		
<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPEC.:</b>	<b>DIM.:</b>	<b>SERIAL No.:</b>
<b>MFR.: EVERFINE</b>	<b>SUR.:</b>	<b>Shielding Angle:</b>

Table--2

UNIT: cd

C (DEG)		285	300	315	330	345												
γ (DEG)	0	4009	4009	4009	4009	4009												
	5	3890	3912	3926	3938	3952												
10	3744	3764	3757	3775	3756													
15	3694	3727	3721	3716	3679													
20	3611	3642	3639	3649	3616													
25	3326	3348	3322	3339	3324													
30	2863	2877	2846	2870	2841													
35	2271	2288	2258	2285	2256													
40	1597	1612	1581	1592	1565													
45	640	654	613	622	579													
50	63.0	58.7	57.0	55.3	55.7													
55	46.9	45.9	45.1	44.9	44.8													
60	45.0	44.8	44.8	44.8	44.4													
65	41.3	42.4	42.4	43.2	42.3													
70	37.7	39.5	40.3	41.2	40.1													
75	28.1	29.8	30.5	31.2	30.5													
80	13.7	14.5	15.8	16.5	15.7													
85	1.47	1.96	2.44	3.01	2.83													
90	0.27	0.26	0.28	0.28	0.28													

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-01-20

γ Range: 0 - 90DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks: