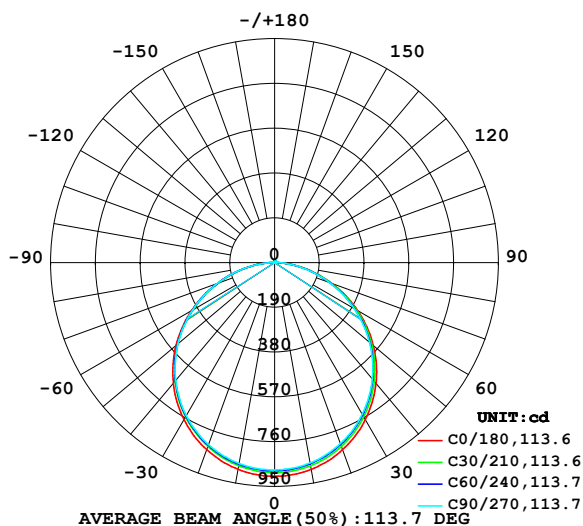


LUMINAIRE PHOTOMETRIC TEST REPORT

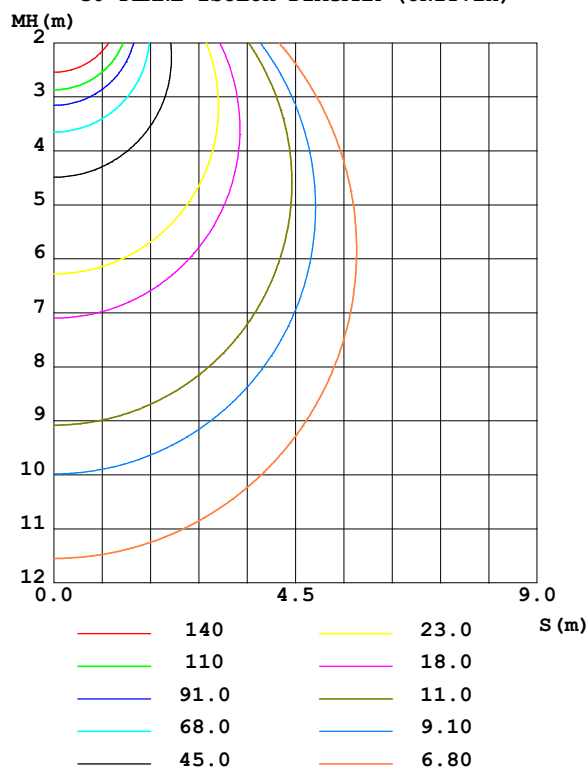
Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm		
NAME: P101006	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D195	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.80 lm/W			
MODEL		I _{max} (cd)	906.6	S/MH(C0/180)	1.26
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2591.0	η UP,DN(C0-180)	0.4,49.2
NOMINAL FLUX(lm)	2591	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,50.0
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	240	η down (%)	99.3	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

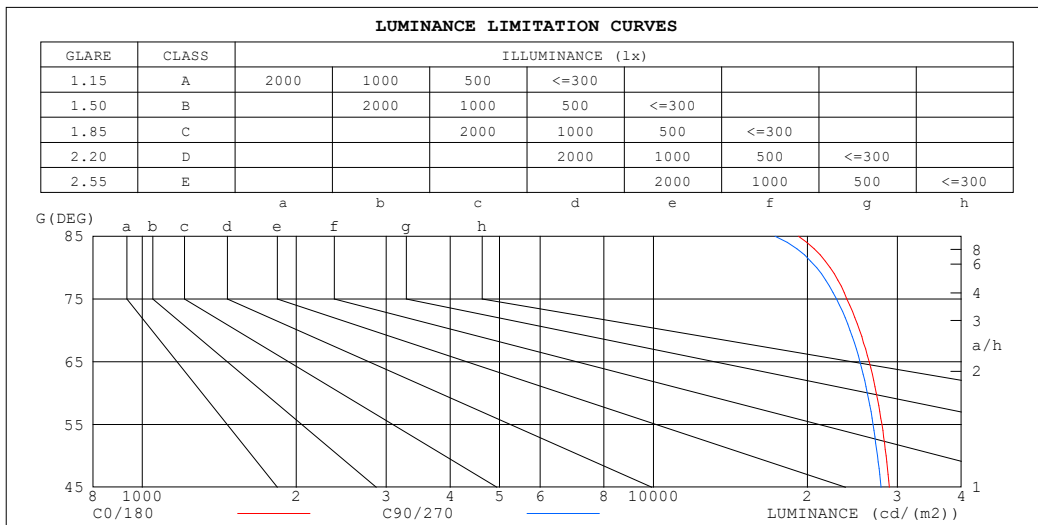
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	891.1	870.5	863.3	860.8	890.8	871.5	865.5	863.9	0- 10	83.65	83.65	3.23,3.23
20	844.8	824.7	817.2	814.4	844.3	826.6	821.7	820.4	10- 20	239.8	323.5	12.5,12.5
30	770.0	751.0	743.7	740.7	769.4	753.7	749.9	749.2	20- 30	364.2	687.7	26.5,26.5
40	669.7	652.6	645.4	642.4	669.0	656.1	653.4	653.2	30- 40	440.6	1128	43.5,43.5
50	547.1	532.6	526.3	523.1	546.5	536.8	535.3	535.5	40- 50	459.1	1587	61.3,61.3
60	407.4	396.5	391.0	387.6	406.9	401.3	401.1	401.2	50- 60	417.3	2005	77.4,77.4
70	258.2	251.6	247.5	243.3	258.1	256.4	257.6	257.4	60- 70	322.1	2327	89.8,89.8
80	114.9	111.5	108.0	103.5	113.3	115.6	118.1	117.2	70- 80	191.4	2518	97.2,97.2
90	1.018	0.9625	0.9386	0.9523	0.7643	0.7987	0.9889	1.093	80- 90	53.45	2572	99.3,99.3
100	1.531	1.535	1.563	1.551	1.355	1.283	1.218	1.238	90-100	1.197	2573	99.3,99.3
110	2.357	2.308	2.338	2.325	2.129	2.002	1.941	1.943	100-110	1.873	2575	99.4,99.4
120	3.187	3.136	3.130	3.145	2.926	2.782	2.688	2.717	110-120	2.529	2577	99.5,99.5
130	3.985	3.917	3.921	3.955	3.734	3.566	3.468	3.518	120-130	2.994	2580	99.6,99.6
140	4.686	4.595	4.616	4.624	4.470	4.276	4.200	4.217	130-140	3.161	2583	99.7,99.7
150	5.287	5.171	5.200	5.171	5.126	4.902	4.833	4.812	140-150	2.969	2586	99.8,99.8
160	5.755	5.749	5.655	5.637	5.660	5.547	5.350	5.362	150-160	2.446	2589	99.9,99.9
170	6.064	5.980	6.024	6.002	6.047	5.873	5.772	5.808	160-170	1.628	2590	100,100
180	6.227	6.097	6.058	6.067	6.221	6.100	6.047	6.067	170-180	0.5735	2591	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm		
NAME: P101006	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D195	Shielding Angle:



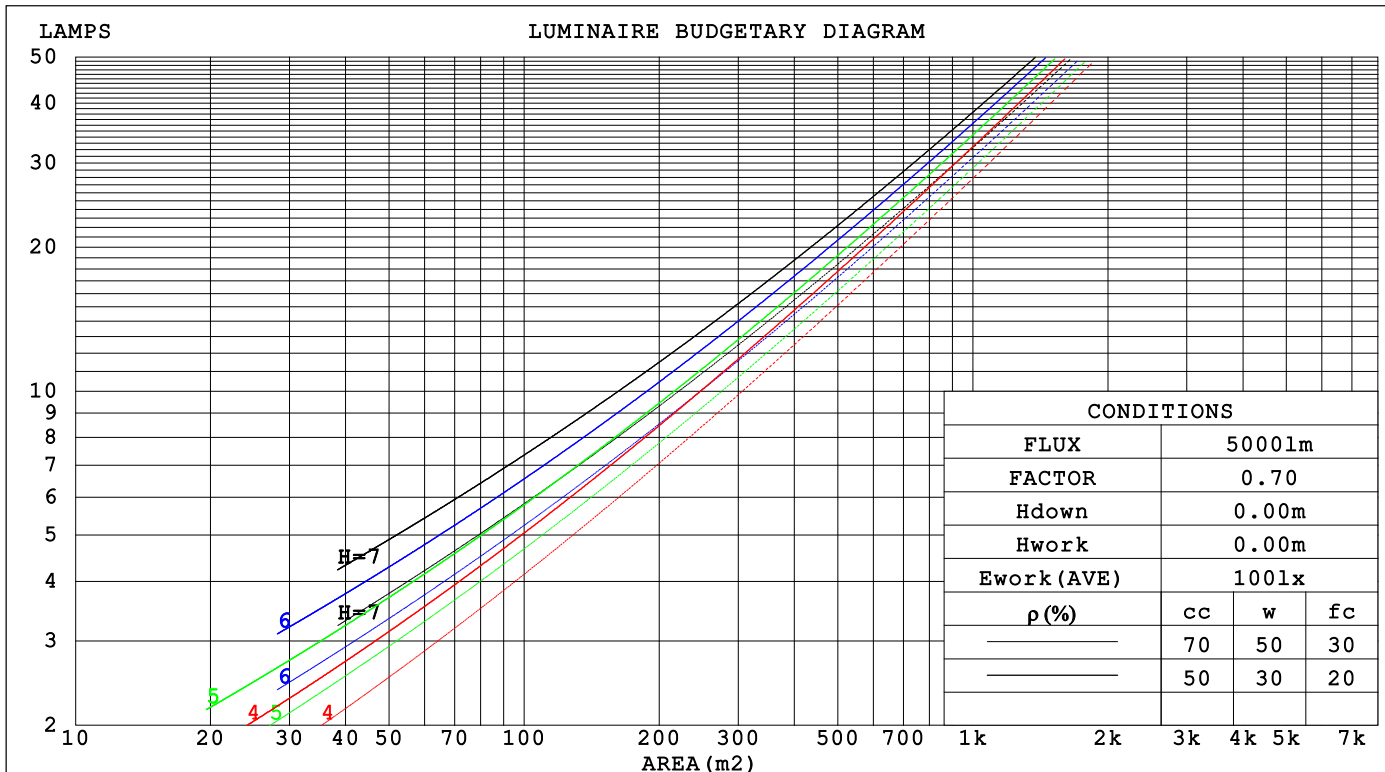
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm		
NAME: P101006	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D195	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.94	.97	.93	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.71	.66	.61	.69	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm					
NAME: P101006			TYPE: 4000K		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.:			SUR.: D195		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	.293	.168	.054	.281	.162	.052	.269	.156	.050		
2.0	.295	.162	.050	.288	.159	.049	.276	.154	.048	.265	.149	.047	.255	.144	.045		
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	.236	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.203	.109	.033		
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025		
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.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	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.186	.162	.140	.159	.139	.120	.109	.096	.083	.063	.055	.048	.020	.018	.016		
2.0	.178	.138	.103	.153	.119	.089	.105	.082	.062	.060	.048	.037	.019	.015	.012		
3.0	.171	.120	.080	.146	.104	.069	.100	.072	.049	.058	.042	.029	.019	.014	.009		
4.0	.163	.107	.064	.140	.092	.056	.096	.064	.039	.056	.038	.023	.018	.012	.008		
5.0	.156	.096	.053	.134	.083	.046	.092	.058	.032	.053	.034	.019	.017	.011	.006		
6.0	.148	.088	.045	.128	.076	.039	.088	.053	.028	.051	.031	.016	.016	.010	.005		
7.0	.142	.081	.039	.122	.070	.034	.084	.049	.024	.049	.029	.014	.016	.010	.005		
8.0	.135	.075	.035	.116	.065	.030	.080	.046	.021	.047	.027	.013	.015	.009	.004		
9.0	.129	.071	.031	.111	.061	.027	.077	.043	.019	.045	.025	.011	.015	.008	.004		
10.0	.123	.066	.028	.106	.058	.025	.074	.040	.018	.043	.024	.010	.014	.008	.003		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm											
NAME: P101006					TYPE: 4000K			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: D195			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		21.1	22.6	21.4	22.9	23.1	20.9	22.5	21.2	22.7	22.9
3H		22.7	24.1	23.0	24.4	24.6	22.5	23.9	22.8	24.1	24.4
4H		23.4	24.7	23.7	25.0	25.2	23.1	24.5	23.4	24.7	25.0
6H		23.8	25.1	24.2	25.4	25.7	23.6	24.8	23.9	25.1	25.4
8H		24.0	25.2	24.4	25.5	25.8	23.7	24.9	24.1	25.2	25.6
12H		24.1	25.3	24.5	25.6	25.9	23.8	25.0	24.2	25.3	25.6
4H 2H		21.7	23.1	22.0	23.3	23.6	21.6	22.9	21.9	23.2	23.5
3H		23.5	24.7	23.8	25.0	25.3	23.3	24.5	23.7	24.8	25.1
4H		24.3	25.3	24.6	25.7	26.0	24.1	25.1	24.5	25.5	25.8
6H		24.9	25.8	25.3	26.2	26.6	24.7	25.6	25.1	26.0	26.4
8H		25.1	26.0	25.5	26.4	26.8	24.9	25.8	25.3	26.1	26.5
12H		25.3	26.1	25.7	26.5	26.9	25.0	25.8	25.4	26.2	26.6
8H 4H		24.5	25.4	25.0	25.8	26.2	24.4	25.3	24.8	25.6	26.0
6H		25.3	26.1	25.8	26.5	26.9	25.1	25.9	25.6	26.3	26.7
8H		25.6	26.3	26.1	26.7	27.2	25.4	26.1	25.9	26.5	27.0
12H		25.9	26.4	26.4	26.9	27.4	25.6	26.2	26.1	26.6	27.1
12H 4H		24.5	25.4	25.0	25.8	26.2	24.4	25.2	24.8	25.6	26.0
6H		25.4	26.0	25.8	26.5	26.9	25.2	25.8	25.7	26.3	26.8
8H		25.7	26.3	26.2	26.8	27.3	25.5	26.1	26.0	26.6	27.0
Variations with the observer position at spacings(CIE Pub.117):											
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					+ 0.1 / - 0.3				

CIE Pub.117, 2591 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.3)
Area: 0.02985 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm		
NAME: P101006	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D195	Shielding Angle:

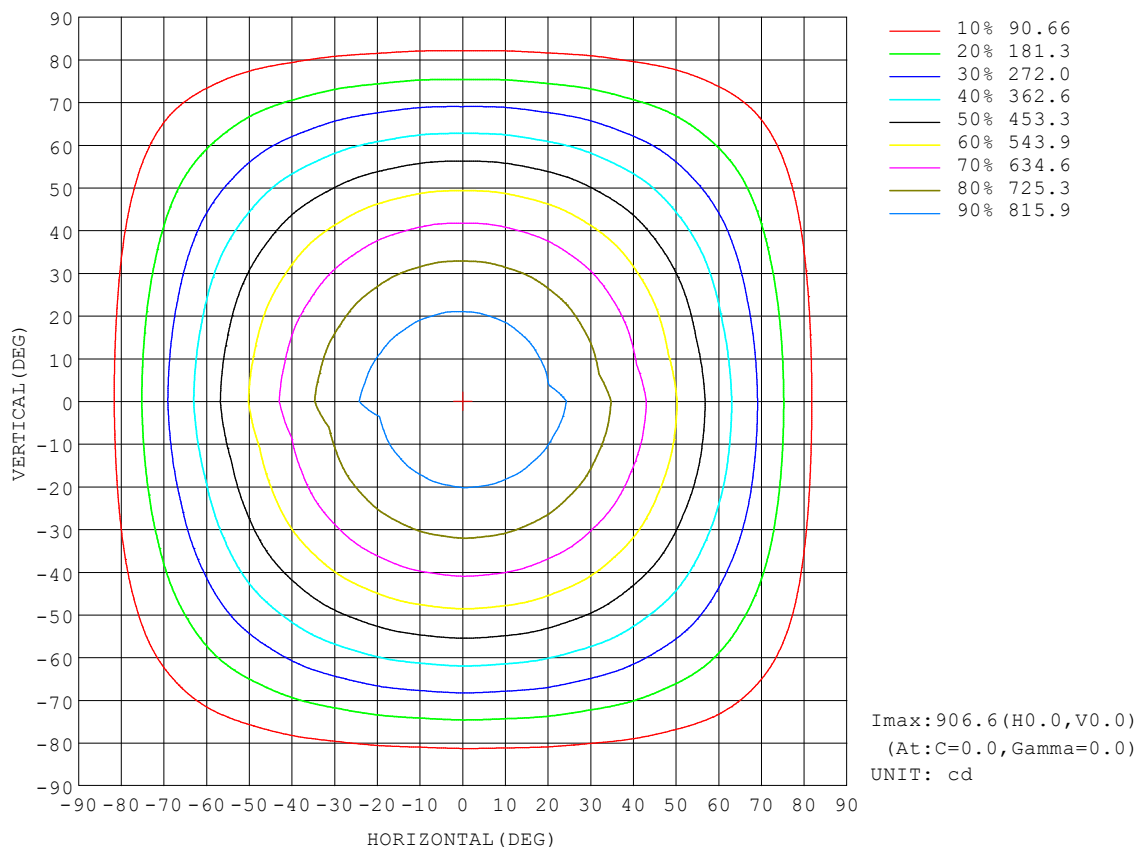
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	94	85
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: CAM
Test Date: 02 September 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 8.910m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm		
NAME: P101006	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D195	Shielding Angle:

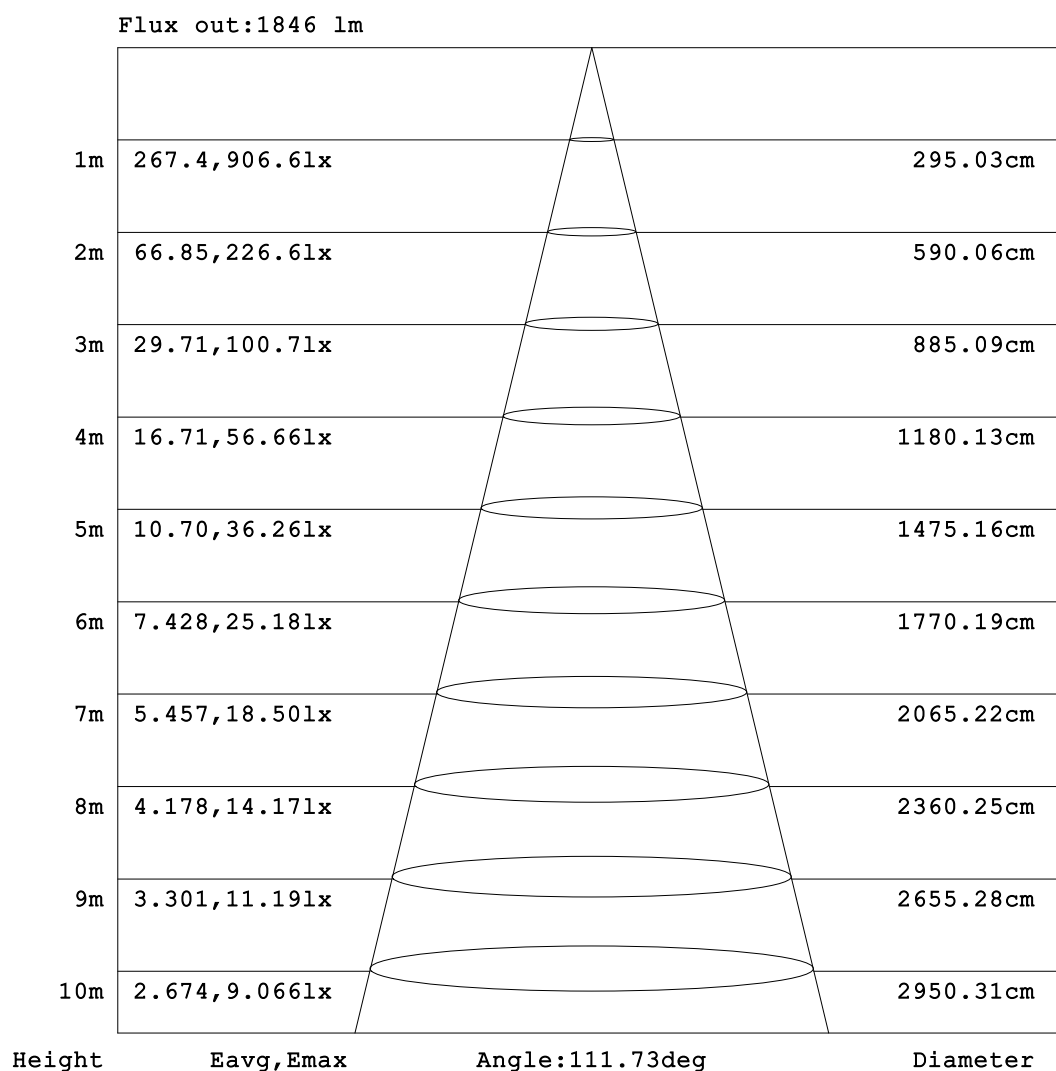


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:CAM
Test Date:02 September 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

AAI Figure

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm		
NAME: P101006	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D195	Shielding Angle:



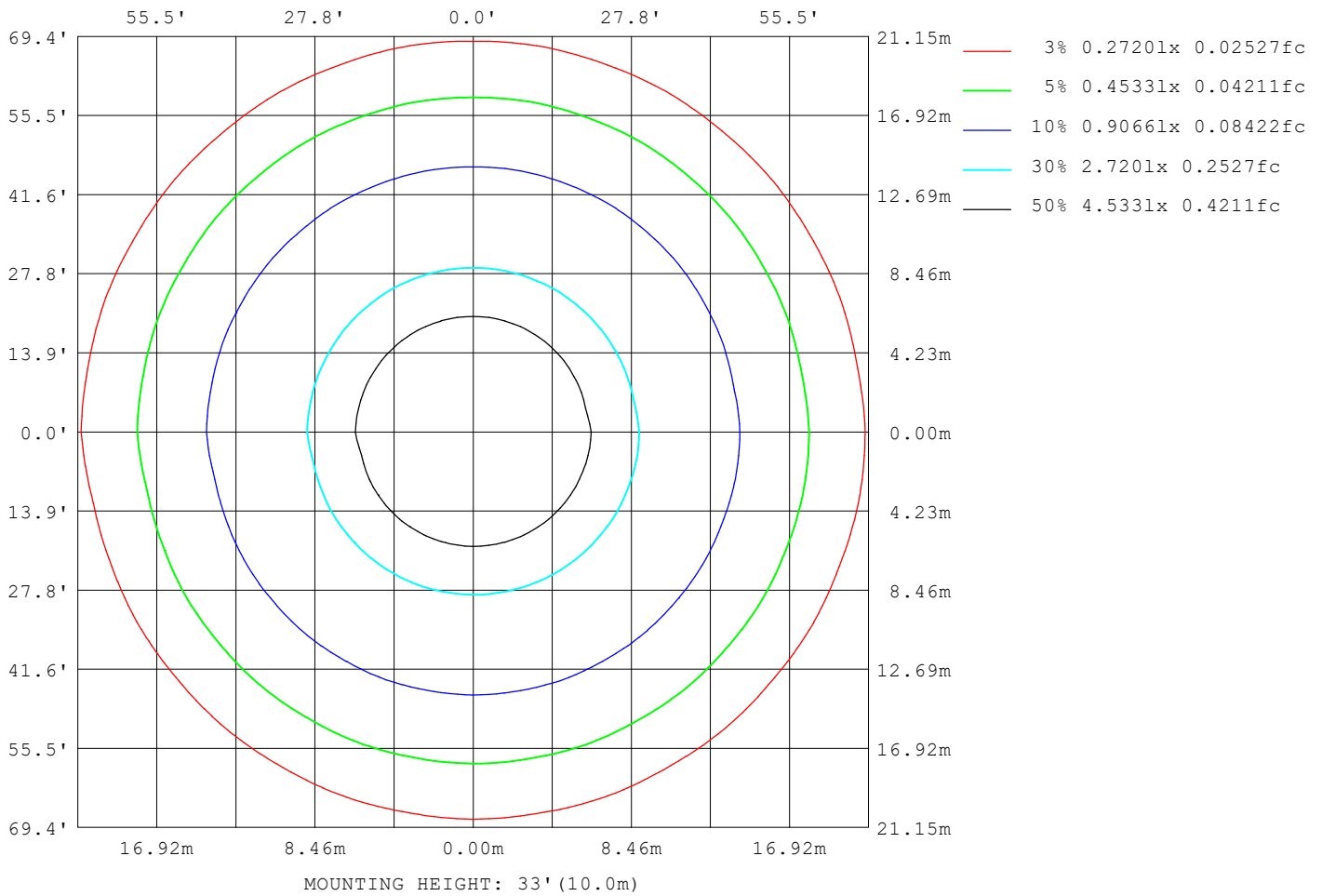
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:CAM
 Test Date:02 September 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:8.910m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm		
NAME: P101006	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D195	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:CAM
Test Date:02 September 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:8.910m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm		
NAME: P101006	TYPE: 4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: D195	Shielding Angle:

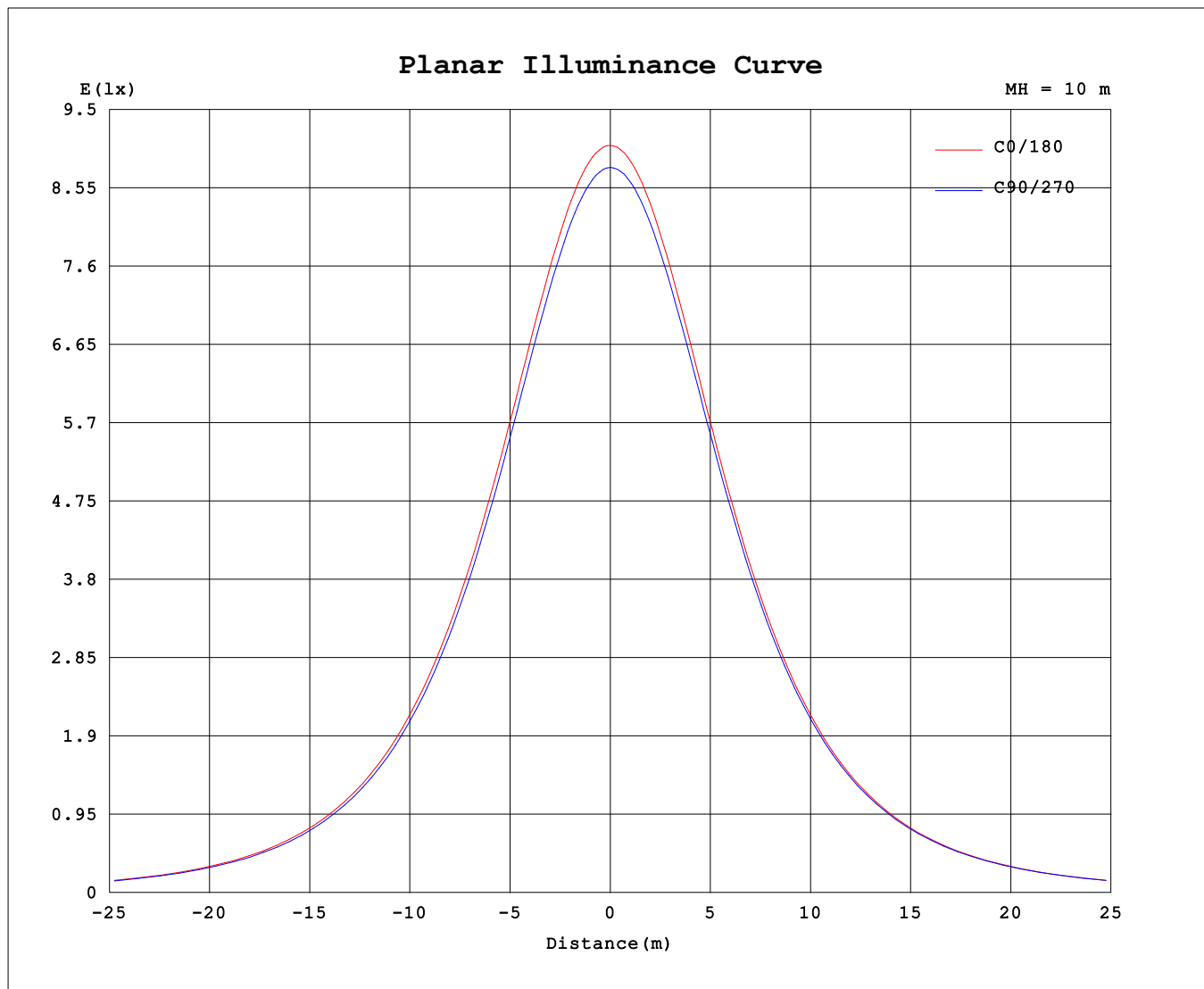
AvgL	cd/m2
L_0~180 (65) av	26415
L_0~180 (75) av	23852
L_0~180 (85) av	18293
L_90~270 (65) av	25739
L_90~270 (75) av	23450
L_90~270 (85) av	18770
L_45 (65) av	25748
L_45 (75) av	23353
L_45 (85) av	17110

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:CAM
 Test Date:02 September 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:8.910m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators: CAM
 Test Date: 02 September 2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 8.910m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm																		
NAME: P101006									TYPE: 4000K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.:									SUR.: D195					Shielding Angle:				

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	907	900	895	891	888	885	883	882	881	880	879	878	878	878	877	877	877	877	907
5	903	897	891	887	883	881	879	877	876	875	874	874	873	873	873	873	872	873	903
10	891	885	879	875	872	869	867	865	864	863	862	862	861	861	861	861	860	860	891
15	872	866	860	856	852	850	847	846	844	844	842	842	841	842	841	841	841	841	871
20	845	839	833	830	826	824	821	819	818	817	816	816	814	815	814	815	814	815	844
25	811	806	800	797	792	790	787	786	784	784	782	782	781	781	780	781	780	782	810
30	770	766	759	756	752	750	747	746	744	744	742	742	740	741	740	741	740	742	769
35	723	719	713	710	705	704	701	700	697	697	695	696	694	695	694	695	694	696	722
40	670	666	660	658	653	652	648	648	645	645	643	644	642	643	642	643	642	644	669
45	611	608	602	600	595	594	591	591	588	588	586	587	585	586	584	586	585	587	610
50	547	545	539	538	533	532	529	529	526	526	524	525	522	524	522	524	523	525	547
55	479	477	472	471	466	466	462	463	460	460	458	459	456	458	456	458	456	459	478
60	407	406	401	401	396	397	393	394	390	391	388	389	387	389	386	389	387	389	407
65	333	333	328	328	324	325	321	322	318	320	317	318	315	317	314	317	315	318	333
70	258	259	254	255	251	252	249	250	246	248	244	246	243	244	242	244	242	245	258
75	185	185	181	183	179	180	177	178	176	176	173	174	172	173	171	172	171	174	184
80	115	116	113	114	111	112	110	110	108	108	106	106	104	105	102	103	102	105	113
85	50.0	51.0	49.0	48.7	43.9	43.9	42.2	46.1	44.7	45.0	42.8	43.2	39.9	37.2	33.1	35.4	35.1	38.0	45.2
90	1.02	1.00	1.03	0.94	0.99	0.93	1.00	0.95	0.97	0.94	0.96	0.94	0.97	0.95	0.95	0.94	0.95	0.92	0.76
95	1.17	1.21	1.18	1.22	1.17	1.22	1.17	1.21	1.17	1.21	1.18	1.21	1.18	1.23	1.19	1.22	1.18	1.21	1.02
100	1.53	1.56	1.53	1.56	1.52	1.55	1.51	1.56	1.53	1.56	1.53	1.57	1.53	1.57	1.53	1.56	1.53	1.56	1.36
105	1.93	1.95	1.91	1.93	1.90	1.93	1.90	1.93	1.90	1.94	1.91	1.94	1.90	1.94	1.90	1.94	1.91	1.95	1.73
110	2.36	2.36	2.32	2.34	2.29	2.33	2.29	2.33	2.30	2.34	2.31	2.34	2.31	2.34	2.31	2.35	2.33	2.35	2.13
115	2.77	2.79	2.72	2.75	2.71	2.74	2.69	2.73	2.70	2.74	2.70	2.74	2.70	2.75	2.71	2.78	2.73	2.77	2.52
120	3.19	3.20	3.13	3.16	3.13	3.14	3.09	3.12	3.08	3.13	3.10	3.12	3.10	3.15	3.14	3.19	3.14	3.17	2.93
125	3.60	3.60	3.53	3.55	3.53	3.54	3.49	3.53	3.50	3.53	3.50	3.53	3.51	3.57	3.55	3.58	3.55	3.57	3.34
130	3.99	4.00	3.92	3.93	3.90	3.93	3.87	3.90	3.88	3.92	3.88	3.92	3.92	3.98	3.94	3.96	3.92	3.95	3.73
135	4.34	4.36	4.27	4.30	4.26	4.28	4.22	4.26	4.23	4.27	4.25	4.27	4.25	4.31	4.28	4.31	4.27	4.31	4.11
140	4.69	4.70	4.61	4.64	4.57	4.62	4.55	4.59	4.54	4.62	4.58	4.59	4.56	4.64	4.60	4.64	4.60	4.64	4.47
145	5.00	5.02	4.91	4.95	4.86	4.90	4.86	4.88	4.86	4.91	4.86	4.90	4.86	4.90	4.86	4.94	4.88	4.94	4.80
150	5.29	5.30	5.20	5.22	5.15	5.19	5.12	5.16	5.15	5.20	5.13	5.17	5.12	5.19	5.15	5.19	5.14	5.22	5.13
155	5.54	5.55	5.44	5.49	5.42	5.46	5.38	5.43	5.38	5.43	5.39	5.44	5.38	5.45	5.40	5.45	5.39	5.45	5.39
160	5.75	5.77	5.66	5.78	5.73	5.77	5.72	5.68	5.61	5.65	5.62	5.67	5.62	5.67	5.61	5.67	5.63	5.67	5.66
165	5.93	5.96	5.84	5.92	5.93	5.95	5.88	5.85	5.79	5.85	5.80	5.85	5.79	5.85	5.79	5.84	5.81	5.85	5.87
170	6.06	6.09	5.98	6.01	5.95	6.01	5.93	5.99	5.93	6.02	5.96	6.00	5.95	6.02	5.99	6.04	6.02	5.99	6.05
175	6.22	6.19	6.07	6.11	6.05	6.10	6.02	6.06	6.05	6.08	6.04	6.09	6.05	6.11	6.09	6.12	6.09	6.09	6.22
180	6.23	6.22	6.11	6.12	6.09	6.10	6.06	6.06	6.06	6.06	6.05	6.05	6.06	6.06	6.07	6.05	6.05	6.04	6.22

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:02 September 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.39V I:0.1883A P:24.034W PF:0.5310 Freq:50.00Hz Lamp Flux:2591x1 lm																	
NAME: P101006									TYPE: 4000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: D195						Shielding Angle:		

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	900	895	891	888	885	883	882	881	880	879	878	878	878	877	877	877	877		
5	896	891	887	884	881	880	878	877	876	876	875	875	875	874	874	874	874		
10	884	880	875	873	870	869	867	867	866	865	864	865	864	864	863	863	863		
15	865	860	856	854	851	850	849	848	847	847	846	846	846	846	845	845	844		
20	838	834	830	828	825	825	823	823	822	822	821	821	820	821	819	820	819		
25	804	801	796	795	792	792	790	790	789	790	789	789	788	788	787	788	786		
30	763	760	756	755	752	752	751	751	750	751	749	750	749	750	748	749	747		
35	716	714	710	709	707	707	705	706	705	706	704	705	704	705	703	704	702		
40	663	662	657	657	655	656	654	655	653	655	653	654	653	654	652	653	651		
45	604	604	600	600	598	599	597	598	597	598	597	598	596	597	595	596	594		
50	541	541	537	538	536	537	535	537	535	537	535	537	535	536	534	535	533		
55	474	474	471	472	470	471	470	471	470	472	470	471	469	471	468	470	467		
60	403	404	401	402	400	402	400	403	401	403	401	403	401	402	400	401	398		
65	329	331	328	330	328	331	329	332	330	332	330	332	329	331	328	329	326		
70	255	257	255	257	255	258	257	259	258	260	258	259	257	258	255	257	254		
75	181	184	182	185	184	187	185	188	186	188	186	188	185	187	184	185	183		
80	112	114	114	116	115	118	117	119	118	120	118	119	117	118	116	117	115		
85	47.8	50.0	48.4	49.3	48.0	50.4	51.1	53.6	52.7	54.5	53.6	53.3	50.2	52.1	51.4	53.6	51.6		
90	0.85	0.78	0.84	0.77	0.82	0.79	0.85	0.92	0.99	1.18	1.10	1.23	1.00	1.19	1.20	1.62	1.30		
95	0.98	1.01	0.97	0.99	0.95	0.98	0.94	0.96	0.93	0.95	0.91	0.95	0.91	0.95	0.91	0.95	0.91		
100	1.30	1.32	1.27	1.31	1.26	1.29	1.24	1.27	1.22	1.26	1.21	1.25	1.22	1.26	1.22	1.25	1.22		
105	1.66	1.69	1.63	1.65	1.61	1.64	1.59	1.62	1.57	1.60	1.56	1.60	1.56	1.60	1.57	1.61	1.59		
110	2.05	2.07	2.00	2.03	1.98	2.01	1.97	1.98	1.94	1.97	1.92	1.96	1.92	1.96	1.93	1.99	1.96		
115	2.45	2.46	2.40	2.41	2.36	2.38	2.33	2.36	2.32	2.34	2.30	2.34	2.31	2.35	2.33	2.38	2.35		
120	2.84	2.85	2.79	2.83	2.74	2.76	2.71	2.73	2.69	2.72	2.68	2.72	2.69	2.75	2.73	2.76	2.73		
125	3.25	3.25	3.18	3.22	3.15	3.15	3.10	3.13	3.08	3.11	3.07	3.10	3.10	3.15	3.12	3.16	3.12		
130	3.64	3.64	3.56	3.60	3.53	3.54	3.49	3.52	3.47	3.50	3.46	3.52	3.50	3.53	3.50	3.54	3.51		
135	4.01	4.02	3.94	3.97	3.90	3.91	3.86	3.89	3.83	3.86	3.82	3.87	3.85	3.90	3.86	3.90	3.86		
140	4.37	4.37	4.30	4.31	4.24	4.26	4.20	4.23	4.20	4.22	4.17	4.22	4.19	4.25	4.19	4.25	4.21		
145	4.70	4.71	4.63	4.65	4.56	4.58	4.51	4.56	4.52	4.52	4.47	4.53	4.49	4.54	4.51	4.57	4.54		
150	5.02	5.02	4.92	4.94	4.86	4.87	4.81	4.91	4.83	4.83	4.78	4.82	4.79	4.83	4.79	4.85	4.83		
155	5.28	5.30	5.20	5.24	5.15	5.17	5.11	5.16	5.08	5.12	5.07	5.12	5.08	5.13	5.08	5.13	5.09		
160	5.54	5.57	5.56	5.58	5.51	5.55	5.40	5.42	5.35	5.39	5.35	5.39	5.34	5.38	5.34	5.38	5.35		
165	5.75	5.79	5.79	5.84	5.78	5.77	5.63	5.67	5.59	5.64	5.58	5.62	5.57	5.60	5.55	5.60	5.56		
170	5.94	5.98	5.87	5.91	5.84	5.85	5.78	5.83	5.77	5.86	5.81	5.84	5.79	5.83	5.78	5.83	5.76		
175	6.07	6.11	6.02	6.07	5.97	5.99	5.95	6.01	5.95	6.00	5.96	6.02	5.96	6.00	5.95	6.01	5.96		
180	6.14	6.15	6.10	6.11	6.09	6.09	6.03	6.03	6.05	6.05	6.05	6.05	6.07	6.06	6.05	6.04	6.04		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:CAM

Test Date:02 September 2025

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.473

Humidity:65.0%

Test Distance:8.910m [K=1.0000]

Remarks: