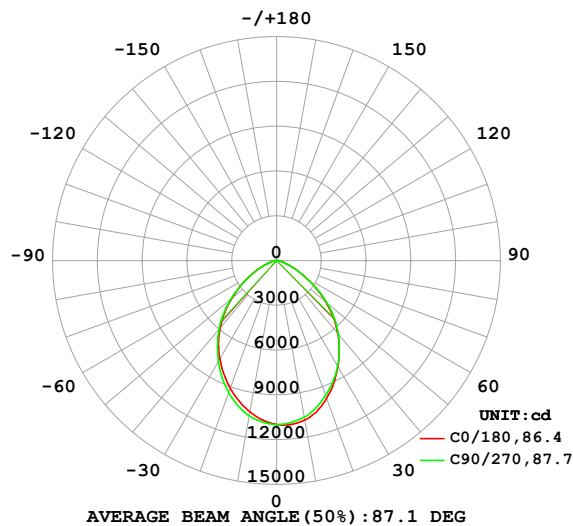


LUMINAIRE PHOTOMETRIC TEST REPORT

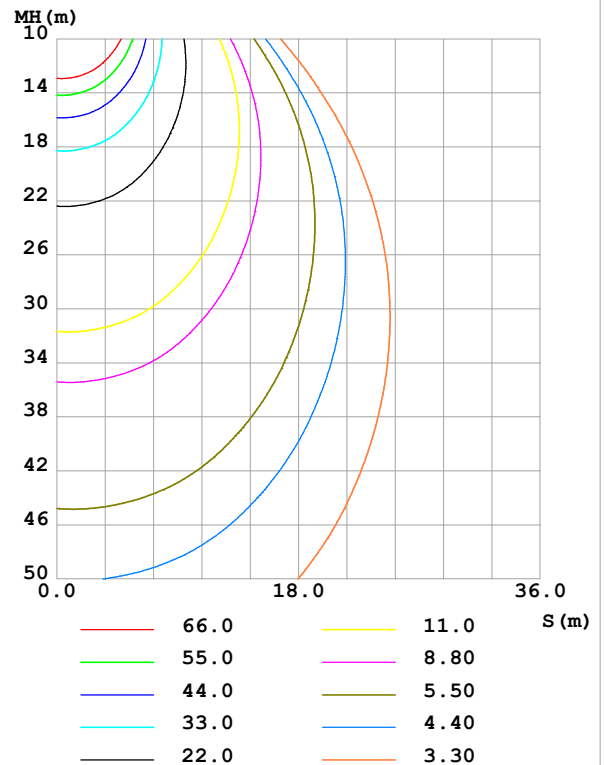
Test:U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm		
NAME: H1006P		
SPEC.: PHILIPS/MID		
MFR.: SOTEN		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.89 lm/W			
MODEL	2835	I _{max} (cd)	11031	S/MH (C0/180)	1.06
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.09
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	21081	η UP, DN (C0-180)	0.0, 51.3
NOMINAL FLUX (lm)	21081	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 48.7
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	100.0	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28 °C
Operators: Li
Test Date: 2025-12-22

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.485
Humidity: 75%
Test Distance: 8.458m [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	1085	1080	1066	1044	1030	1033	1056	1078	0- 10	1029	1029	4.88, 4.88
20	982.2	975.9	961.5	935.5	910.6	911.6	941.0	969.6	10- 20	2843	3872	18.4, 18.4
30	821.7	820.6	816.9	792.8	762.4	758.6	780.0	803.7	20- 30	4025	7897	37.5, 37.5
40	638.5	646.2	645.0	619.1	589.5	582.4	601.4	618.9	30- 40	4424	12321	58.4, 58.4
50	432.9	440.0	441.5	413.8	391.5	382.2	400.6	411.2	40- 50	3990	16311	77.4, 77.4
60	223.8	228.2	223.2	212.8	207.8	201.2	202.8	202.0	50- 60	2764	19074	90.5, 90.5
70	82.31	84.11	81.35	77.98	77.03	76.58	75.72	73.58	60- 70	1392	20466	97.1, 97.1
80	26.97	27.17	25.00	24.78	26.19	25.88	23.91	24.07	70- 80	493.4	20960	99.4, 99.4
90	1.222	1.197	1.220	1.241	1.163	1.173	1.169	1.132	80- 90	121.2	21081	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:X10cd									UNIT:lm		

Conical surface Flux(90deg): 14426 lm

%lum = 68.4%

%lamp = 68.4%

Conical surface Flux(130deg): 19922 lm

%lum = 94.5%

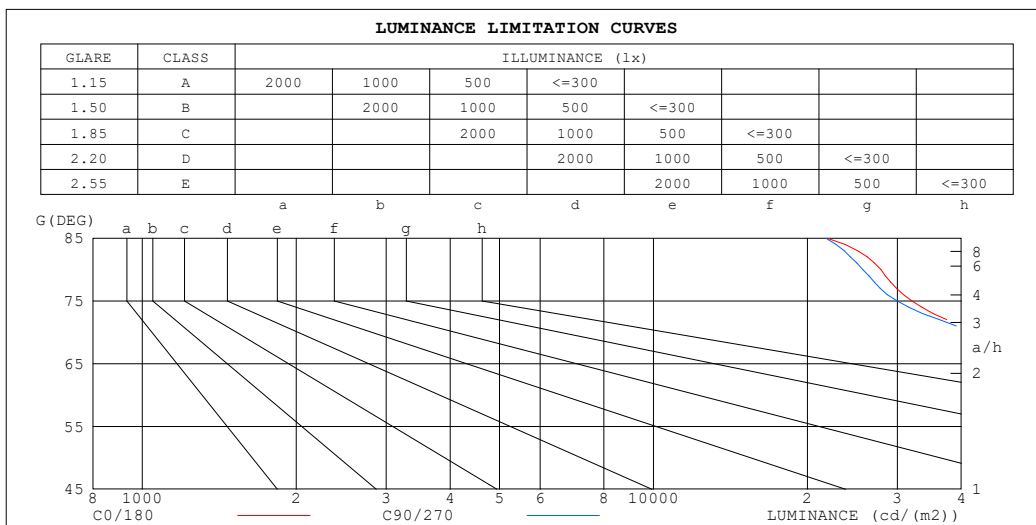
%lamp = 94.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28℃
 Operators: Li
 Test Date: 2025-12-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.485
 Humidity: 75%
 Test Distance: 8.458m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm		
NAME: H1006P		
SPEC.: PHILIPS/MID		
MFR.: SOTEN		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	21891	21749
80	27862	25687
75	32056	30007
70	43169	42431
65	61275	60510
60	80288	79625
55	101029	102071
50	120819	122520
45	136721	138404

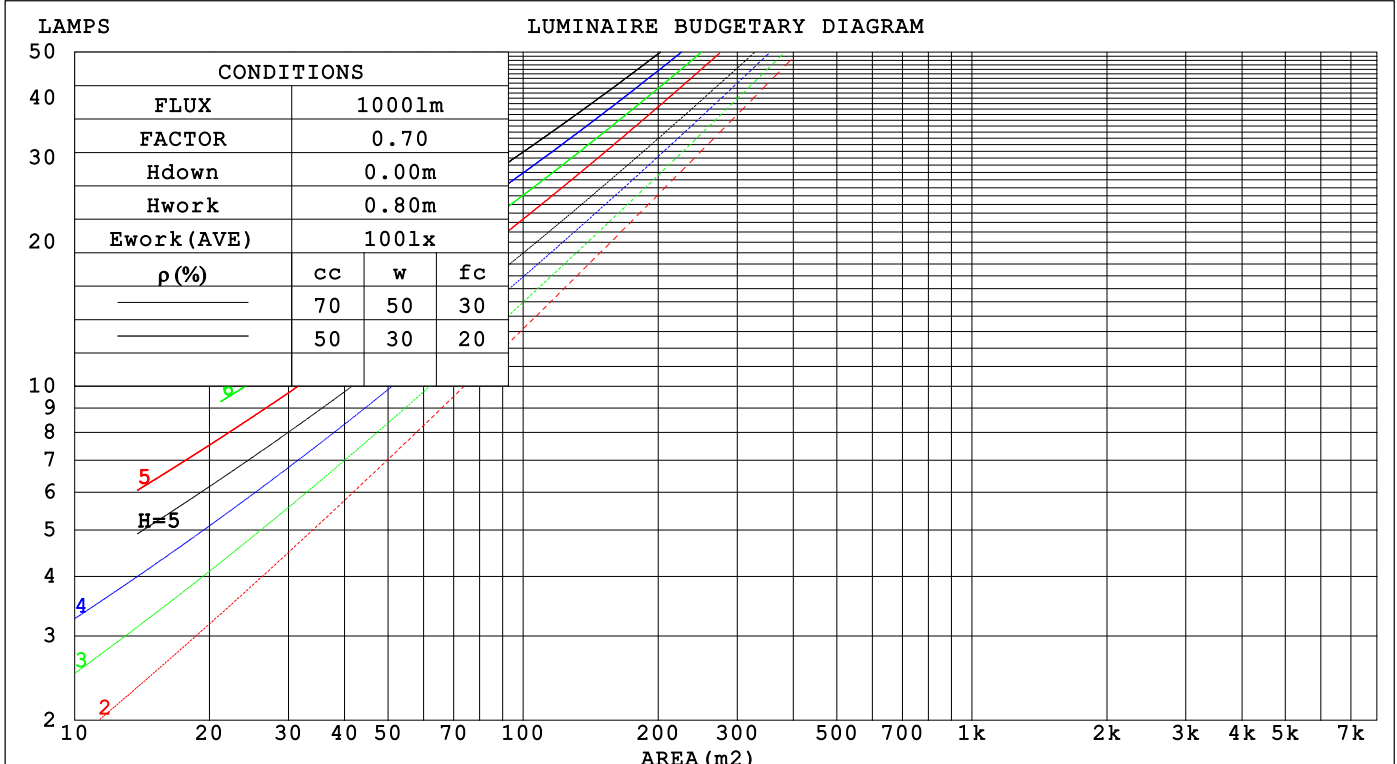
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28℃
Operators:Li
Test Date:2025-12-22

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.485
Humidity:75%
Test Distance:8.458m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm		
NAME: H1006P		
SPEC.: PHILIPS/MID		
MFR.: SOTEN		

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															



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28℃
Operators:Li
Test Date:2025-12-22

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.485
Humidity:75%
Test Distance:8.458m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm		
NAME: H1006P		
SPEC.: PHILIPS/MID		
MFR.: SOTEN		

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	.250	.142	.045	.243	.139	.044	.230	.132	.042	.218	.126	.040	.207	.120	.039															
2.0	.242	.133	.041	.236	.130	.040	.225	.125	.039	.214	.120	.038	.205	.116	.037															
3.0	.229	.122	.037	.224	.120	.036	.214	.116	.035	.205	.112	.034	.197	.109	.034															
4.0	.216	.112	.033	.211	.111	.033	.203	.107	.032	.195	.104	.032	.187	.102	.031															
5.0	.203	.103	.030	.199	.102	.030	.191	.100	.029	.184	.097	.029	.177	.095	.028															
6.0	.191	.096	.027	.187	.095	.027	.180	.092	.027	.174	.090	.027	.168	.088	.026															
7.0	.180	.089	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025	.159	.083	.024															
8.0	.169	.083	.023	.166	.082	.023	.161	.080	.023	.156	.079	.023	.151	.077	.023															
9.0	.160	.077	.022	.157	.077	.022	.152	.075	.021	.148	.074	.021	.143	.073	.021															
10.0	.151	.073	.020	.149	.072	.020	.145	.071	.020	.140	.070	.020	.136	.069	.020															

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.139	.151	.134	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.166	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.134	.098	.069	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.149	.100	.063	.128	.087	.055	.088	.060	.039	.051	.035	.023	.016	.012	.008	
5.0	.141	.089	.051	.121	.077	.045	.084	.054	.031	.048	.032	.019	.016	.010	.006	
6.0	.135	.081	.042	.116	.070	.037	.080	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.128	.074	.036	.110	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.122	.068	.031	.105	.059	.027	.073	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.117	.063	.027	.100	.055	.023	.070	.038	.017	.041	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.096	.051	.021	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28℃
 Operators:Li
 Test Date:2025-12-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.485
 Humidity:75%
 Test Distance:8.458m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz										
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm										
NAME: H1006P										
SPEC.: PHILIPS/MID										
MFR.: SOTEN										
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	28.6	29.9	28.9	30.1	30.3	28.6	29.9	28.8	30.1	30.3
3H	29.0	30.2	29.3	30.5	30.7	29.0	30.2	29.2	30.4	30.6
4H	29.1	30.2	29.4	30.5	30.7	29.0	30.2	29.3	30.4	30.7
6H	29.1	30.2	29.4	30.5	30.7	29.0	30.1	29.3	30.4	30.6
8H	29.1	30.2	29.4	30.4	30.7	29.0	30.1	29.3	30.3	30.6
12H	29.1	30.1	29.4	30.4	30.7	29.0	30.0	29.3	30.3	30.6
4H 2H	28.8	30.0	29.1	30.2	30.5	28.8	30.0	29.1	30.2	30.4
3H	29.3	30.3	29.7	30.6	30.9	29.3	30.3	29.6	30.6	30.9
4H	29.5	30.4	29.8	30.7	31.0	29.4	30.3	29.7	30.6	30.9
6H	29.6	30.4	30.0	30.7	31.1	29.4	30.2	29.8	30.6	31.0
8H	29.6	30.3	30.0	30.7	31.1	29.5	30.2	29.9	30.6	30.9
12H	29.6	30.3	30.0	30.6	31.0	29.5	30.1	29.9	30.5	30.9
8H 4H	29.5	30.2	29.9	30.6	30.9	29.4	30.1	29.8	30.5	30.9
6H	29.6	30.2	30.1	30.6	31.0	29.5	30.1	29.9	30.5	30.9
8H	29.7	30.2	30.1	30.6	31.1	29.6	30.1	30.0	30.5	31.0
12H	29.7	30.2	30.2	30.6	31.1	29.6	30.1	30.1	30.5	31.0
12H 4H	29.4	30.1	29.8	30.5	30.9	29.3	30.0	29.8	30.4	30.8
6H	29.6	30.1	30.1	30.6	31.0	29.5	30.0	29.9	30.5	30.9
8H	29.7	30.1	30.2	30.6	31.1	29.6	30.0	30.0	30.5	30.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.6 / - 0.7					+ 0.6 / - 0.7				
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
2.0H	+ 1.1 / - 1.2					+ 1.2 / - 1.4				

CIE Pub.117, 21081 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.6)
 Area: 0.056 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28℃
 Operators:Li
 Test Date:2025-12-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.485
 Humidity:75%
 Test Distance:8.458m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test: U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm		
NAME: H1006P		
SPEC.: PHILIPS/MID		
MFR.: SOTEN		

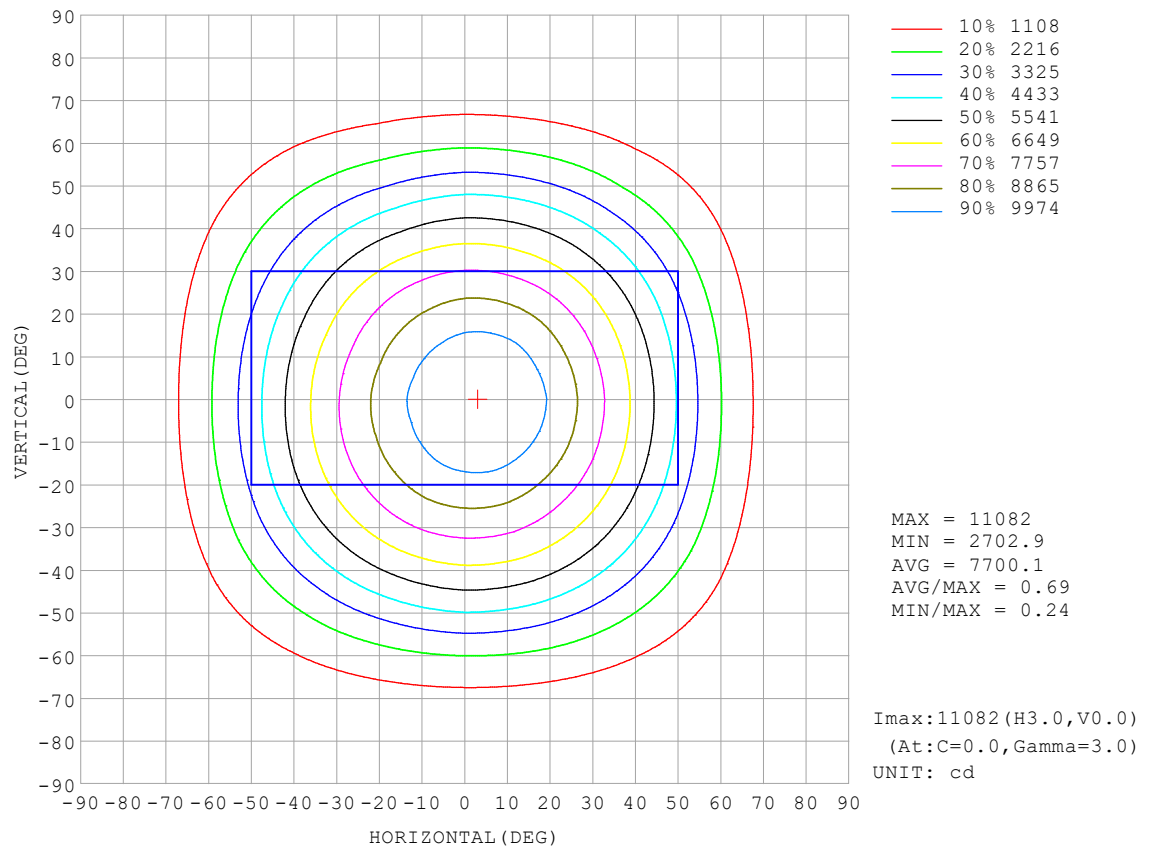
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	65	55	49	65	55	49	63	54	49	43
0.80	75	65	59	74	65	59	73	64	59	53
1.00	84	74	68	82	74	68	80	75	67	61
1.25	90	81	76	89	81	75	86	79	74	68
1.50	95	87	81	93	86	80	90	84	79	73
2.00	100	93	88	99	92	88	95	90	86	79
2.50	103	97	92	101	96	91	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	102	104	102	99	91
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28°C
 Operators: Li
 Test Date: 2025-12-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.485
 Humidity: 75%
 Test Distance: 8.458m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm		
NAME: H1006P		
SPEC.: PHILIPS/MID		
MFR.: SOTEN		

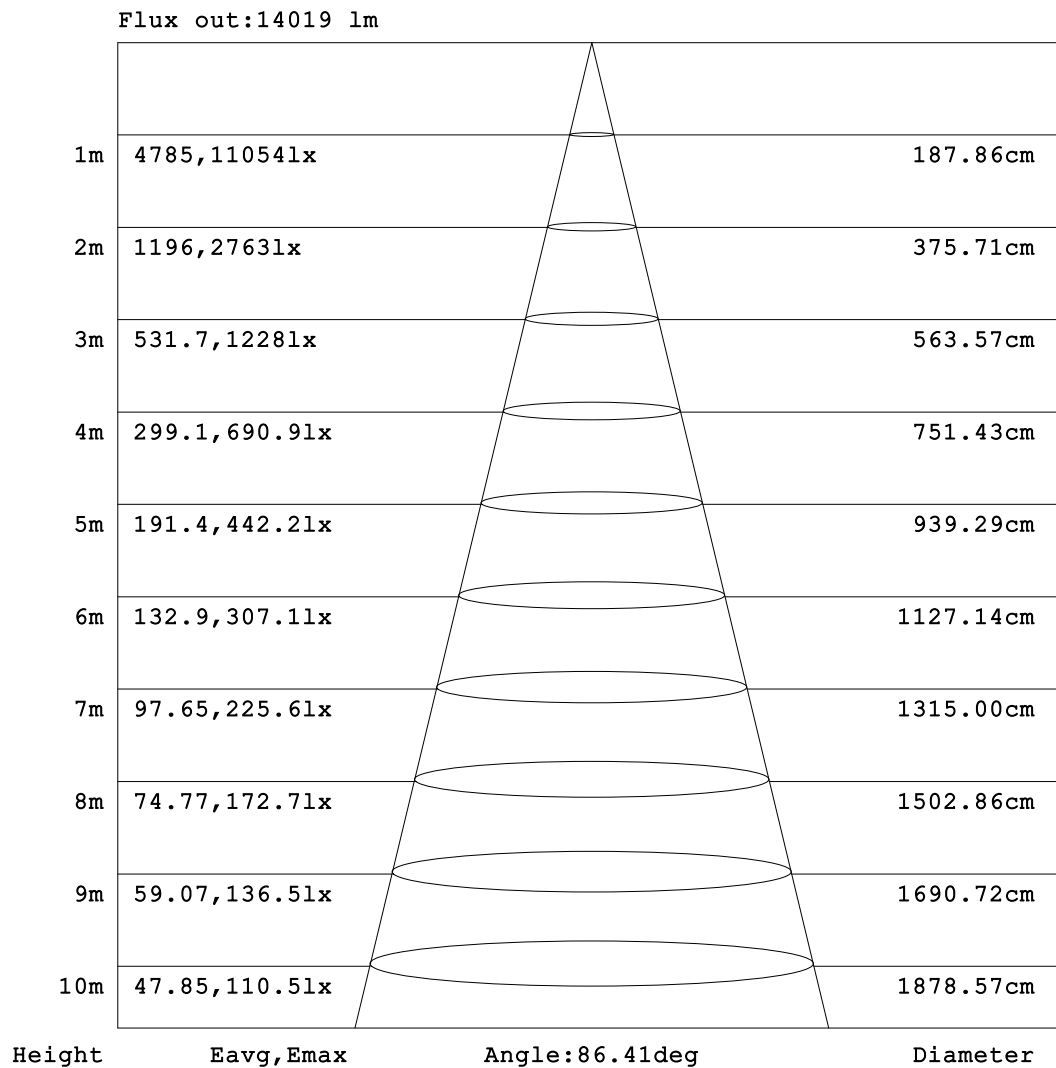


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28℃
 Operators:Li
 Test Date:2025-12-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.485
 Humidity:75%
 Test Distance:8.458m [K=1.0000]
 Remarks:

AAI Figure

Test:U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm		
NAME: H1006P		
SPEC.: PHILIPS/MID		
MFR.: SOTEN		



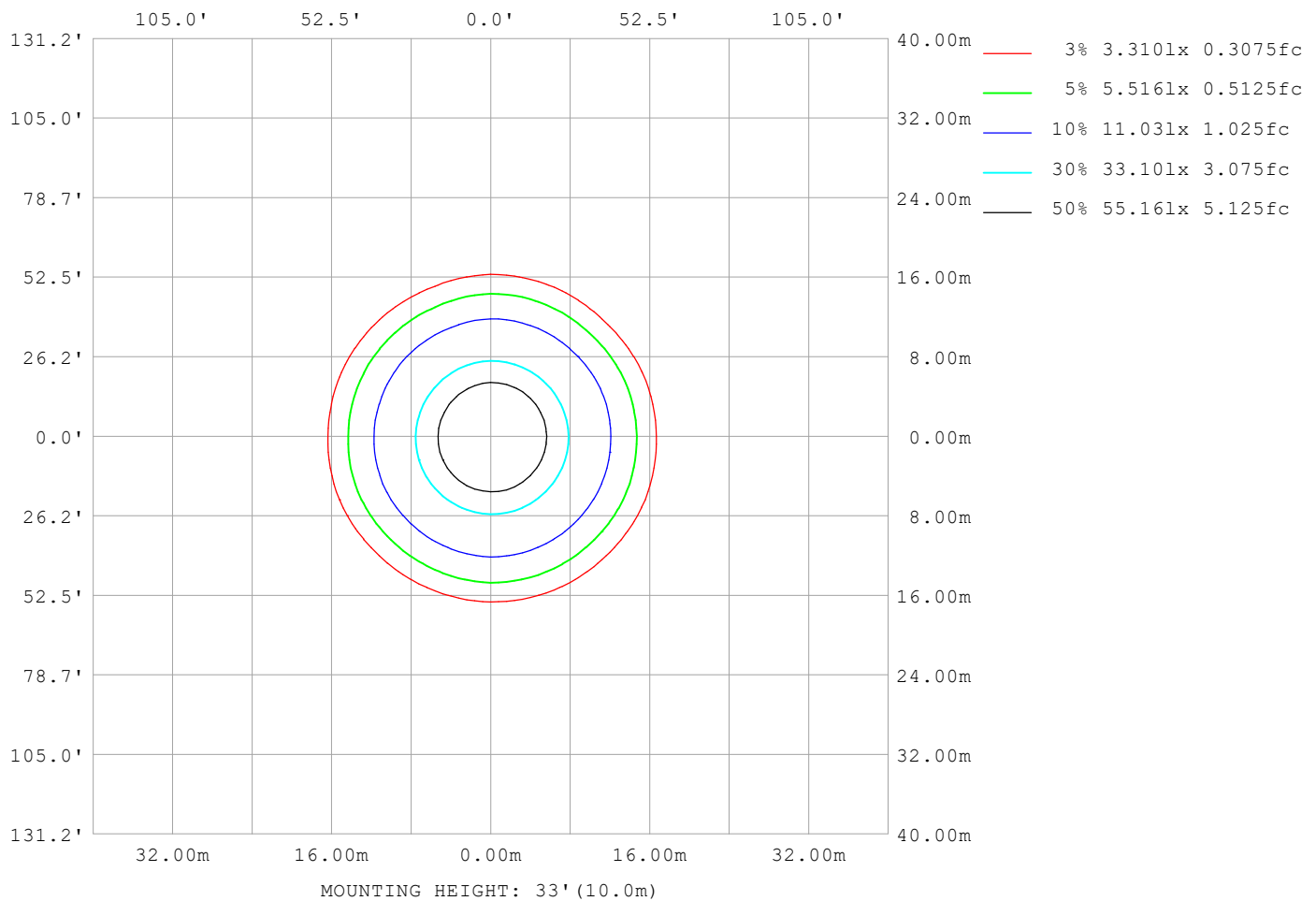
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28°C
 Operators: Li
 Test Date: 2025-12-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.485
 Humidity: 75%
 Test Distance: 8.458m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm		
NAME: H1006P		
SPEC.: PHILIPS/MID		
MFR.: SOTEN		



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28°C
 Operators: Li
 Test Date: 2025-12-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.485
 Humidity: 75%
 Test Distance: 8.458m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:229.96V I:0.705A P:155.13W PF:0.956 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21081x1 lm		
NAME: H1006P		
SPEC.: PHILIPS/MID		
MFR.: SOTEN		

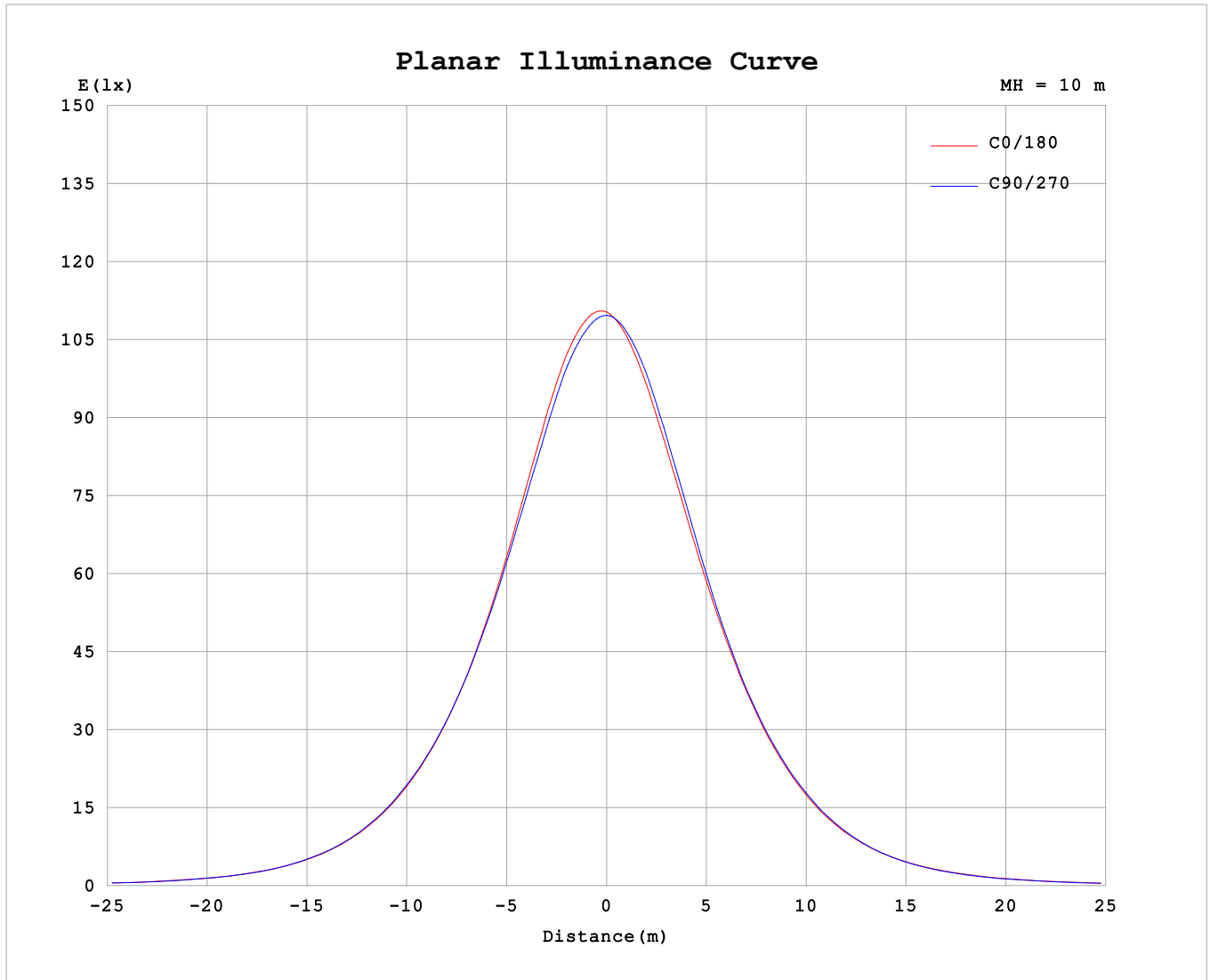
AvgL	cd/m2
L_0~180 (65) av	59113
L_0~180 (75) av	31097
L_0~180 (85) av	21942
L_90~270 (65) av	58032
L_90~270 (75) av	29629
L_90~270 (85) av	20044
L_45 (65) av	57689
L_45 (75) av	29958
L_45 (85) av	21217

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28℃
 Operators: Li
 Test Date: 2025-12-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.485
 Humidity: 75%
 Test Distance: 8.458m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28°C
Operators: Li
Test Date: 2025-12-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.485
Humidity: 75%
Test Distance: 8.458m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.485
Humidity:75%
Test Distance:8.458m [K=1.0000]
Remarks:

```