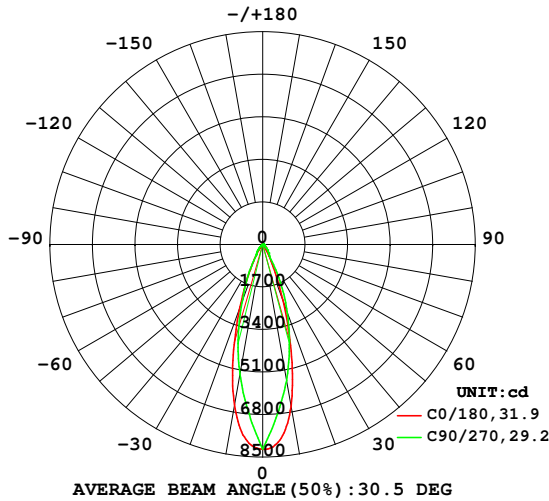


LUMINAIRE PHOTOMETRIC TEST REPORT

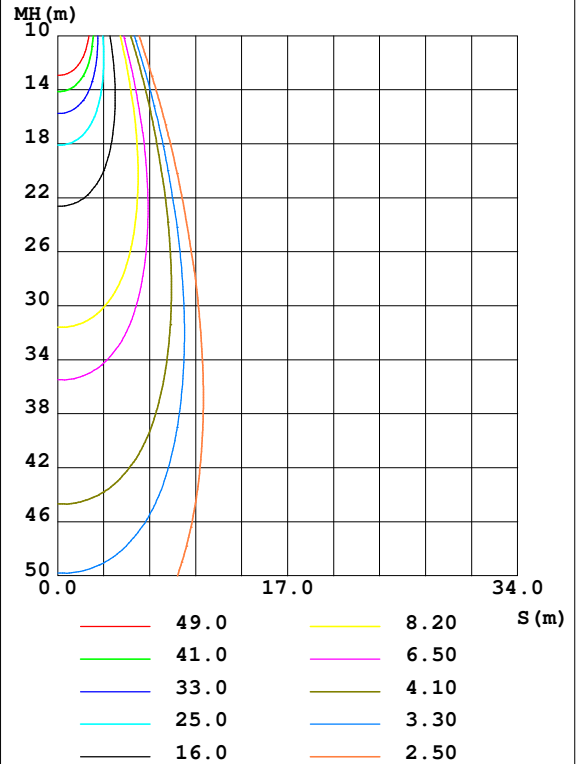
Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.16 lm/W			
MODEL	MSG200	Imax (cd)	8189	S/MH (C0/180)	0.53
NOMINAL POWER (W)	27	LOR (%)	137.4	S/MH (C90/270)	0.46
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	2762.9	η UP, DN (C0-180)	0.0, 70.3
NOMINAL FLUX (lm)	2010.73	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 67.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	230	η down (%)	137.4	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



H(β) Range: -90 - 90 DEG
H(β) Interval: 1.0 DEG
Test Speed: HIGH
Temperature: 25 DEG
Operators: MUHAMMET BIYIK
Test Date: 16/12/2022

V(B) Range: -90 - 90 DEG
V(B) Interval: 5.0 DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	6561	5853	5521	5345	6510	5241	5266	5685	0- 10	632.2	632.2	22.9,31.4
20	2357	2754	2859	2159	2666	2113	2349	2551	10- 20	1087	1720	62.2,85.5
30	463.1	612.0	581.7	635.9	648.4	636.1	540.4	532.3	20- 30	604.3	2324	84.1,116
40	158.3	176.2	329.8	161.5	170.7	165.4	307.7	148.5	30- 40	205.0	2529	91.5,126
50	71.20	87.05	77.98	88.69	83.11	87.67	74.94	82.20	40- 50	105.0	2634	95.3,131
60	39.50	41.87	55.90	45.28	44.90	42.75	49.71	42.60	50- 60	53.44	2687	97.3,134
70	29.49	34.69	33.82	32.69	28.74	26.90	24.47	28.77	60- 70	37.03	2724	98.6,135
80	22.07	23.77	20.02	20.28	17.76	13.66	13.76	16.09	70- 80	25.53	2750	99.5,137
90	2.920	5.965	6.223	5.954	3.722	2.930	3.043	2.945	80- 90	13.03	2763	100,137
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): 2590.5 lm

%lum = 93.8%

%lamp = 128.8%

Conical surface Flux(120deg): 2687.3 lm

%lum = 97.3%

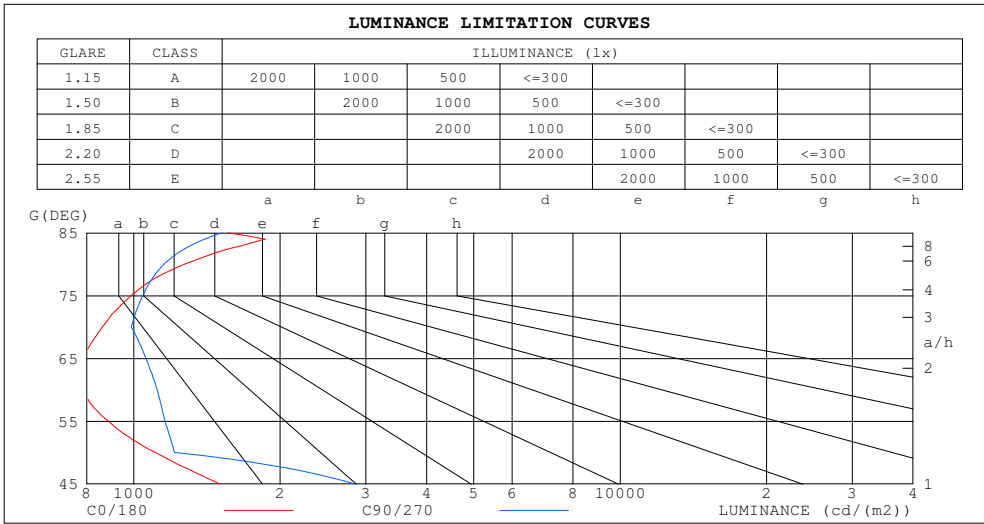
%lamp = 133.6%

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:MUHAMMET BIYIK
 Test Date:16/12/2022

$V(B)$ Range:-90 - 90DEG
 $V(B)$ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks: MSG200-27W-4000K-OPALSÝZ

LUMINANCE LIMITATION CURVES

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



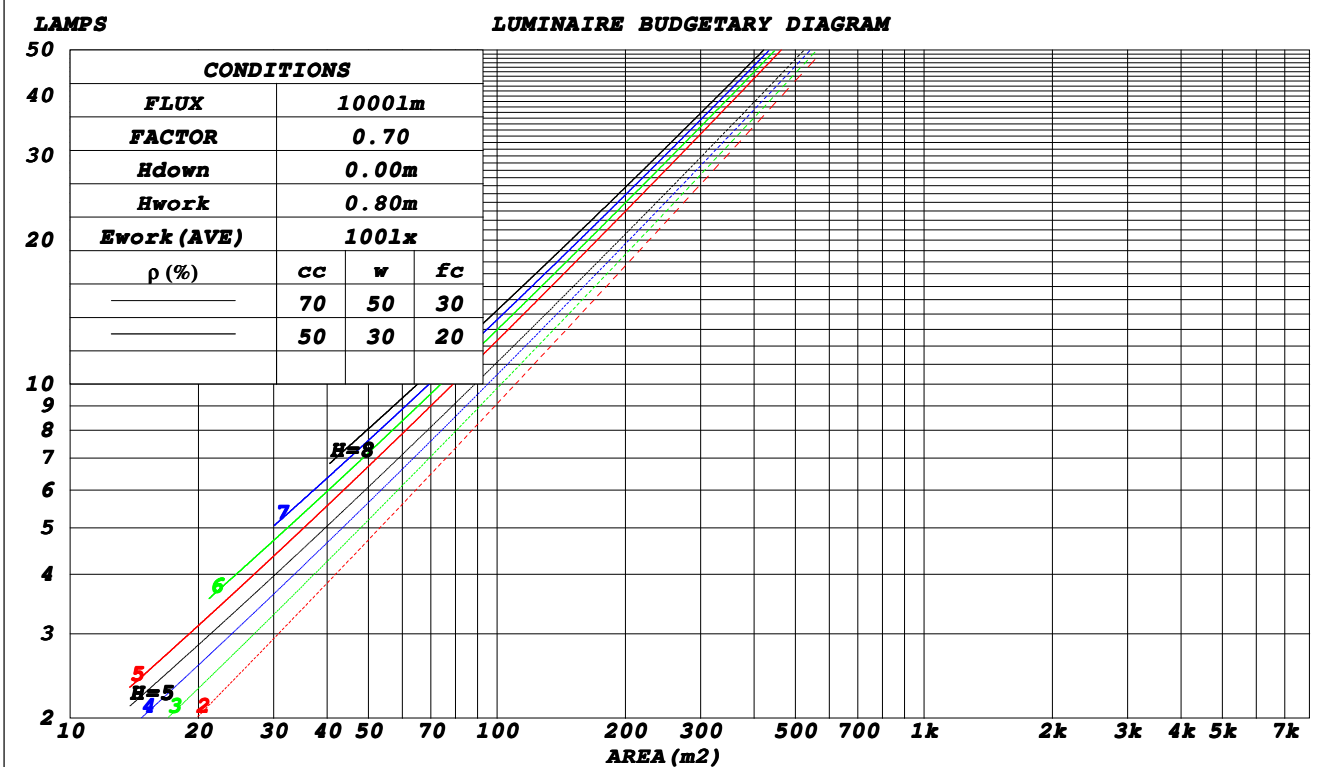
H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: MUHAMMET BIYIK
Test Date: 16/12/2022

V(B) Range: -90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	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	1.64	1.64	1.64	1.60	1.60	1.60	1.53	1.53	1.53	1.46	1.46	1.46	1.40	1.40	1.40	1.37
1.0	1.53	1.50	1.47	1.50	1.47	1.44	1.44	1.42	1.40	1.39	1.37	1.36	1.35	1.33	1.32	1.29
2.0	1.44	1.38	1.34	1.41	1.37	1.33	1.37	1.33	1.30	1.33	1.30	1.27	1.29	1.27	1.24	1.22
3.0	1.35	1.29	1.24	1.34	1.28	1.23	1.30	1.25	1.22	1.27	1.23	1.20	1.24	1.21	1.18	1.16
4.0	1.28	1.22	1.17	1.27	1.21	1.16	1.24	1.19	1.15	1.21	1.17	1.13	1.19	1.15	1.12	1.10
5.0	1.22	1.15	1.10	1.21	1.14	1.10	1.19	1.13	1.09	1.16	1.11	1.08	1.14	1.10	1.07	1.05
6.0	1.17	1.09	1.04	1.15	1.09	1.04	1.14	1.08	1.03	1.12	1.07	1.03	1.10	1.05	1.02	1.00
7.0	1.11	1.04	.99	1.11	1.04	.99	1.09	1.03	.99	1.07	1.02	.98	1.06	1.01	.98	.96
8.0	1.07	.00	.95	1.06	.99	.95	1.05	.99	.94	1.03	.98	.94	1.02	.97	.94	.92
9.0	1.03	.96	.91	1.02	.95	.91	1.01	.95	.91	.00	.94	.90	.99	.94	.90	.89
10.0	.99	.92	.88	.98	.92	.87	.97	.91	.87	.96	.91	.87	.95	.90	.87	.85



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: MUHAMMET BIYIK
Test Date: 16/12/2022

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

WEC AND CCEC

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.232	.132	.042	.223	.127	.040	.206	.118	.038	.190	.109	.035	.175	.101	.033		
2.0	.216	.118	.036	.208	.115	.035	.194	.108	.033	.181	.101	.032	.168	.095	.030		
3.0	.202	.107	.032	.195	.104	.031	.183	.099	.030	.172	.094	.029	.161	.089	.028		
4.0	.189	.098	.029	.183	.096	.028	.173	.092	.027	.163	.088	.026	.154	.084	.026		
5.0	.178	.091	.026	.173	.089	.026	.164	.086	.025	.156	.082	.024	.148	.079	.024		
6.0	.168	.084	.024	.164	.083	.024	.156	.080	.023	.149	.077	.023	.142	.075	.022		
7.0	.160	.079	.022	.156	.078	.022	.149	.075	.022	.143	.073	.021	.137	.071	.021		
8.0	.152	.074	.021	.149	.073	.021	.143	.071	.020	.137	.069	.020	.132	.068	.020		
9.0	.145	.070	.020	.142	.069	.019	.137	.068	.019	.132	.066	.019	.127	.064	.019		
10.0	.139	.066	.018	.136	.066	.018	.131	.064	.018	.127	.063	.018	.122	.062	.018		

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						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.262	.262	.262	.224	.224	.224	.153	.153	.153	.088	.088	.088	.028	.028	.028	
1.0	.234	.216	.200	.201	.186	.172	.137	.128	.119	.079	.074	.069	.025	.024	.022	
2.0	.212	.182	.157	.182	.157	.136	.124	.108	.095	.072	.063	.056	.023	.020	.018	
3.0	.193	.156	.126	.166	.135	.109	.114	.093	.077	.066	.055	.045	.021	.018	.015	
4.0	.178	.135	.103	.152	.117	.089	.105	.082	.063	.061	.048	.037	.020	.016	.012	
5.0	.164	.119	.085	.141	.103	.074	.097	.072	.052	.056	.042	.031	.018	.014	.010	
6.0	.153	.106	.072	.132	.092	.063	.091	.064	.044	.053	.038	.026	.017	.012	.009	
7.0	.143	.095	.061	.123	.082	.053	.085	.058	.038	.049	.034	.022	.016	.011	.007	
8.0	.135	.086	.053	.116	.075	.046	.080	.052	.033	.047	.031	.019	.015	.010	.006	
9.0	.127	.079	.046	.109	.068	.040	.076	.048	.028	.044	.028	.017	.014	.009	.006	
10.0	.120	.072	.040	.104	.063	.035	.072	.044	.025	.042	.026	.015	.014	.009	.005	

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: MUHAMMET BIYIK
 Test Date: 16/12/2022

$V(\beta)$ Range:-90 - 90DEG
 $V(\beta)$ Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 7.200m [K=1.0000]
 Remarks: MSG200-27W-4000K-OPALSÝZ

UGR(Unified Glare Rating) Table

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm										
NAME: MSG200					TYPE: INDOOR			WEIGHT: 750gr		
SPEC.: 27W					DIM.: Ø235-H55mm			SERIAL No.:		
MFR.: LITPA AYDINLATMA					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				
x = 2H y = 2H						Viewed endwise				
3H						9.0	9.8	9.2	10.0	10.2
4H						9.8	10.6	10.1	10.8	11.0
6H						10.2	11.0	10.5	11.2	11.4
8H						10.7	11.4	11.0	11.6	11.9
12H						10.9	11.6	11.2	11.8	12.1
12H						11.2	11.8	11.5	12.1	12.3
4H 2H						7.3	8.1	7.6	8.3	8.5
3H						8.6	9.2	8.9	9.5	9.8
4H						9.5	10.1	9.9	10.4	10.7
6H						10.7	11.2	11.0	11.5	11.9
8H						11.3	11.8	11.7	12.2	12.5
12H						12.1	12.6	12.6	13.0	13.3
8H 4H						10.0	10.5	10.4	10.9	11.2
6H						11.5	11.9	11.9	12.3	12.7
8H						12.4	12.7	12.8	13.1	13.6
12H						13.4	13.7	13.9	14.2	14.6
12H 4H						10.1	10.5	10.5	10.9	11.3
6H						11.6	12.0	12.1	12.4	12.8
8H						12.6	12.9	13.1	13.3	13.8
12H						12.7	13.0	13.2	13.4	13.9
Variations with the observer position at spacings:										
S = 1.0H						+ 0.3 / - 0.4				
1.5H						+ 0.3 / - 0.3				
2.0H						+ 0.4 / - 0.2				
						+ 0.9 / - 0.8				
						+ 1.7 / - 0.9				
						+ 1.8 / - 0.6				

CIE Pub.117, 2011 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.4$)

$H(\beta)$ Range: -90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: MUHAMMET BIYIK
 Test Date: 16/12/2022

$V(\beta)$ Range: -90 - 90DEG
 $V(\beta)$ Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 7.200m [K=1.0000]
 Remarks: MSG200-27W-4000K-OPALSÝZ

UTILIZATION FACTORS TABLE

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

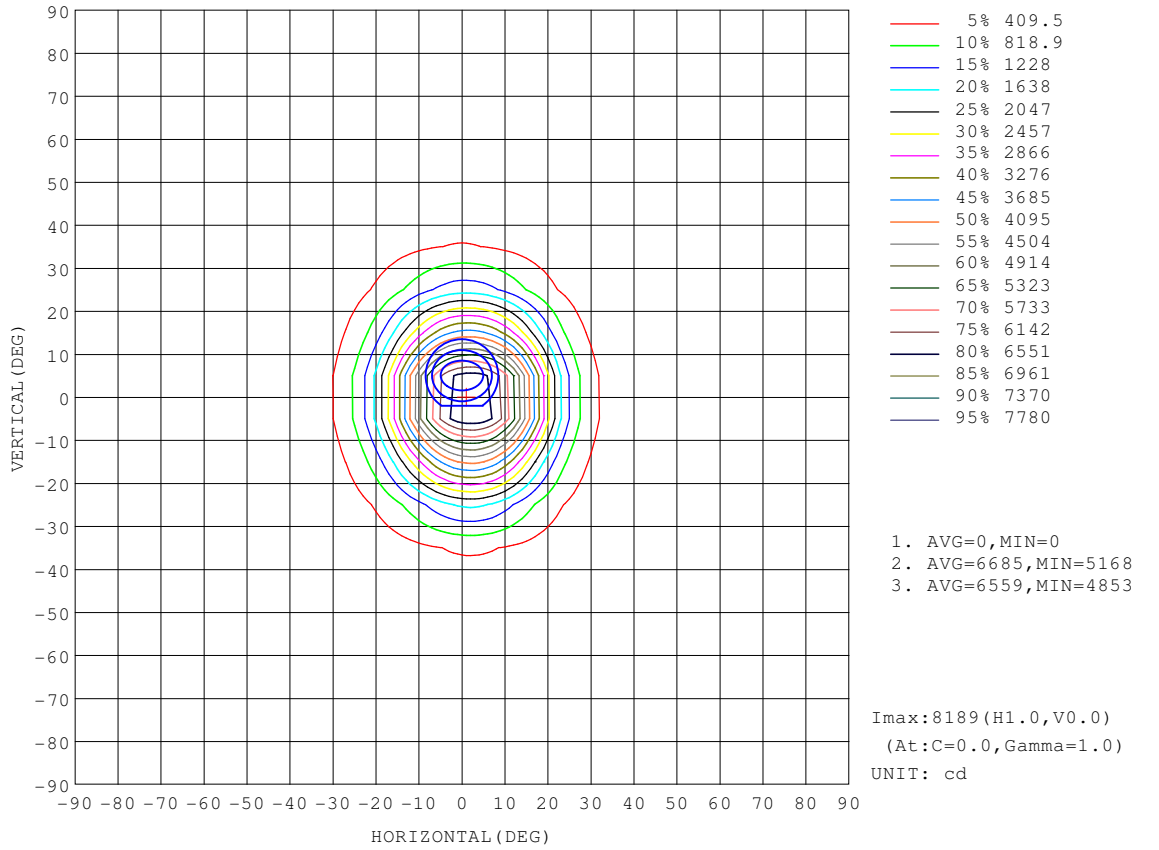
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	119	110	104	118	109	104	117	109	104	99
0.80	129	120	115	128	120	115	126	119	114	109
1.00	135	127	122	134	126	121	132	126	121	115
1.25	140	133	128	139	132	127	136	131	126	120
1.50	144	137	133	143	136	132	139	134	130	124
2.00	148	142	137	146	141	136	142	138	134	127
2.50	151	145	141	148	143	139	144	140	137	129
3.00	153	148	144	150	146	142	146	142	139	130
4.00	156	152	148	153	149	147	148	145	143	133
5.00	158	154	152	155	152	149	149	147	145	135
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

$H(\beta)$ Range: -90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: MUHAMMET BIYIK
 Test Date: 16/12/2022

$V(\beta)$ Range: -90 - 90DEG
 $V(\beta)$ Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 7.200m [K=1.0000]
 Remarks: MSG200-27W-4000K-OPALSÝZ

ISOCANDELA DIAGRAM

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

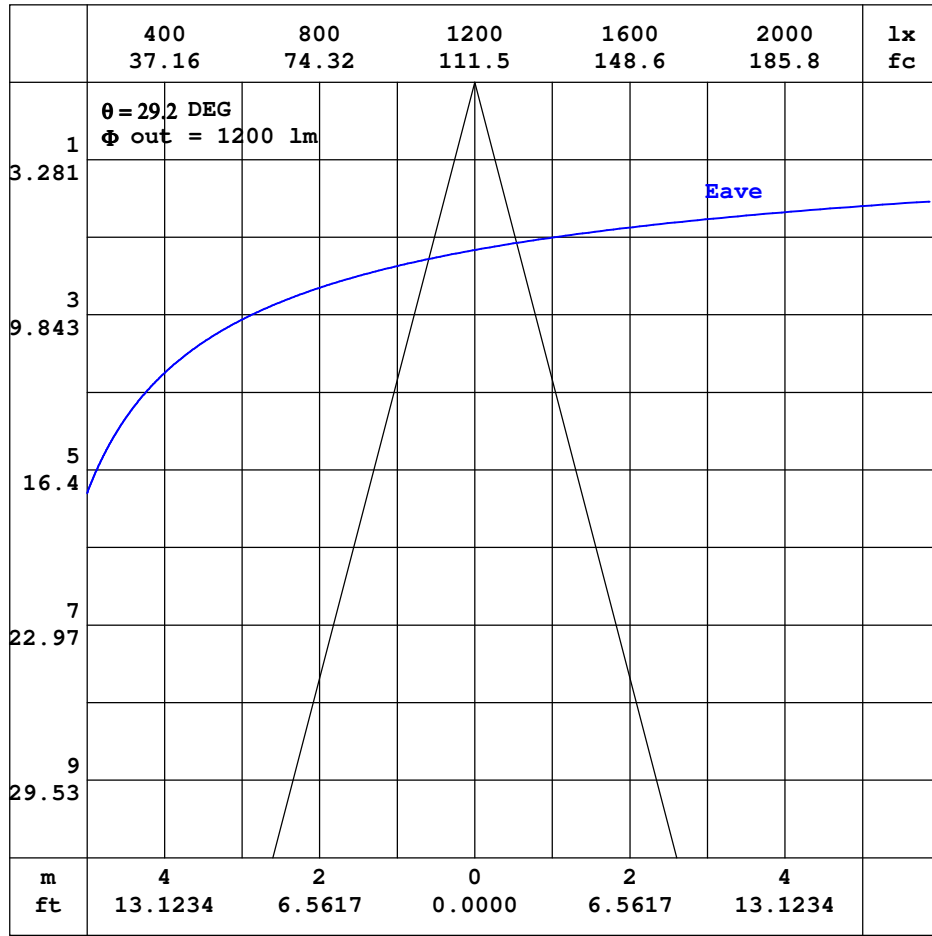


H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: MUHAMMET BIYIK
Test Date: 16/12/2022

V(B) Range: -90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

AAI CURVES

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



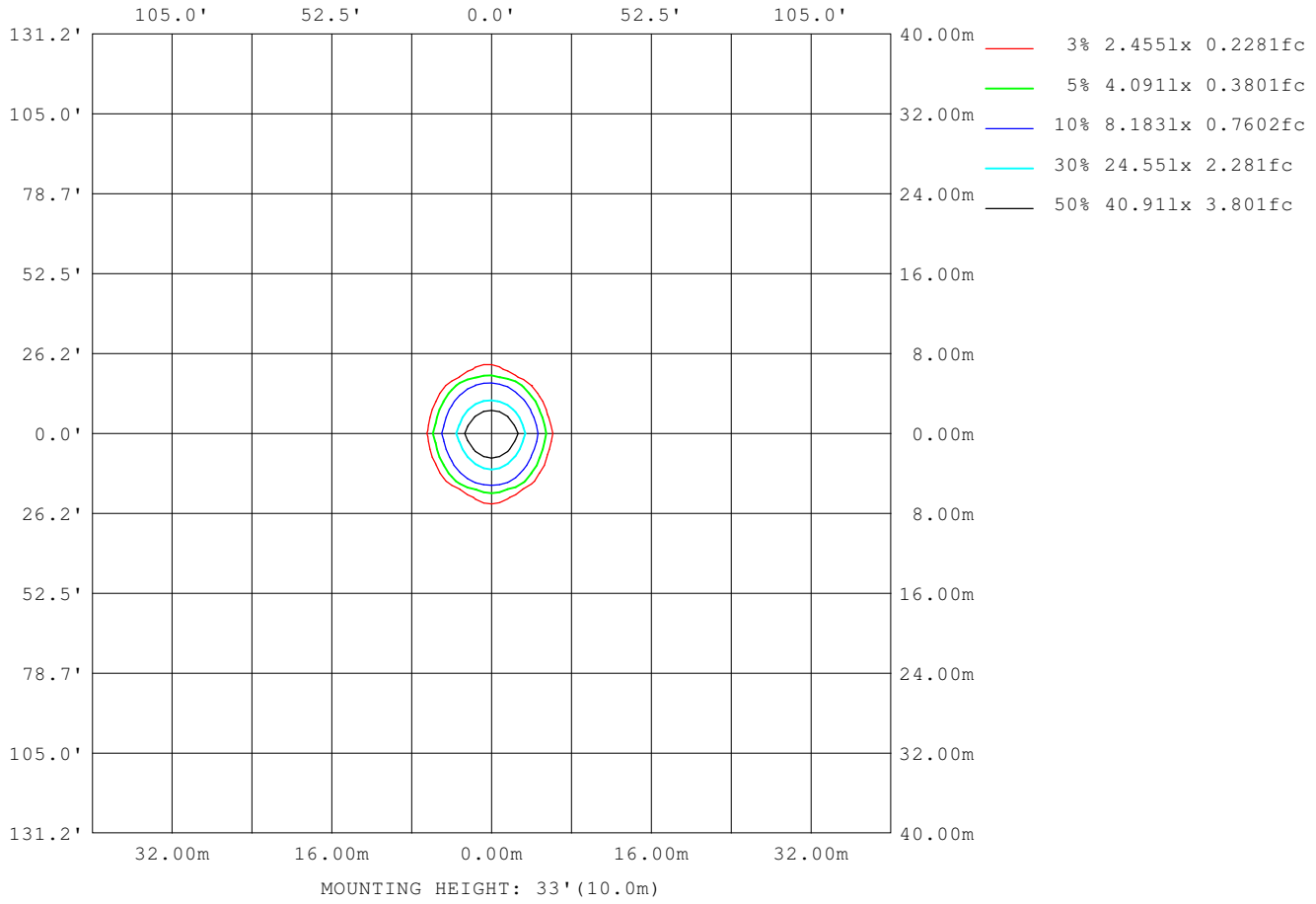
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: MUHAMMET BIYIK
Test Date: 16/12/2022

V(B) Range: -90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

ISOLUX DIAGRAM

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: MUHAMMET BIYIK
Test Date: 16/12/2022

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

LED Avg.L Report

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

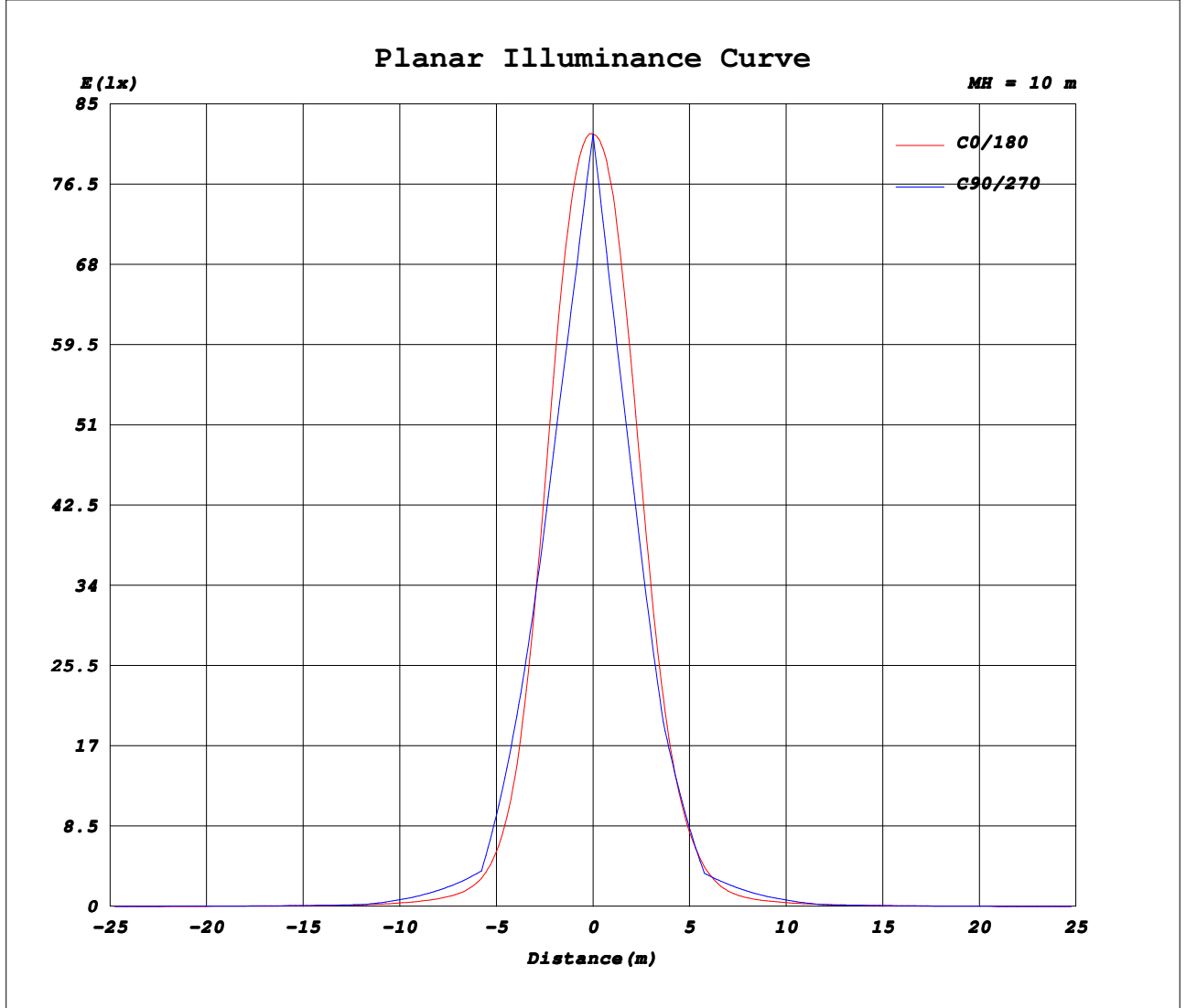
AvgL	cd/m2
L_0~180 (65) av	818
L_0~180 (75) av	921
L_0~180 (85) av	1518
L_90~270 (65) av	972
L_90~270 (75) av	893
L_90~270 (85) av	1247
L_45 (65) av	867
L_45 (75) av	983
L_45 (85) av	1314

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: MUHAMMET BIYIK
Test Date: 16/12/2022

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:MUHAMMET BIYIK
Test Date:16/12/2022

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE: INDOOR	WEIGHT: 750gr
SPEC.: 27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--1

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:MUHAMMET BIYIK
Test Date:16/12/2022

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE:INDOOR	WEIGHT:750gr
SPEC.:27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:MUHAMMET BIYIK
Test Date:16/12/2022

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE:INDOOR	WEIGHT:750gr
SPEC.:27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--3

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:MUHAMMET BIYIK
Test Date:16/12/2022

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.77V I:0.1192A P:25.784W PF:0.9370 Freq:50.01Hz Lamp Flux:2010.73x1 lm		
NAME: MSG200	TYPE:INDOOR	WEIGHT:750gr
SPEC.:27W	DIM.: Ø235-H55mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--4

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:MUHAMMET BIYIK
Test Date:16/12/2022

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: MSG200-27W-4000K-OPALSÝZ