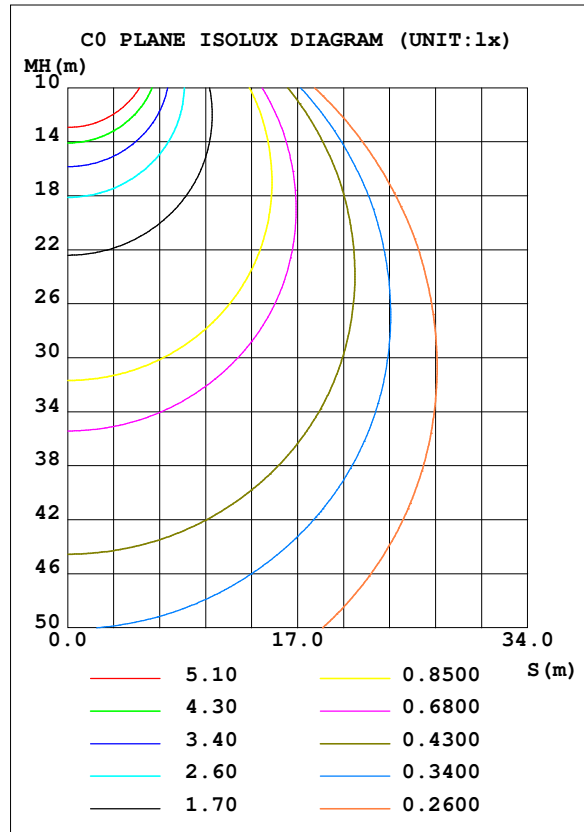
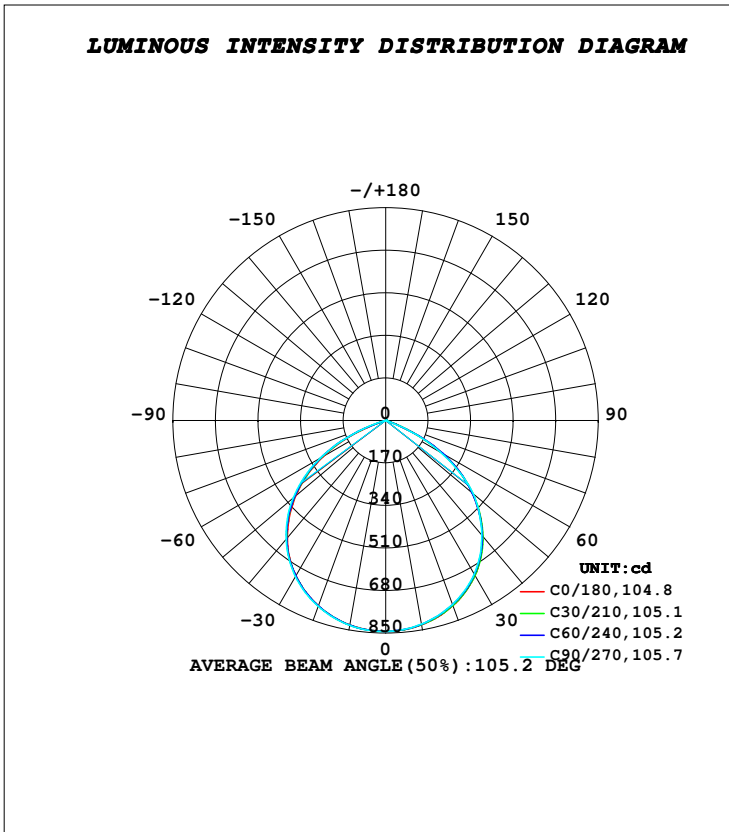


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SSD200	Imax (cd)	843.3	S/MH (C0/180)	1.26
NOMINAL POWER (W)	28	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	230.0	TOTAL FLUX (lm)	1988.2	η UP, DN (C0-180)	0.0, 48.5
NOMINAL FLUX (lm)	1988.18	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: L Y T P A
 Test Date: 23/10/2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 25.0%
 Test Distance: 7.000m [K=1.0000]
 Remarks: SSD200-28W

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	829.3	828.2	826.5	826.4	829.8	830.0	831.7	833.3	0- 10	79.83	79.83	4.02,4.02
20	787.5	785.7	782.4	781.4	788.4	787.3	790.1	795.3	10- 20	229.2	309.0	15.5,15.5
30	714.3	714.1	708.3	703.9	717.8	717.2	721.1	725.8	20- 30	348.0	657.0	33,33
40	602.2	605.4	597.5	592.5	611.7	613.7	619.7	622.8	30- 40	416.3	1073	54,54
50	454.4	455.1	457.5	446.4	469.2	473.9	482.5	480.7	40- 50	416.3	1490	74.9,74.9
60	260.8	264.0	253.3	253.4	289.3	296.0	303.4	294.5	50- 60	334.8	1824	91.8,91.8
70	27.33	25.57	16.64	15.77	50.41	62.04	70.78	57.05	60- 70	158.0	1982	99.7,99.7
80	0	0	0	0	0	0	0	0	70- 80	5.770	1988	100,100
90	0	0	0	0	0	0	0	0	80- 90	0	1988	100,100
100	0	0	0	0	0	0	0	0	90-100	0	1988	100,100
110	0	0	0	0	0	0	0	0	100-110	0	1988	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1988	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1988	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1988	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1988	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1988	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1988	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1988	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1286.1 lm

%lum = 64.7%

%lamp = 64.7%

Conical surface Flux(120deg): 1824.5 lm

%lum = 91.8%

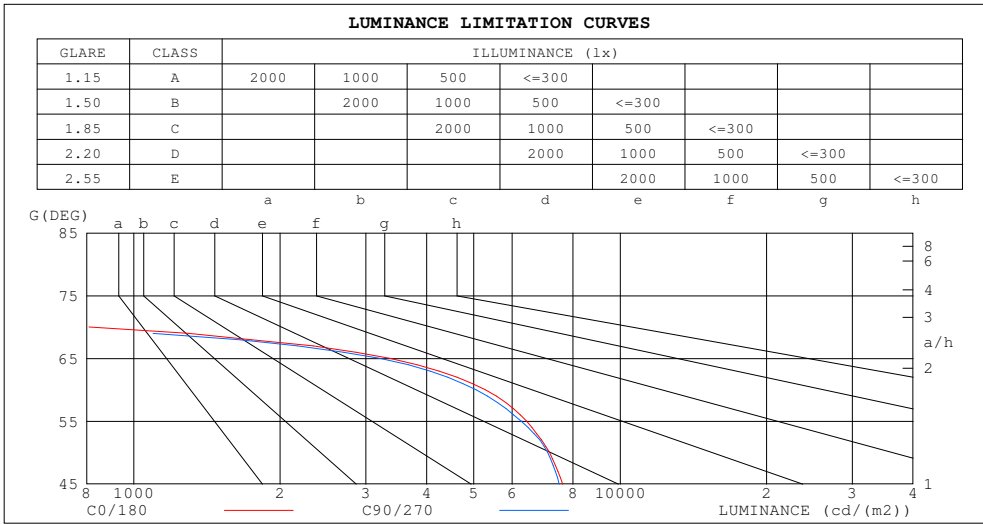
%lamp = 91.8%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:L Ý T P A
Test Date:23/10/2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:25.0%
Test Distance:7.000m [K=1.0000]
Remarks: SSD200-28W

LUMINANCE LIMITATION CURVES

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	809	485
65	3360	3207
60	5283	5052
55	6421	6258
50	7160	7098
45	7618	7490

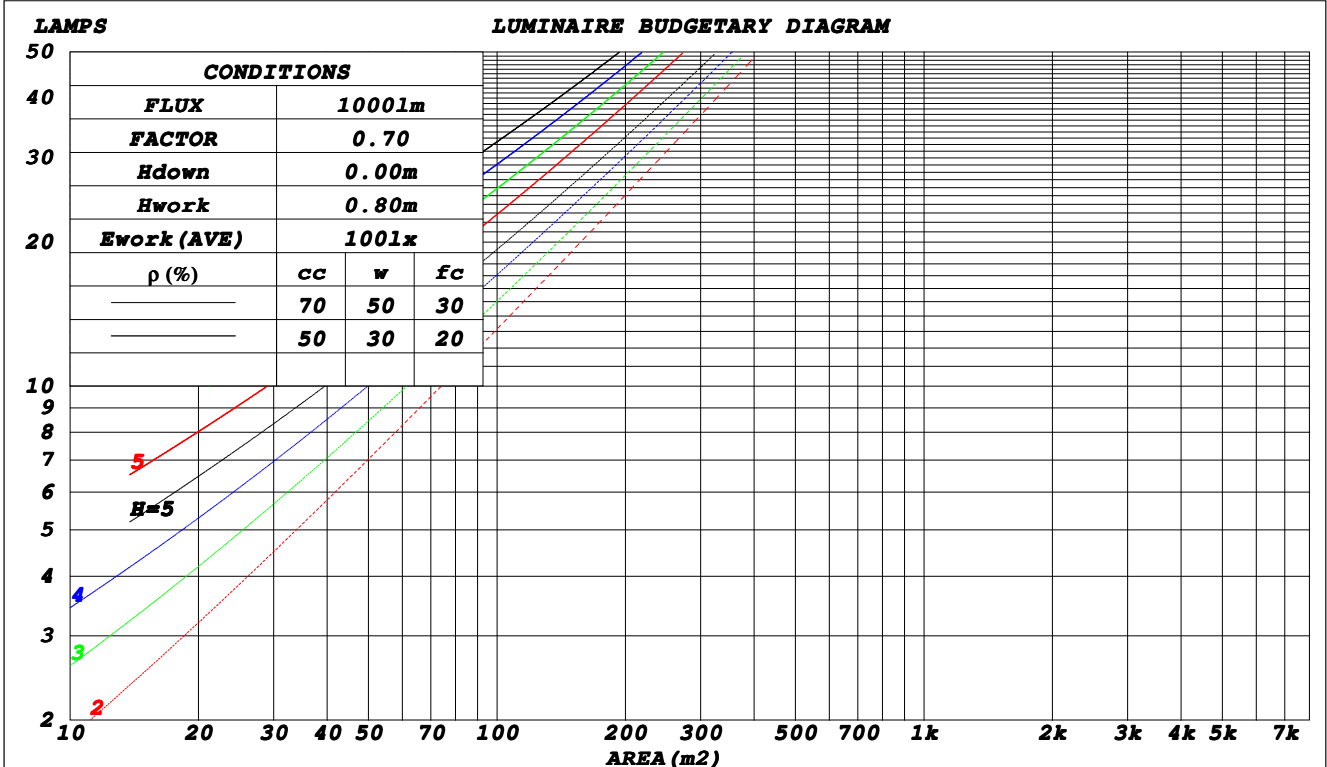
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: L Y T P A
Test Date: 23/10/2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 25.0%
Test Distance: 7.000m [K=1.0000]
Remarks: SSD200-28W

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw	20%			20%			20%			20%			20%			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	.00
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.94	.92	.90	.89
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.84	.80	.84	.81	.79	.77
3.0	.85	.78	.72	.84	.77	.72	.81	.75	.71	.78	.73	.69	.76	.72	.68	.66
4.0	.76	.68	.62	.75	.68	.62	.72	.66	.61	.70	.65	.60	.68	.63	.60	.58
5.0	.68	.60	.54	.67	.60	.54	.65	.59	.53	.63	.58	.53	.62	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.58	.51	.47	.56	.51	.46	.44
7.0	.56	.48	.42	.55	.48	.42	.54	.47	.42	.53	.46	.42	.51	.46	.41	.39
8.0	.51	.43	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.47	.41	.37	.35
9.0	.47	.39	.34	.47	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.32
10.0	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.40	.35	.31	.29



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: L Y T P A
 Test Date: 23/10/2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 25.0%
 Test Distance: 7.000m [K=1.0000]
 Remarks: SSD200-28W

WEC AND CCEC

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	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	.245	.139	.044	.238	.136	.043	.225	.129	.041	.213	.123	.039	.202	.117	.038	
2.0	.242	.133	.041	.236	.130	.040	.225	.125	.039	.215	.121	.038	.205	.116	.037	
3.0	.233	.124	.037	.227	.122	.037	.218	.118	.036	.208	.114	.035	.200	.111	.034	
4.0	.221	.115	.034	.216	.113	.033	.207	.110	.033	.199	.107	.032	.192	.104	.032	
5.0	.208	.106	.031	.204	.105	.031	.196	.102	.030	.189	.100	.030	.182	.097	.029	
6.0	.196	.098	.028	.192	.097	.028	.186	.095	.028	.179	.093	.027	.173	.091	.027	
7.0	.185	.091	.026	.181	.090	.026	.175	.089	.026	.169	.087	.025	.164	.085	.025	
8.0	.174	.085	.024	.171	.084	.024	.166	.083	.024	.160	.081	.023	.155	.080	.023	
9.0	.165	.080	.022	.162	.079	.022	.157	.078	.022	.152	.076	.022	.148	.075	.022	
10.0	.156	.075	.021	.153	.074	.021	.149	.073	.021	.144	.072	.020	.140	.071	.020	

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																
1.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
2.0	.176	.157	.140	.150	.134	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
3.0	.166	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
4.0	.157	.114	.080	.135	.098	.069	.093	.068	.048	.053	.040	.029	.017	.013	.009	
5.0	.150	.100	.063	.129	.087	.054	.088	.060	.038	.051	.035	.023	.016	.012	.007	
6.0	.143	.090	.050	.123	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
7.0	.136	.081	.042	.117	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
8.0	.130	.074	.035	.112	.064	.031	.077	.045	.022	.045	.027	.013	.015	.009	.004	
9.0	.124	.068	.030	.107	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
10.0	.119	.064	.026	.102	.055	.023	.071	.039	.016	.041	.023	.010	.013	.008	.003	
10.0	.113	.059	.023	.098	.051	.020	.068	.036	.014	.040	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: L Y T P A
Test Date: 23/10/2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 25.0%
Test Distance: 7.000m [K=1.0000]
Remarks: SSD200-28W

UGR(Unified Glare Rating) Table

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm										
NAME: SSD200					TYPE: INDOOR			WEIGHT: 450gr		
SPEC.: 28W					DIM.: Ø235-H50mm			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					Viewed endwise				
x = 2H y = 2H	19.1	20.5	19.4	20.7	20.9	19.0	20.4	19.3	20.6	20.8
3H	19.2	20.5	19.5	20.7	20.9	19.1	20.4	19.4	20.6	20.8
4H	19.1	20.3	19.4	20.5	20.8	19.0	20.2	19.3	20.4	20.7
6H	19.0	20.1	19.3	20.4	20.6	18.9	20.0	19.2	20.3	20.6
8H	18.9	20.0	19.3	20.3	20.6	18.9	19.9	19.2	20.2	20.5
12H	18.9	19.9	19.2	20.2	20.5	18.8	19.8	19.2	20.1	20.4
4H 2H	19.3	20.5	19.6	20.7	21.0	19.3	20.4	19.6	20.7	20.9
3H	19.4	20.4	19.7	20.7	21.0	19.3	20.3	19.7	20.6	20.9
4H	19.3	20.2	19.7	20.5	20.9	19.2	20.1	19.6	20.5	20.8
6H	19.2	20.0	19.6	20.4	20.7	19.1	19.9	19.5	20.3	20.6
8H	19.2	19.9	19.6	20.3	20.6	19.1	19.8	19.5	20.2	20.6
12H	19.1	19.8	19.5	20.2	20.6	19.0	19.7	19.5	20.1	20.5
8H 4H	19.2	19.9	19.6	20.3	20.6	19.1	19.8	19.5	20.2	20.6
6H	19.1	19.7	19.5	20.1	20.5	19.0	19.6	19.4	20.0	20.4
8H	19.0	19.6	19.5	20.0	20.4	19.0	19.5	19.4	19.9	20.4
12H	19.0	19.4	19.5	19.9	20.4	18.9	19.4	19.4	19.8	20.3
12H 4H	19.1	19.8	19.5	20.2	20.6	19.0	19.7	19.5	20.1	20.5
6H	19.0	19.6	19.5	20.0	20.4	19.0	19.5	19.4	19.9	20.4
8H	19.0	19.4	19.5	19.9	20.4	18.9	19.4	19.4	19.8	20.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.8					+ 0.7 / - 0.9				
1.5H	+ 0.5 / - 0.8					+ 0.6 / - 1.0				
2.0H	+ 1.1 / - 1.8					+ 1.1 / - 1.5				

CIE Pub.117, 1988 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.4$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: L Y T P A
 Test Date: 23/10/2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 25.0%
 Test Distance: 7.000m [K=1.0000]
 Remarks: SSD200-28W

UTILIZATION FACTORS TABLE

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT:450gr
SPEC.:28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

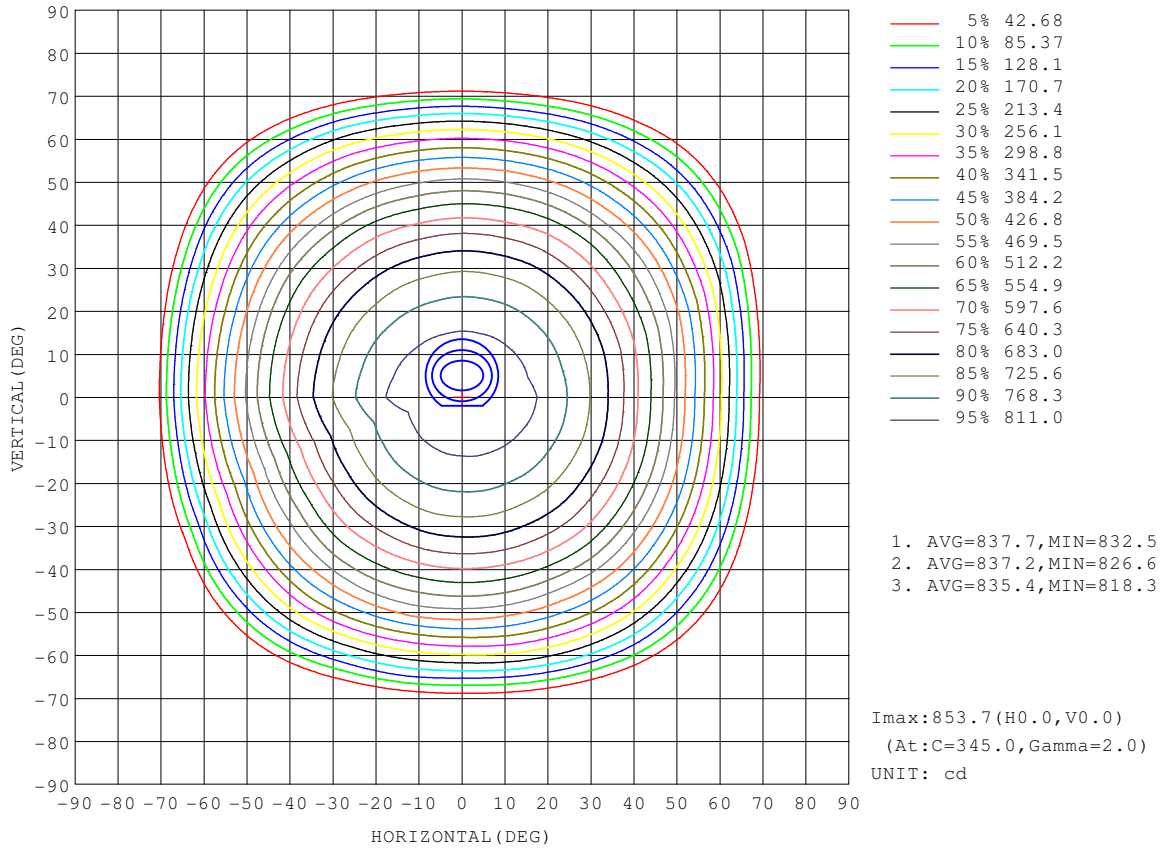
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	62	51	45	61	51	45	60	50	44	38
0.80	73	62	56	72	62	56	70	61	55	49
1.00	82	72	66	81	72	65	79	73	65	59
1.25	89	80	74	88	79	74	85	78	73	66
1.50	94	85	80	92	85	79	89	83	78	71
2.00	100	93	88	98	92	87	95	90	85	79
2.50	103	97	92	101	96	91	98	93	89	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: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: L Ý T P A
Test Date: 23/10/2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 25.0%
Test Distance: 7.000m [K=1.0000]
Remarks: SSD200-28W

ISOCANDELA DIAGRAM

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

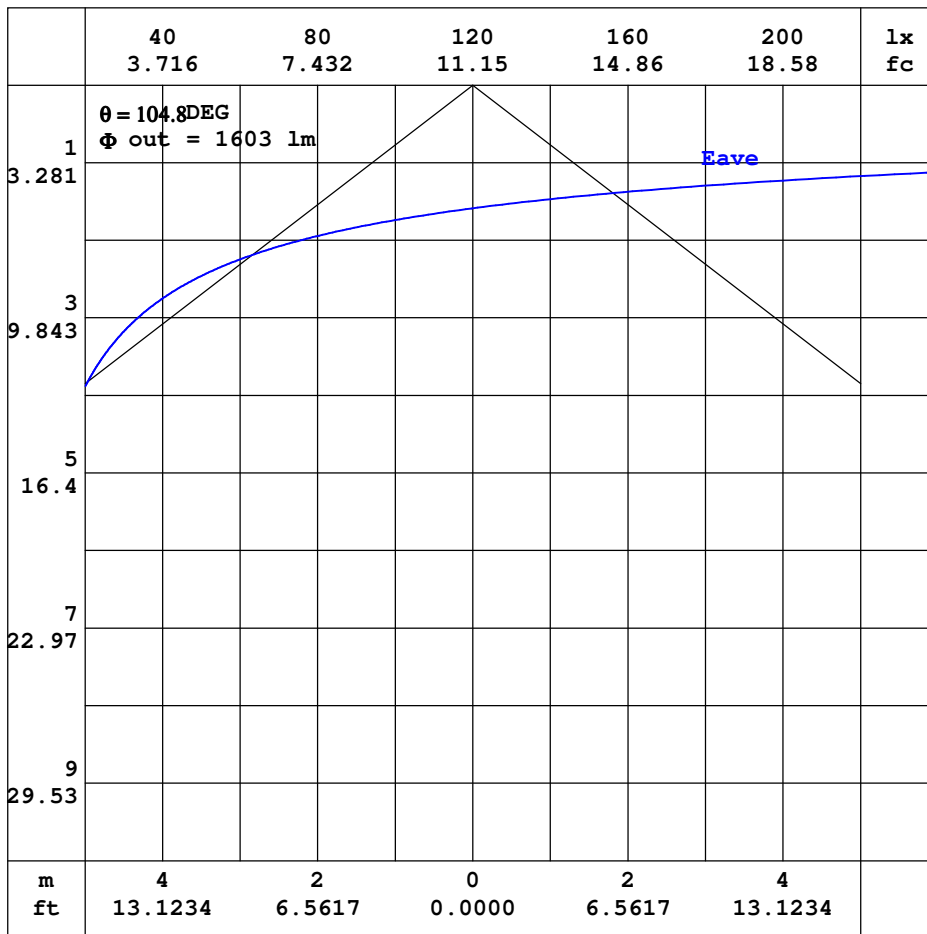


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: L Y T P A
Test Date: 23/10/2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 25.0%
Test Distance: 7.000m [K=1.0000]
Remarks: SSD200-28W

AAI CURVES

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



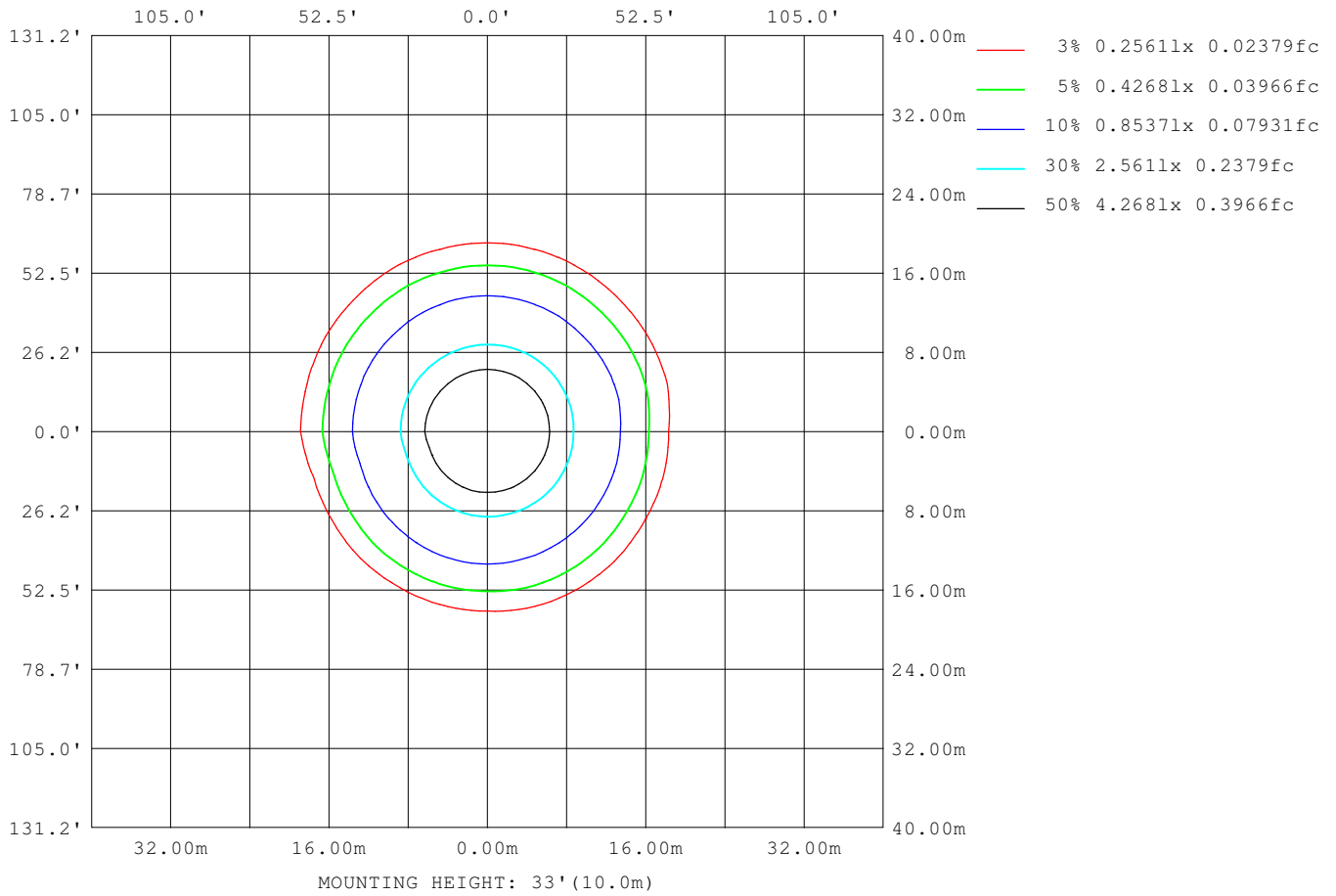
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: L Y T P A
 Test Date: 23/10/2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 25.0%
 Test Distance: 7.000m [K=1.0000]
 Remarks: SSD200-28W

ISOLUX DIAGRAM

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: L Y T P A
Test Date: 23/10/2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 25.0%
Test Distance: 7.000m [K=1.0000]
Remarks: SSD200-28W

LED Avg.L Report

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

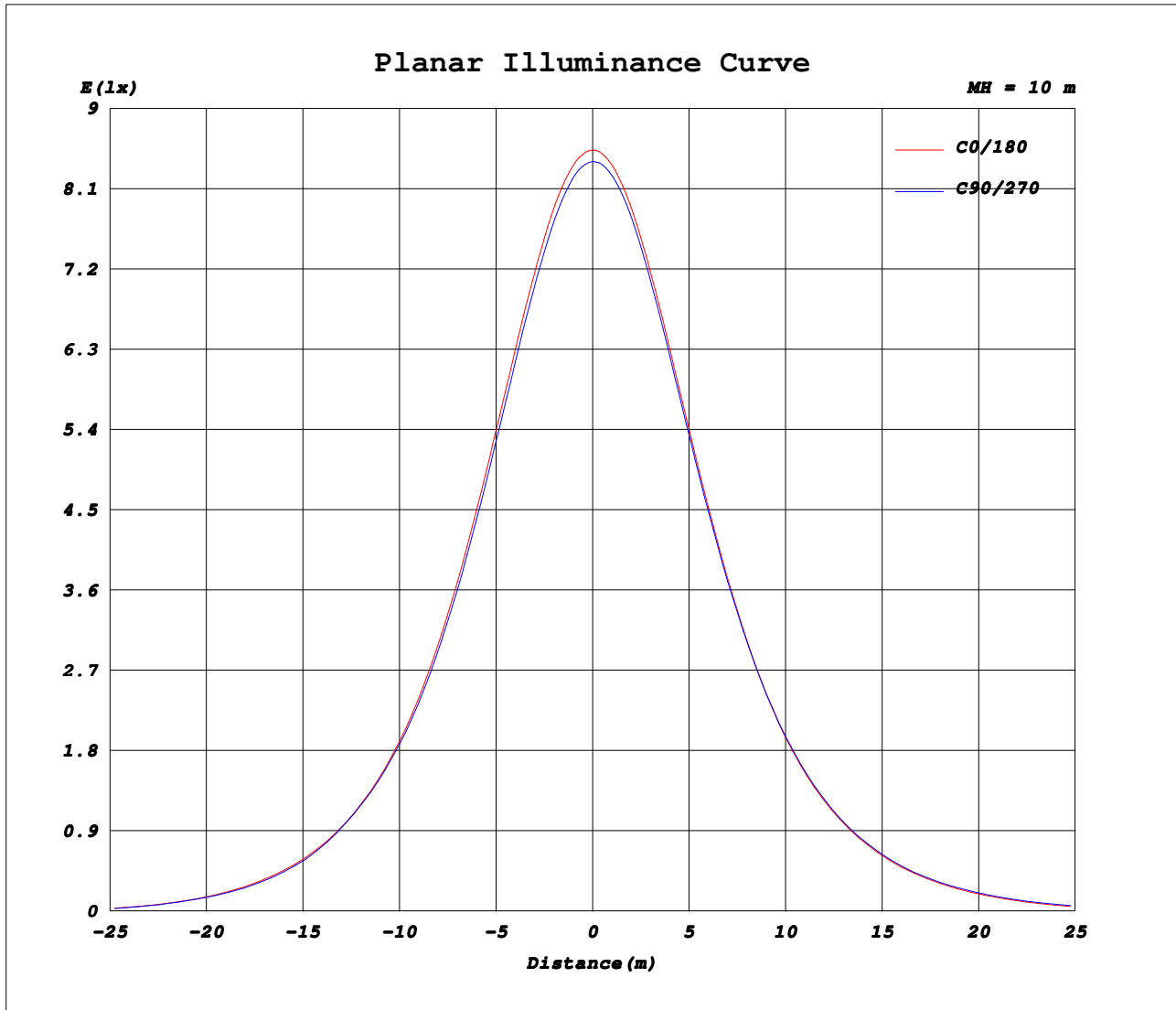
AvgL	cd/m2
L_0~180 (65) av	3781
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	3919
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	3838
L_45 (75) av	0
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: L Y T P A
Test Date: 23/10/2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 25.0%
Test Distance: 7.000m [K=1.0000]
Remarks: SSD200-28W

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: L Ý T P A
Test Date: 23/10/2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 25.0%
Test Distance: 7.000m [K=1.0000]
Remarks: SSD200-28W

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	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	843	843	843	843	843	843	843	843	843	843	843	843	843	843	843	843	843	843	843
5	839	840	839	839	839	839	839	838	838	838	838	838	840	840	840	840	840	841	841
10	829	829	829	828	827	827	827	827	826	826	826	826	830	830	831	830	831	831	832
15	812	812	811	810	809	808	807	808	808	808	807	807	813	812	813	812	813	813	815
20	788	788	787	786	783	783	782	783	782	781	780	780	788	788	789	787	788	788	790
25	755	757	755	754	751	751	749	750	748	747	745	746	757	756	757	756	757	757	759
30	714	717	715	714	711	710	708	709	705	704	701	703	718	717	718	717	718	718	721
35	663	667	665	665	661	660	658	657	653	652	648	651	670	670	672	670	672	671	675
40	602	606	605	605	601	599	597	595	593	592	585	590	612	613	616	614	616	616	620
45	532	536	535	536	530	531	531	529	529	526	515	520	544	547	551	548	551	551	556
50	454	457	454	455	452	457	457	461	456	446	443	443	469	472	476	474	476	478	483
55	364	367	363	366	365	365	360	360	360	361	354	354	386	385	390	390	394	396	398
60	261	263	259	264	263	262	253	252	250	253	250	254	289	289	296	296	302	301	303
65	140	142	141	146	147	143	136	142	132	134	131	136	179	179	187	188	195	193	195
70	27.3	29.0	25.1	25.6	21.6	21.4	16.6	17.9	14.3	15.8	14.8	18.3	50.4	54.0	59.5	62.0	67.7	67.9	70.8
75	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
80	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
85	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
90	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
95	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
100	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
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

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: L Y T P A
Test Date: 23/10/2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 25.0%
Test Distance: 7.000m [K=1.0000]
Remarks: SSD200-28W

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.53V I:0.1195A P:26.632W PF:0.9669 Freq:50.01Hz Lamp Flux:1988.18x1 lm		
NAME: SSD200	TYPE: INDOOR	WEIGHT: 450gr
SPEC.: 28W	DIM.: Ø235-H50mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	843	843	843	843	843														
5	841	841	841	842	842														
10	832	833	833	834	834														
15	816	817	818	819	819														
20	792	794	795	797	797														
25	761	764	764	767	767														
30	722	725	726	728	728														
35	676	680	678	679	680														
40	621	625	623	620	622														
45	558	562	560	554	555														
50	483	484	481	483	481														
55	397	396	392	395	394														
60	302	300	295	295	293														
65	190	188	181	182	178														
70	64.6	62.0	57.1	57.0	56.5														
75	0.00	0.00	0.00	0.00	0.00														
80	0.00	0.00	0.00	0.00	0.00														
85	0.00	0.00	0.00	0.00	0.00														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
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														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: L Y T P A
Test Date: 23/10/2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 25.0%
Test Distance: 7.000m [K=1.0000]
Remarks: SSD200-28W