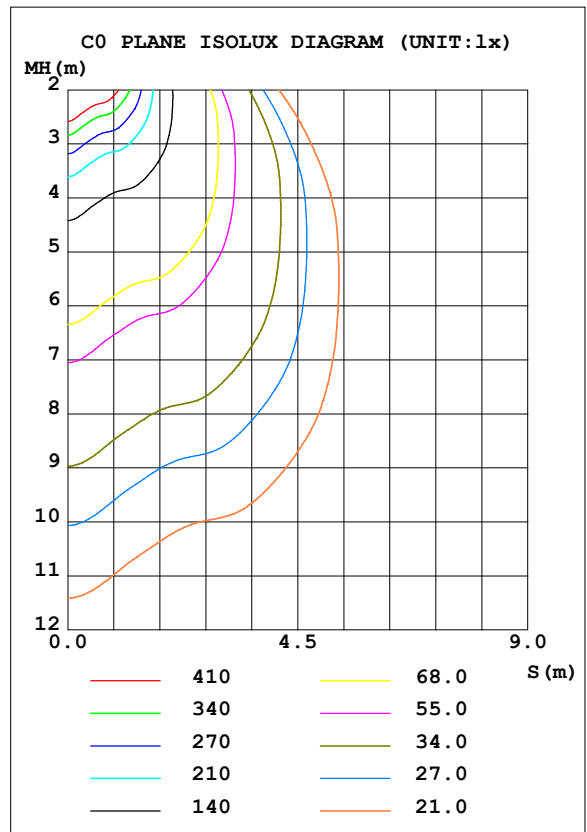
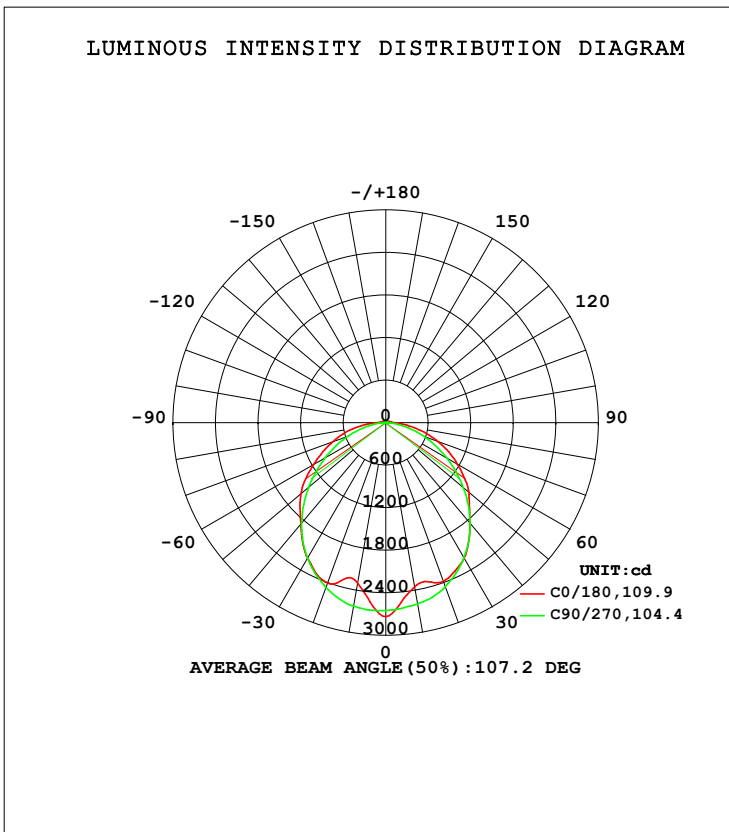


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	S29698	I <sub>max</sub> (cd)	2736	S/MH (C0/180)	1.21
NOMINAL POWER (W)	55.2873	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	7571.4	η UP, DN (C0-180)	1.4, 48.5
NOMINAL FLUX (lm)	7571.39	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 48.7
LAMPS INSIDE	1	η up (%)	2.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	240.283	η down (%)	97.3	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2024-04-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity: 65.0%  
 Test Distance: 11.498m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

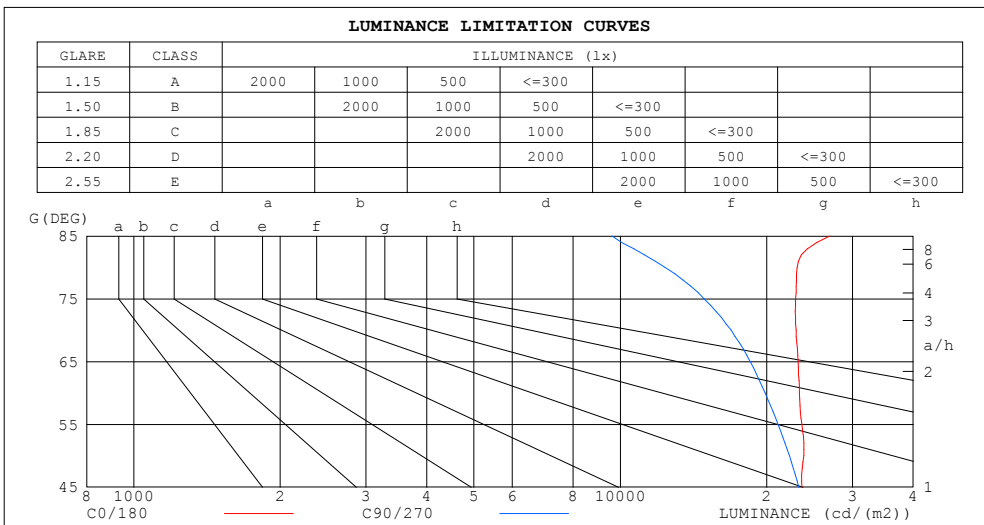
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total	lum, lamp
10	2354	2443	2596	2298	2298	2357	2629	2434	0- 10	241.5	241.5	3.19,3.19
20	2382	2234	2461	2214	2409	2223	2472	2204	10- 20	665.6	907.1	12,12
30	2210	2150	2203	2144	2206	2176	2206	2130	20- 30	1050	1957	25.8,25.8
40	1843	1868	1852	1822	1867	1851	1846	1851	30- 40	1267	3224	42.6,42.6
50	1532	1444	1431	1445	1563	1455	1422	1436	40- 50	1277	4501	59.5,59.5
60	1167	1121	992.3	1099	1174	1106	982.1	1109	50- 60	1146	5648	74.6,74.6
70	786.7	769.3	578.5	745.4	800.1	748.7	572.3	770.4	60- 70	897.2	6545	86.4,86.4
80	400.9	421.3	214.6	416.8	437.5	421.3	215.6	420.2	70- 80	572.3	7117	94,94
90	130.5	153.8	23.59	146.3	134.4	155.4	25.09	163.7	80- 90	246.5	7364	97.3,97.3
100	60.60	61.77	16.52	60.85	60.60	60.55	17.82	61.45	90-100	81.89	7446	98.3,98.3
110	48.96	37.30	13.67	39.68	49.85	36.70	14.13	37.16	100-110	43.72	7489	98.9,98.9
120	34.31	20.36	12.75	25.64	35.20	24.52	12.37	21.37	110-120	28.67	7518	99.3,99.3
130	23.92	14.76	12.51	17.23	23.75	16.10	11.69	14.41	120-130	17.67	7536	99.5,99.5
140	17.43	14.91	14.16	15.91	16.96	14.75	13.31	13.87	130-140	12.21	7548	99.7,99.7
150	16.67	15.76	15.58	16.14	15.62	15.33	14.97	14.77	140-150	9.629	7558	99.8,99.8
160	17.07	16.68	16.62	16.76	16.37	16.11	16.24	15.78	150-160	7.404	7565	99.9,99.9
170	17.86	17.36	17.35	17.37	17.56	17.06	17.15	16.71	160-170	4.774	7570	100,100
180	18.07	17.82	17.63	17.62	18.06	17.75	17.74	17.53	170-180	1.671	7571	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	26948	9626
80	23085	12356
75	22922	14870
70	23002	16913
65	23215	18490
60	23337	19846
55	23613	21090
50	23826	22257
45	23616	23286

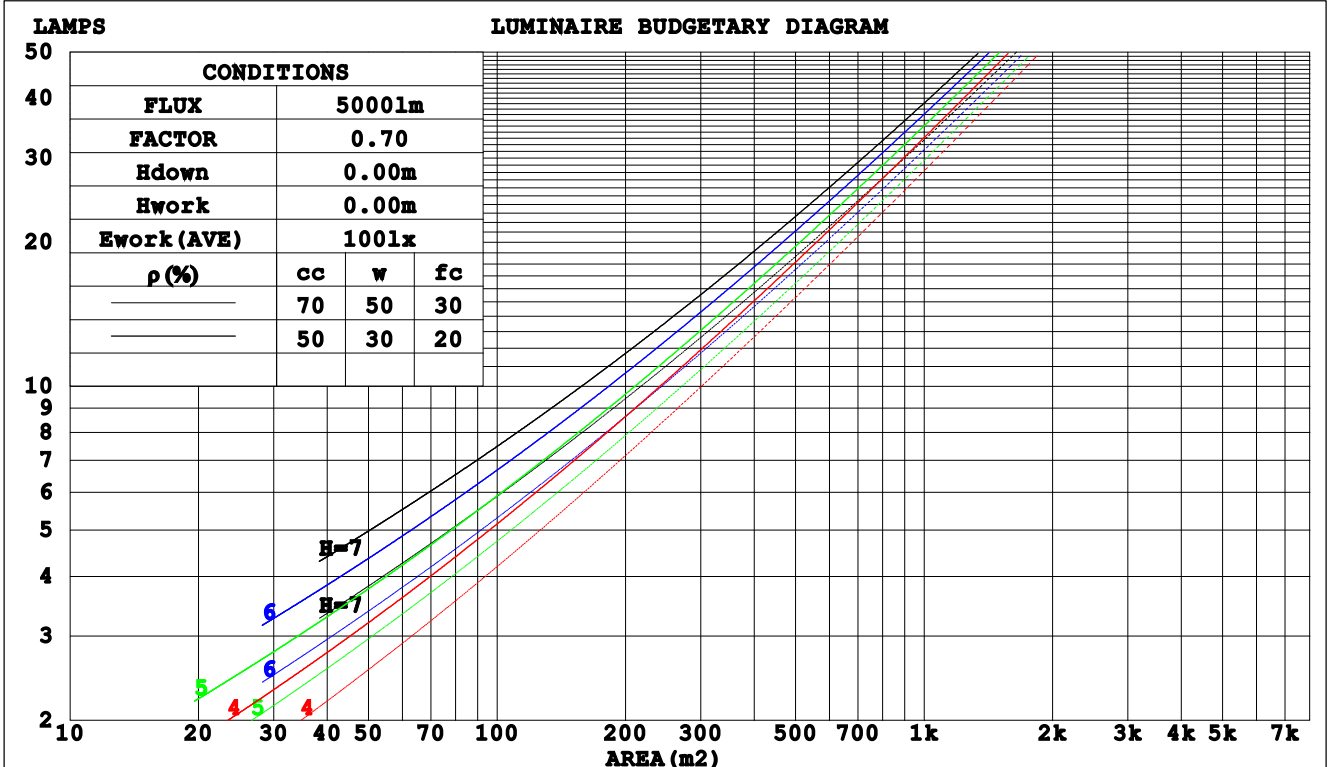
**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:**  
**Test Date:2024-04-28**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421**  
**Humidity:65.0%**  
**Test Distance:11.498m [K=1.0000]**  
**Remarks:**

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc																0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.02	.98	.94	.00	.96	.92	.95	.92	.89	.91	.88	.85	.87	.84	.82	.80
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.73	.79	.74	.71	.76	.72	.69	.66
3.0	.78	.70	.63	.76	.68	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.67	.59	.53	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.52	.46	.60	.52	.45	.58	.50	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.44	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	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	.326	.185	.059	.318	.182	.058	.303	.174	.056	.290	.167	.054	.277	.161	.052	
2.0	.300	.164	.050	.293	.161	.050	.280	.156	.048	.268	.150	.047	.256	.145	.046	
3.0	.275	.146	.044	.269	.144	.043	.257	.139	.042	.246	.135	.041	.236	.131	.040	
4.0	.252	.131	.039	.247	.129	.038	.236	.125	.037	.226	.122	.037	.217	.118	.036	
5.0	.232	.118	.034	.227	.117	.034	.218	.114	.033	.209	.110	.033	.201	.108	.032	
6.0	.215	.108	.031	.211	.106	.031	.202	.104	.030	.194	.101	.030	.187	.098	.029	
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024	
9.0	.174	.084	.024	.171	.083	.023	.165	.082	.023	.159	.080	.023	.154	.078	.023	
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.150	.075	.021	.145	.073	.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	.211	.211	.211	.181	.181	.181	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.203	.177	.154	.173	.152	.133	.119	.105	.092	.068	.060	.053	.022	.019	.017	
2.0	.195	.153	.118	.167	.132	.102	.114	.091	.071	.066	.053	.042	.021	.017	.014	
3.0	.187	.136	.095	.160	.117	.082	.110	.081	.058	.063	.047	.034	.020	.015	.011	
4.0	.179	.122	.079	.154	.106	.069	.106	.074	.048	.061	.043	.029	.020	.014	.009	
5.0	.171	.112	.068	.147	.097	.059	.101	.068	.042	.059	.040	.025	.019	.013	.008	
6.0	.164	.104	.061	.141	.090	.053	.097	.063	.037	.057	.037	.022	.018	.012	.007	
7.0	.157	.097	.055	.135	.084	.048	.094	.059	.034	.054	.035	.020	.018	.011	.007	
8.0	.151	.091	.050	.130	.079	.044	.090	.056	.031	.052	.033	.019	.017	.011	.006	
9.0	.145	.086	.047	.125	.075	.041	.086	.053	.029	.050	.031	.017	.016	.010	.006	
10.0	.139	.082	.044	.120	.071	.038	.083	.050	.027	.048	.030	.016	.016	.010	.005	

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm										
NAME: S29698					TYPE:LED NCF			WEIGHT:		
SPEC.:55W 4000K					DIM.: 1800x96x79mm			SERIAL No.:		
MFR.:					SUR.:1800x96mm			Shielding Angle:		
<b>ceiling/cavity</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>	<b>0.7</b>	<b>0.7</b>	<b>0.5</b>	<b>0.5</b>	<b>0.3</b>
<b>walls</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.3</b>
<b>working plane</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
<b>Room dimensions</b>	<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>x = 2H y = 2H</b>	<b>23.7</b>	<b>25.2</b>	<b>24.0</b>	<b>25.4</b>	<b>25.7</b>	<b>23.2</b>	<b>24.7</b>	<b>23.5</b>	<b>24.9</b>	<b>25.2</b>
<b>3H</b>	<b>25.4</b>	<b>26.8</b>	<b>25.8</b>	<b>27.1</b>	<b>27.4</b>	<b>24.6</b>	<b>26.0</b>	<b>24.9</b>	<b>26.2</b>	<b>26.5</b>
<b>4H</b>	<b>26.2</b>	<b>27.5</b>	<b>26.6</b>	<b>27.8</b>	<b>28.1</b>	<b>25.1</b>	<b>26.4</b>	<b>25.4</b>	<b>26.7</b>	<b>27.0</b>
<b>6H</b>	<b>26.9</b>	<b>28.1</b>	<b>27.2</b>	<b>28.4</b>	<b>28.8</b>	<b>25.4</b>	<b>26.7</b>	<b>25.8</b>	<b>27.0</b>	<b>27.3</b>
<b>8H</b>	<b>27.1</b>	<b>28.3</b>	<b>27.5</b>	<b>28.7</b>	<b>29.0</b>	<b>25.5</b>	<b>26.7</b>	<b>25.9</b>	<b>27.0</b>	<b>27.4</b>
<b>12H</b>	<b>27.4</b>	<b>28.5</b>	<b>27.8</b>	<b>28.9</b>	<b>29.2</b>	<b>25.5</b>	<b>26.7</b>	<b>25.9</b>	<b>27.0</b>	<b>27.4</b>
<b>4H 2H</b>	<b>24.3</b>	<b>25.6</b>	<b>24.6</b>	<b>25.9</b>	<b>26.2</b>	<b>23.9</b>	<b>25.2</b>	<b>24.3</b>	<b>25.5</b>	<b>25.9</b>
<b>3H</b>	<b>26.3</b>	<b>27.4</b>	<b>26.6</b>	<b>27.8</b>	<b>28.1</b>	<b>25.5</b>	<b>26.7</b>	<b>25.9</b>	<b>27.0</b>	<b>27.4</b>
<b>4H</b>	<b>27.2</b>	<b>28.2</b>	<b>27.6</b>	<b>28.6</b>	<b>29.0</b>	<b>26.2</b>	<b>27.3</b>	<b>26.6</b>	<b>27.6</b>	<b>28.0</b>
<b>6H</b>	<b>28.0</b>	<b>28.9</b>	<b>28.4</b>	<b>29.3</b>	<b>29.8</b>	<b>26.7</b>	<b>27.6</b>	<b>27.1</b>	<b>28.0</b>	<b>28.5</b>
<b>8H</b>	<b>28.3</b>	<b>29.2</b>	<b>28.8</b>	<b>29.6</b>	<b>30.1</b>	<b>26.8</b>	<b>27.7</b>	<b>27.3</b>	<b>28.1</b>	<b>28.6</b>
<b>12H</b>	<b>28.7</b>	<b>29.5</b>	<b>29.1</b>	<b>29.9</b>	<b>30.4</b>	<b>26.9</b>	<b>27.7</b>	<b>27.4</b>	<b>28.2</b>	<b>28.6</b>
<b>8H 4H</b>	<b>27.5</b>	<b>28.4</b>	<b>28.0</b>	<b>28.8</b>	<b>29.3</b>	<b>26.7</b>	<b>27.6</b>	<b>27.1</b>	<b>28.0</b>	<b>28.4</b>
<b>6H</b>	<b>28.5</b>	<b>29.3</b>	<b>29.0</b>	<b>29.7</b>	<b>30.2</b>	<b>27.4</b>	<b>28.1</b>	<b>27.9</b>	<b>28.6</b>	<b>29.1</b>
<b>8H</b>	<b>29.0</b>	<b>29.7</b>	<b>29.5</b>	<b>30.2</b>	<b>30.7</b>	<b>27.7</b>	<b>28.3</b>	<b>28.2</b>	<b>28.8</b>	<b>29.3</b>
<b>12H</b>	<b>29.5</b>	<b>30.1</b>	<b>30.0</b>	<b>30.5</b>	<b>31.1</b>	<b>27.9</b>	<b>28.4</b>	<b>28.4</b>	<b>28.9</b>	<b>29.5</b>
<b>12H 4H</b>	<b>27.5</b>	<b>28.3</b>	<b>28.0</b>	<b>28.8</b>	<b>29.2</b>	<b>26.7</b>	<b>27.6</b>	<b>27.2</b>	<b>28.0</b>	<b>28.5</b>
<b>6H</b>	<b>28.6</b>	<b>29.3</b>	<b>29.1</b>	<b>29.8</b>	<b>30.3</b>	<b>27.6</b>	<b>28.2</b>	<b>28.1</b>	<b>28.7</b>	<b>29.2</b>
<b>8H</b>	<b>29.2</b>	<b>29.8</b>	<b>29.7</b>	<b>30.3</b>	<b>30.8</b>	<b>27.9</b>	<b>28.5</b>	<b>28.4</b>	<b>29.0</b>	<b>29.5</b>
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	<b>+ 0.1 / - 0.2</b>					<b>+ 0.2 / - 0.2</b>				
<b>1.5H</b>	<b>+ 0.1 / - 0.3</b>					<b>+ 0.2 / - 0.3</b>				
<b>2.0H</b>	<b>+ 0.1 / - 0.3</b>					<b>+ 0.1 / - 0.3</b>				

CIE Pub.117, 7571 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 7.0)  
 Area: 0.1 m2

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	Shielding Angle:

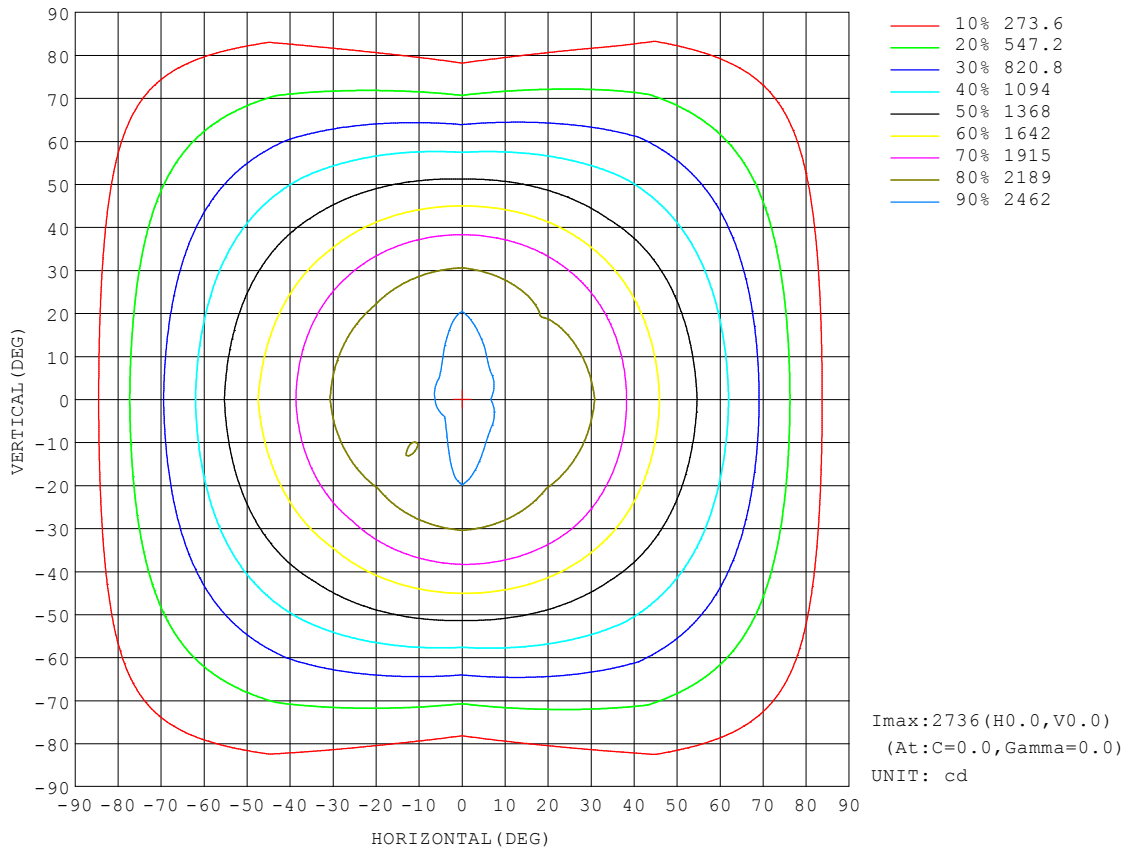
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	56	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	55	73	62	55	71	64	55	47
1.25	81	70	63	80	70	63	77	68	62	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	84	77	91	83	77	87	80	75	66
2.50	97	89	83	95	87	82	91	84	79	70
3.00	101	93	87	98	91	86	94	88	84	74
4.00	105	99	93	102	97	92	97	93	89	79
5.00	107	102	97	104	100	96	99	96	92	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-28

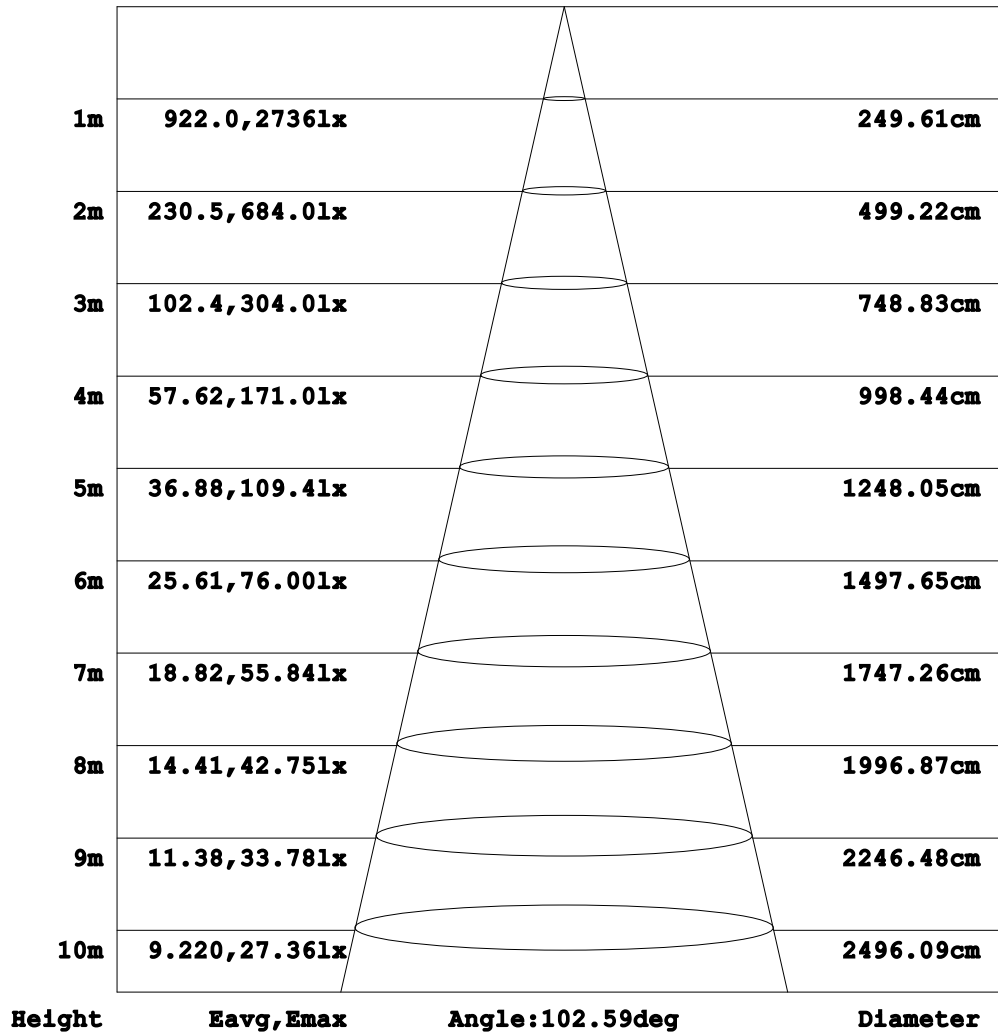
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	Shielding Angle:

**Flux out:4745 lm**



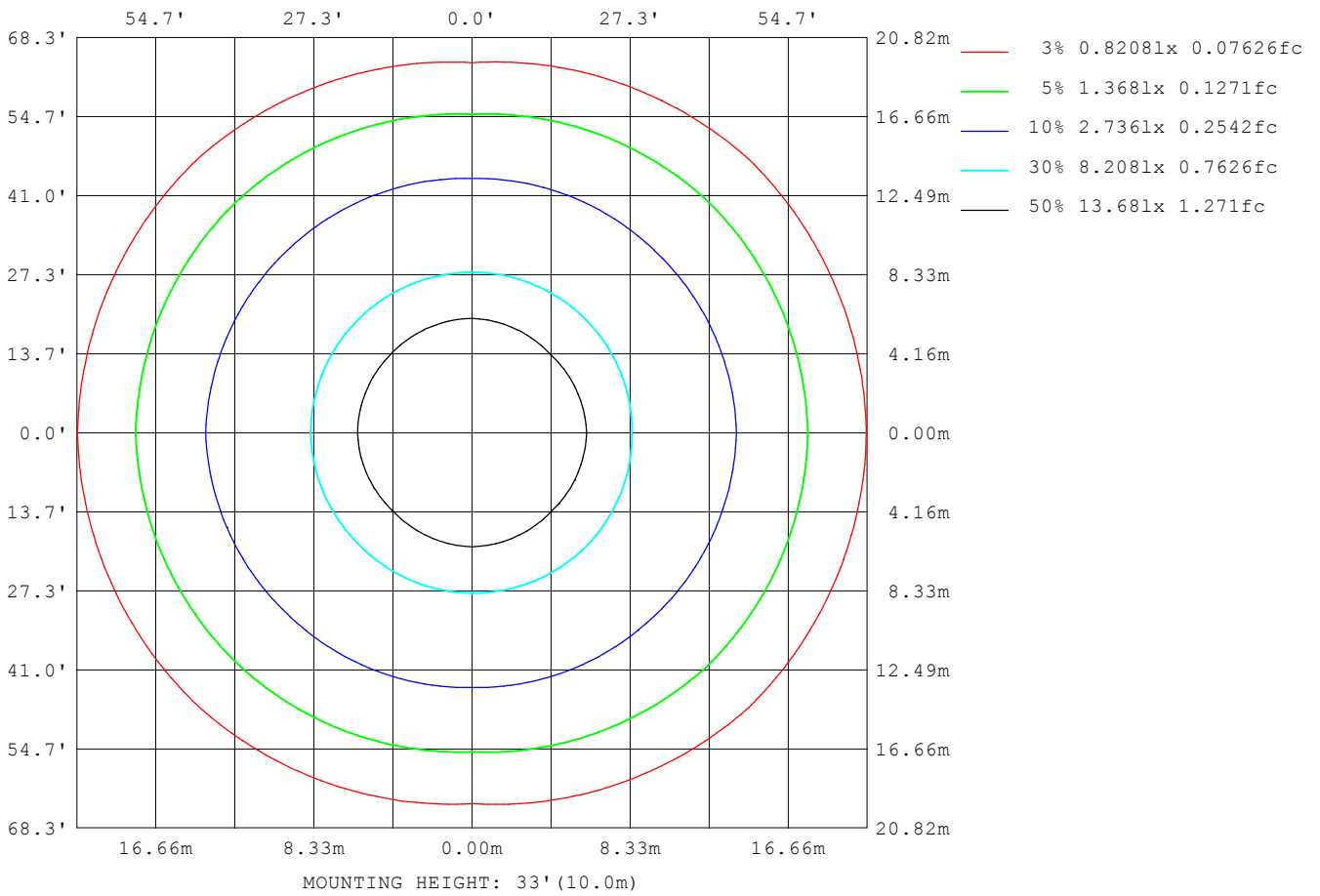
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	Shielding Angle:



**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:**  
**Test Date:2024-04-28**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421**  
**Humidity:65.0%**  
**Test Distance:11.498m [K=1.0000]**  
**Remarks:**

LED Avg.L Report

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	Shielding Angle:

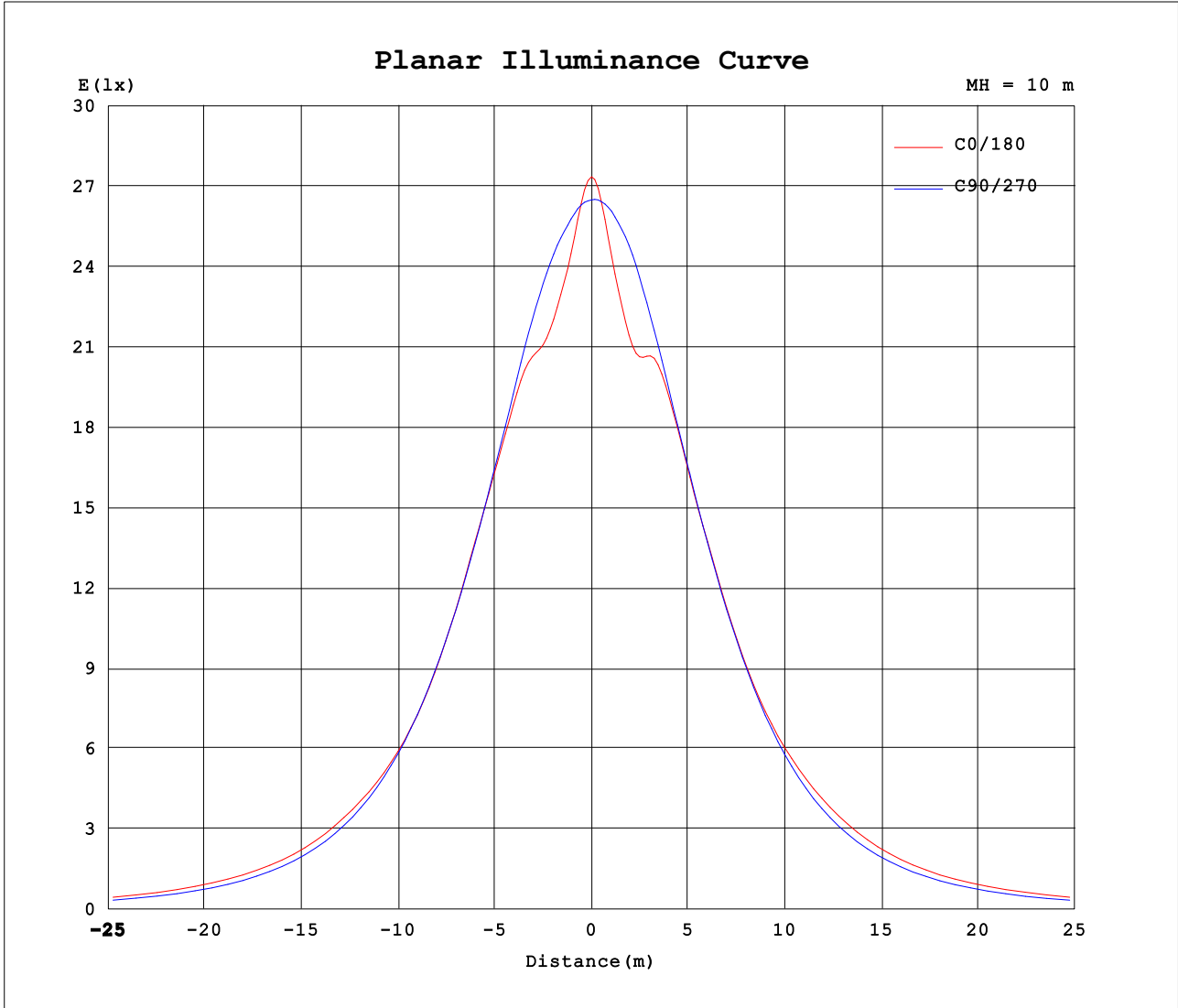
AvgL	cd/m2
L_0~180 (65) av	23210
L_0~180 (75) av	23623
L_0~180 (85) av	28179
L_90~270 (65) av	18380
L_90~270 (75) av	14811
L_90~270 (85) av	9737
L_45 (65) av	22067
L_45 (75) av	22614
L_45 (85) av	31031

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2024-04-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity: 65.0%  
 Test Distance: 11.498m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.28V I:0.2363A P:55.287W PF:0.9736 Freq:49.98Hz Lamp Flux:7571.39x1 lm		
NAME: S29698	TYPE:LED NCF	WEIGHT:
SPEC.:55W 4000K	DIM.: 1800x96x79mm	SERIAL No.:
MFR.:	SUR.:1800x96mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315											
0	2736	2719	2650	2672	2736	2719	2650	2672											
5	2540	2642	2628	2492	2536	2567	2652	2631											
10	2354	2443	2596	2298	2298	2357	2629	2434											
15	2321	2308	2545	2179	2288	2216	2566	2292											
20	2382	2234	2461	2214	2409	2223	2472	2204											
25	2311	2232	2342	2244	2338	2263	2350	2195											
30	2210	2150	2203	2144	2206	2176	2206	2130											
35	2043	2028	2038	1992	2051	2028	2039	2008											
40	1843	1868	1852	1822	1867	1851	1846	1851											
45	1670	1654	1647	1623	1710	1641	1639	1643											
50	1532	1444	1431	1445	1563	1455	1422	1436											
55	1354	1282	1210	1278	1379	1287	1200	1271											
60	1167	1121	992	1099	1174	1106	982	1109											
65	981	946	781	922	981	924	772	938											
70	787	769	578	745	800	749	572	770											
75	593	592	385	576	630	579	382	594											
80	401	421	215	417	437	421	216	420											
85	235	266	83.9	263	256	274	85.8	279											
90	131	154	23.6	146	134	155	25.1	164											
95	79.0	92.1	18.9	88.3	80.1	91.9	20.8	93.8											
100	60.6	61.8	16.5	60.9	60.6	60.6	17.8	61.4											
105	55.4	46.4	14.8	46.8	55.8	44.9	15.7	46.6											
110	49.0	37.3	13.7	39.7	49.8	36.7	14.1	37.2											
115	41.0	27.9	13.0	32.4	42.0	30.7	13.1	28.9											
120	34.3	20.4	12.7	25.6	35.2	24.5	12.4	21.4											
125	28.7	16.5	12.7	20.3	29.1	19.3	12.0	16.9											
130	23.9	14.8	12.5	17.2	23.8	16.1	11.7	14.4											
135	20.0	14.6	13.3	16.3	19.6	15.1	12.4	13.9											
140	17.4	14.9	14.2	15.9	17.0	14.8	13.3	13.9											
145	16.8	15.3	14.9	16.0	16.1	14.9	14.2	14.2											
150	16.7	15.8	15.6	16.1	15.6	15.3	15.0	14.8											
155	16.8	16.2	16.1	16.4	15.9	15.7	15.7	15.3											
160	17.1	16.7	16.6	16.8	16.4	16.1	16.2	15.8											
165	17.4	17.1	17.1	17.1	17.0	16.6	16.7	16.3											
170	17.9	17.4	17.4	17.4	17.6	17.1	17.2	16.7											
175	18.1	17.7	17.6	17.5	17.9	17.4	17.5	17.1											
180	18.1	17.8	17.6	17.6	18.1	17.8	17.7	17.5											

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024-04-28

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks: