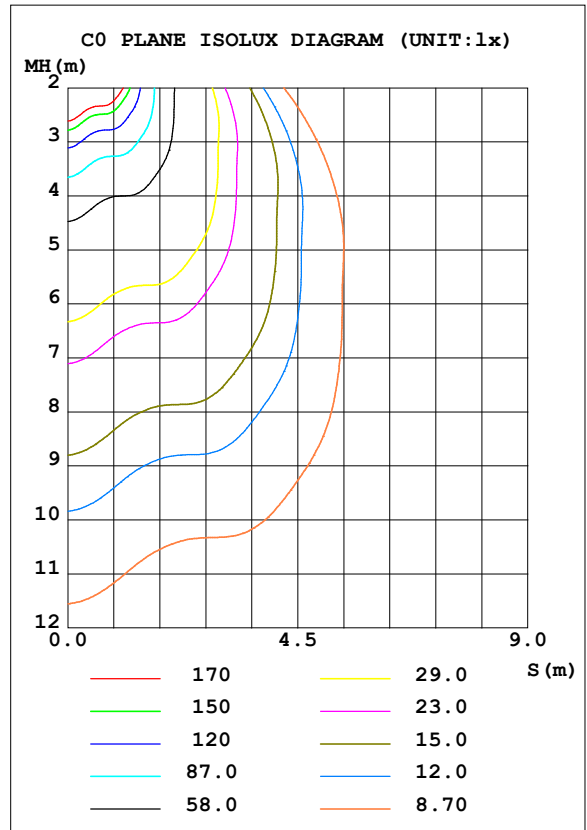
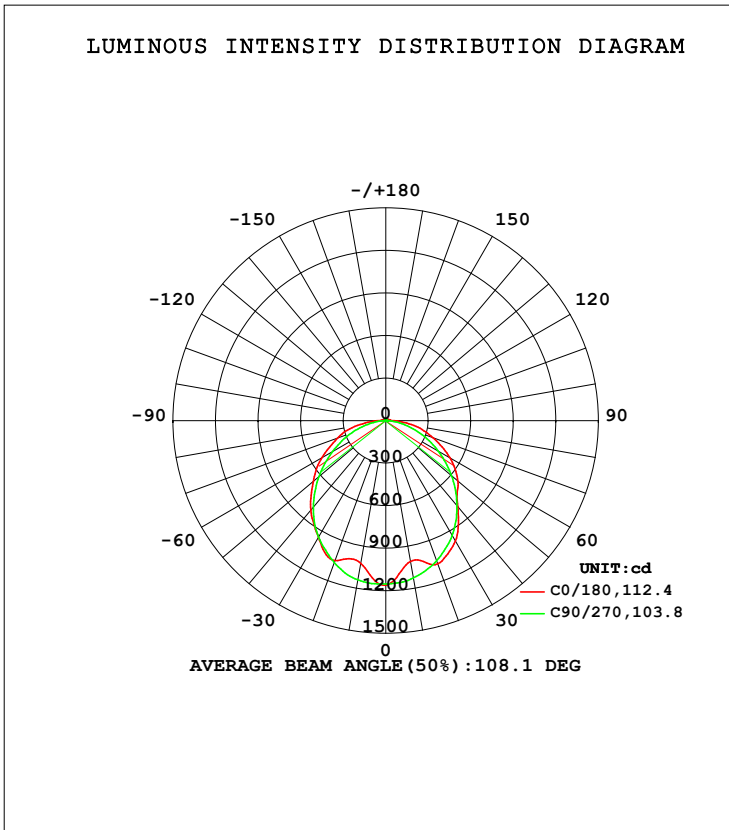


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.47 lm/W			
MODEL	S29694	I <sub>max</sub> (cd)	1162	S/MH (C0/180)	1.22
NOMINAL POWER (W)	26.0577	LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	3321.5	η UP, DN (C0-180)	1.4, 48.3
NOMINAL FLUX (lm)	3321.48	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 48.9
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	240.273	η down (%)	97.2	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:

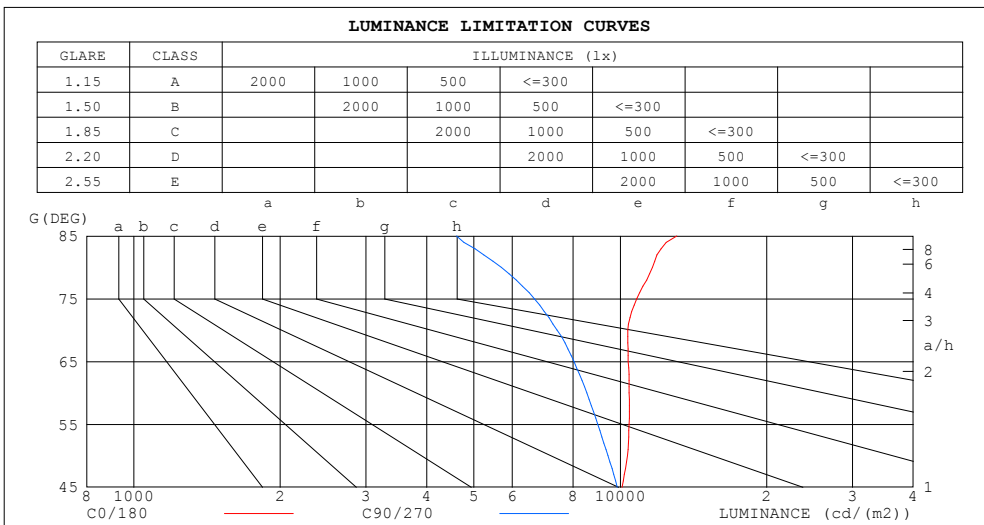
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	☉ zone	☉ total	lum, lamp
10	1008	1045	1126	1021	1023	1051	1140	1056	0- 10	105.0	105.0	3.16,3.16
20	1074	975.4	1051	974.4	1049	981.1	1064	966.7	10- 20	291.2	396.1	11.9,11.9
30	982.3	966.8	936.6	937.7	950.7	952.6	948.3	960.6	20- 30	459.6	855.8	25.8,25.8
40	790.8	828.3	781.8	784.9	824.2	799.5	794.9	830.2	30- 40	552.6	1408	42.4,42.4
50	664.6	624.4	606.6	624.2	667.7	631.2	616.0	627.1	40- 50	553.9	1962	59.1,59.1
60	521.2	470.8	426.8	466.8	519.0	479.4	431.4	475.6	50- 60	494.7	2457	74,74
70	354.6	336.9	253.6	328.1	362.8	335.1	258.7	341.5	60- 70	393.1	2850	85.8,85.8
80	202.3	195.3	98.93	195.2	204.2	200.9	102.2	201.4	70- 80	262.0	3112	93.7,93.7
90	56.68	73.55	12.20	65.22	55.71	72.14	12.63	81.77	80- 90	116.7	3229	97.2,97.2
100	24.89	27.10	8.568	26.29	25.33	27.13	9.953	29.59	90-100	36.78	3266	98.3,98.3
110	20.59	16.50	4.603	17.48	20.48	17.45	5.285	18.02	100-110	19.44	3285	98.9,98.9
120	14.96	9.503	4.811	11.09	14.95	11.14	4.945	11.18	110-120	12.51	3297	99.3,99.3
130	10.63	6.520	5.370	7.871	10.73	7.846	5.228	7.154	120-130	7.904	3305	99.5,99.5
140	7.755	6.529	6.162	7.012	8.029	6.813	5.879	6.579	130-140	5.549	3311	99.7,99.7
150	7.396	7.013	6.903	7.205	7.037	6.929	6.604	6.770	140-150	4.330	3315	99.8,99.8
160	7.613	7.471	7.396	7.571	7.363	7.346	7.263	7.121	150-160	3.319	3319	99.9,99.9
170	8.004	7.813	7.829	7.946	7.997	7.854	7.746	7.512	160-170	2.154	3321	100,100
180	8.138	8.080	7.988	7.946	8.146	8.013	8.021	7.863	170-180	0.7557	3321	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:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	13067	4609
80	11649	5697
75	10815	6654
70	10368	7415
65	10380	8028
60	10423	8535
55	10426	8992
50	10340	9436
45	10089	9854

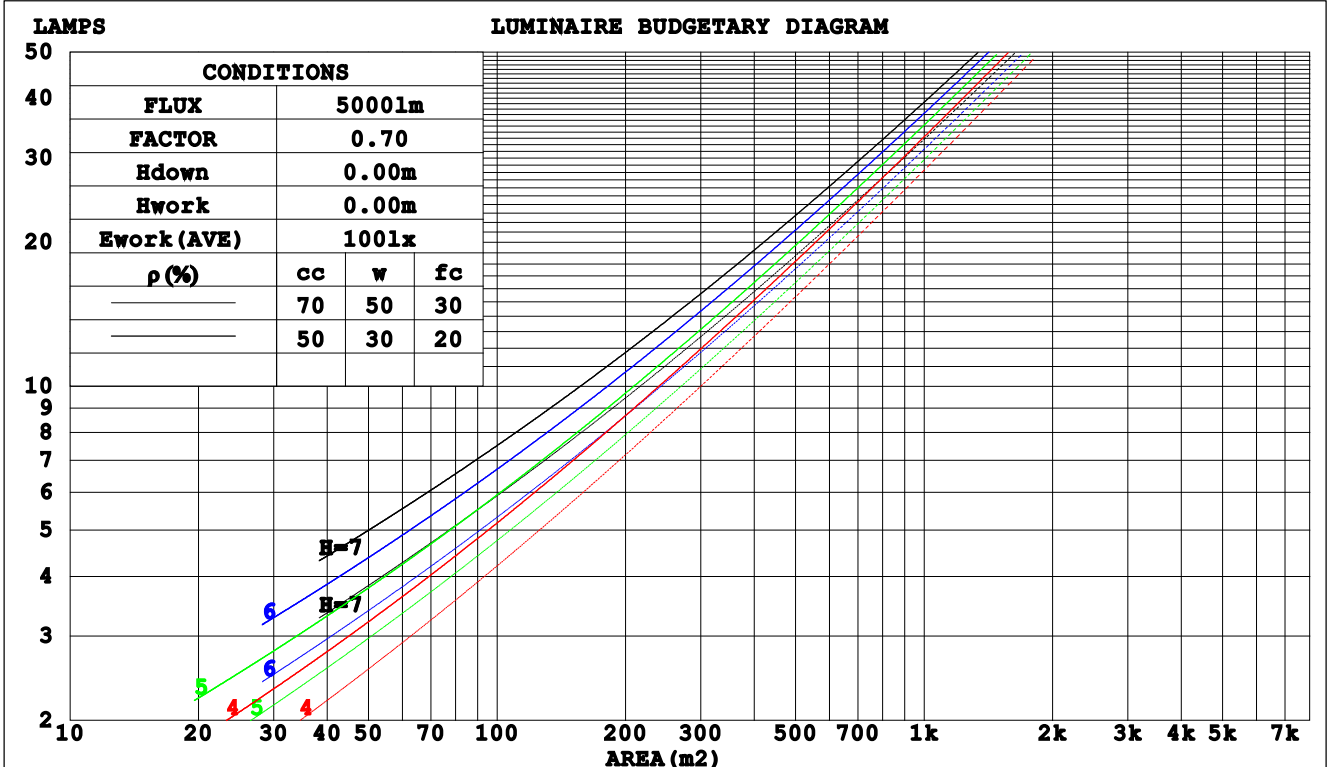
**C Range: 0 - 360DEG**  
**C Interval: 45.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:**  
**Test Date:2024-04-28**

**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:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	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																
pfc																
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	.99	.99	.99	.97
1.0	1.02	.98	.93	.90	.95	.92	.95	.91	.88	.90	.88	.85	.86	.84	.82	.80
2.0	.89	.82	.76	.86	.80	.74	.82	.77	.72	.79	.74	.70	.75	.72	.68	.66
3.0	.78	.69	.63	.76	.68	.62	.72	.66	.60	.69	.64	.59	.66	.62	.58	.55
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.62	.55	.50	.59	.54	.49	.47
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.55	.49	.44	.53	.47	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.44	.39	.50	.43	.38	.48	.42	.38	.35
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.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:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	Shielding Angle:

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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients (WEC)</b>									
0.0																
1.0	.330	.188	.059	.322	.184	.058	.307	.176	.056	.294	.169	.054	.281	.163	.052	
2.0	.302	.166	.051	.295	.163	.050	.282	.157	.049	.270	.151	.047	.259	.146	.046	
3.0	.276	.147	.044	.270	.145	.044	.258	.140	.043	.247	.136	.042	.237	.131	.041	
4.0	.253	.132	.039	.248	.130	.038	.237	.126	.038	.227	.122	.037	.218	.119	.036	
5.0	.233	.119	.034	.228	.117	.034	.219	.114	.034	.210	.111	.033	.202	.108	.032	
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.195	.101	.030	.187	.099	.029	
7.0	.200	.099	.028	.196	.098	.028	.189	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024	
9.0	.175	.084	.024	.171	.084	.023	.165	.082	.023	.159	.080	.023	.154	.078	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.021	.150	.075	.021	.145	.073	.021	

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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients (CCEC)</b>									
0.0	.212	.212	.212	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.203	.177	.154	.174	.152	.133	.119	.105	.092	.068	.061	.053	.022	.020	.017	
2.0	.195	.153	.118	.167	.132	.102	.115	.091	.071	.066	.053	.042	.021	.017	.014	
3.0	.187	.136	.095	.161	.117	.082	.110	.082	.058	.064	.048	.034	.020	.015	.011	
4.0	.180	.123	.080	.154	.106	.069	.106	.074	.049	.061	.043	.029	.020	.014	.009	
5.0	.172	.113	.069	.148	.097	.060	.102	.068	.042	.059	.040	.025	.019	.013	.008	
6.0	.165	.104	.061	.142	.090	.053	.098	.063	.037	.057	.037	.022	.018	.012	.007	
7.0	.158	.097	.055	.136	.084	.048	.094	.059	.034	.055	.035	.020	.018	.011	.007	
8.0	.151	.092	.051	.130	.079	.044	.090	.056	.031	.052	.033	.019	.017	.011	.006	
9.0	.145	.087	.047	.125	.075	.041	.087	.053	.029	.050	.031	.017	.016	.010	.006	
10.0	.139	.082	.044	.120	.072	.039	.083	.050	.028	.049	.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:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm										
NAME: S29694					TYPE:LED NCF			WEIGHT:		
SPEC.:25W 4000K					DIM.: 1500x96x79mm			SERIAL No.:		
MFR.:					SUR.:1500x96mm			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>20.8</b>	<b>22.3</b>	<b>21.1</b>	<b>22.5</b>	<b>22.8</b>	<b>20.1</b>	<b>21.6</b>	<b>20.5</b>	<b>21.9</b>	<b>22.2</b>
<b>3H</b>	<b>22.6</b>	<b>24.0</b>	<b>22.9</b>	<b>24.3</b>	<b>24.6</b>	<b>21.6</b>	<b>23.0</b>	<b>21.9</b>	<b>23.3</b>	<b>23.5</b>
<b>4H</b>	<b>23.5</b>	<b>24.8</b>	<b>23.8</b>	<b>25.1</b>	<b>25.4</b>	<b>22.1</b>	<b>23.5</b>	<b>22.5</b>	<b>23.8</b>	<b>24.1</b>
<b>6H</b>	<b>24.2</b>	<b>25.5</b>	<b>24.6</b>	<b>25.8</b>	<b>26.2</b>	<b>22.5</b>	<b>23.8</b>	<b>22.9</b>	<b>24.1</b>	<b>24.4</b>
<b>8H</b>	<b>24.6</b>	<b>25.8</b>	<b>25.0</b>	<b>26.1</b>	<b>26.5</b>	<b>22.6</b>	<b>23.8</b>	<b>23.0</b>	<b>24.2</b>	<b>24.5</b>
<b>12H</b>	<b>24.9</b>	<b>26.0</b>	<b>25.2</b>	<b>26.4</b>	<b>26.7</b>	<b>22.7</b>	<b>23.8</b>	<b>23.1</b>	<b>24.2</b>	<b>24.5</b>
<b>4H 2H</b>	<b>21.4</b>	<b>22.7</b>	<b>21.7</b>	<b>23.0</b>	<b>23.3</b>	<b>20.9</b>	<b>22.2</b>	<b>21.2</b>	<b>22.5</b>	<b>22.8</b>
<b>3H</b>	<b>23.4</b>	<b>24.6</b>	<b>23.8</b>	<b>24.9</b>	<b>25.3</b>	<b>22.6</b>	<b>23.7</b>	<b>23.0</b>	<b>24.1</b>	<b>24.4</b>
<b>4H</b>	<b>24.4</b>	<b>25.5</b>	<b>24.8</b>	<b>25.9</b>	<b>26.3</b>	<b>23.3</b>	<b>24.3</b>	<b>23.7</b>	<b>24.7</b>	<b>25.1</b>
<b>6H</b>	<b>25.4</b>	<b>26.3</b>	<b>25.8</b>	<b>26.7</b>	<b>27.2</b>	<b>23.8</b>	<b>24.8</b>	<b>24.3</b>	<b>25.2</b>	<b>25.6</b>
<b>8H</b>	<b>25.8</b>	<b>26.7</b>	<b>26.3</b>	<b>27.1</b>	<b>27.6</b>	<b>24.0</b>	<b>24.9</b>	<b>24.5</b>	<b>25.3</b>	<b>25.7</b>
<b>12H</b>	<b>26.2</b>	<b>27.0</b>	<b>26.6</b>	<b>27.4</b>	<b>27.9</b>	<b>24.1</b>	<b>24.9</b>	<b>24.6</b>	<b>25.4</b>	<b>25.8</b>
<b>8H 4H</b>	<b>24.8</b>	<b>25.6</b>	<b>25.2</b>	<b>26.1</b>	<b>26.5</b>	<b>23.8</b>	<b>24.7</b>	<b>24.2</b>	<b>25.1</b>	<b>25.5</b>
<b>6H</b>	<b>26.0</b>	<b>26.7</b>	<b>26.4</b>	<b>27.2</b>	<b>27.6</b>	<b>24.6</b>	<b>25.3</b>	<b>25.1</b>	<b>25.8</b>	<b>26.3</b>
<b>8H</b>	<b>26.5</b>	<b>27.2</b>	<b>27.0</b>	<b>27.7</b>	<b>28.2</b>	<b>24.9</b>	<b>25.6</b>	<b>25.4</b>	<b>26.0</b>	<b>26.5</b>
<b>12H</b>	<b>27.0</b>	<b>27.6</b>	<b>27.6</b>	<b>28.1</b>	<b>28.6</b>	<b>25.1</b>	<b>25.7</b>	<b>25.6</b>	<b>26.2</b>	<b>26.7</b>
<b>12H 4H</b>	<b>24.8</b>	<b>25.6</b>	<b>25.3</b>	<b>26.0</b>	<b>26.5</b>	<b>23.9</b>	<b>24.7</b>	<b>24.3</b>	<b>25.1</b>	<b>25.6</b>
<b>6H</b>	<b>26.1</b>	<b>26.7</b>	<b>26.6</b>	<b>27.2</b>	<b>27.7</b>	<b>24.8</b>	<b>25.4</b>	<b>25.3</b>	<b>25.9</b>	<b>26.4</b>
<b>8H</b>	<b>26.7</b>	<b>27.3</b>	<b>27.2</b>	<b>27.8</b>	<b>28.3</b>	<b>25.2</b>	<b>25.8</b>	<b>25.7</b>	<b>26.3</b>	<b>26.8</b>
<b>Variations with the observer position at spacings:</b>										
<b>S = 1.0H</b>	<b>+ 0.1 / - 0.1</b>					<b>+ 0.2 / - 0.2</b>				
<b>1.5H</b>	<b>+ 0.1 / - 0.2</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, 3321 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.2)  
 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:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	Shielding Angle:

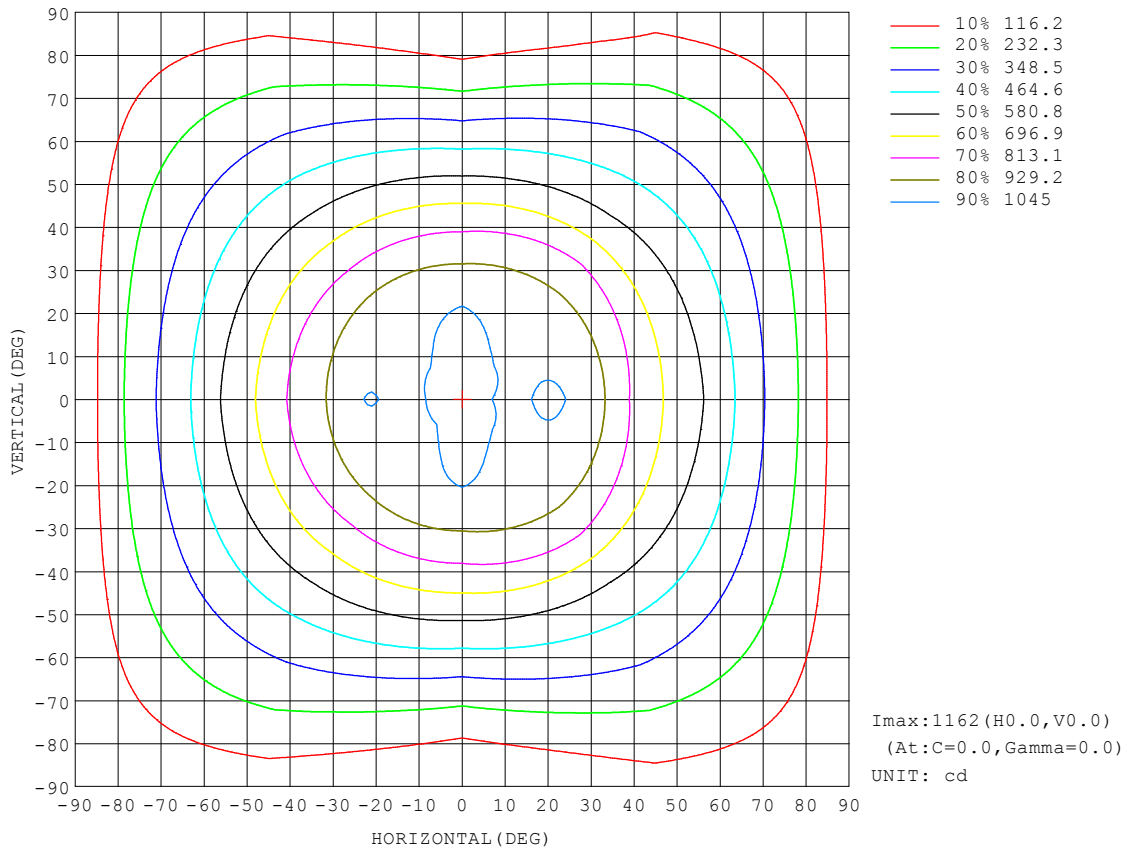
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	80	69	62	77	68	61	54
1.50	86	76	68	84	75	68	81	73	67	59
2.00	93	84	77	91	83	76	87	80	74	66
2.50	97	89	82	95	87	81	90	84	79	70
3.00	100	93	87	98	91	86	93	88	83	74
4.00	104	98	93	102	96	92	97	93	89	79
5.00	107	102	97	104	100	95	99	95	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:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	Shielding Angle:



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

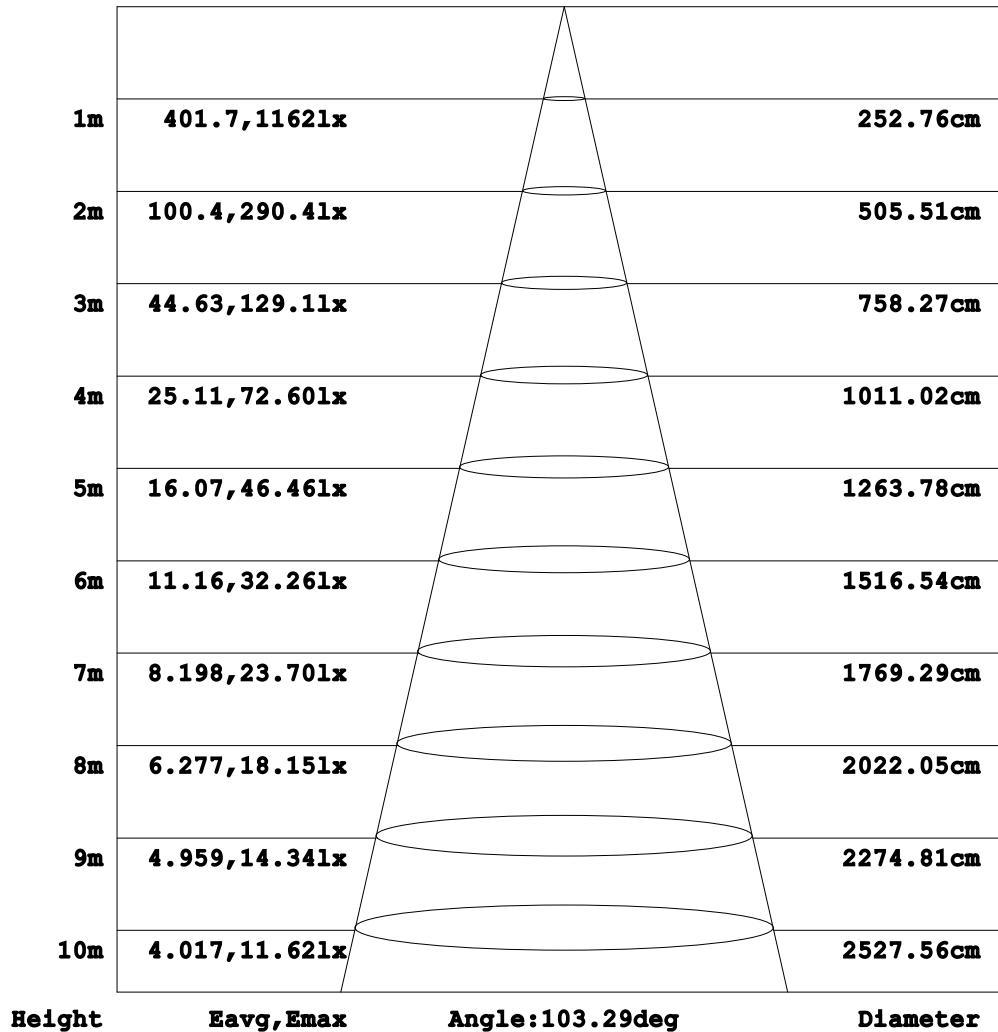
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:11.498m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	Shielding Angle:

**Flux out:2067 lm**



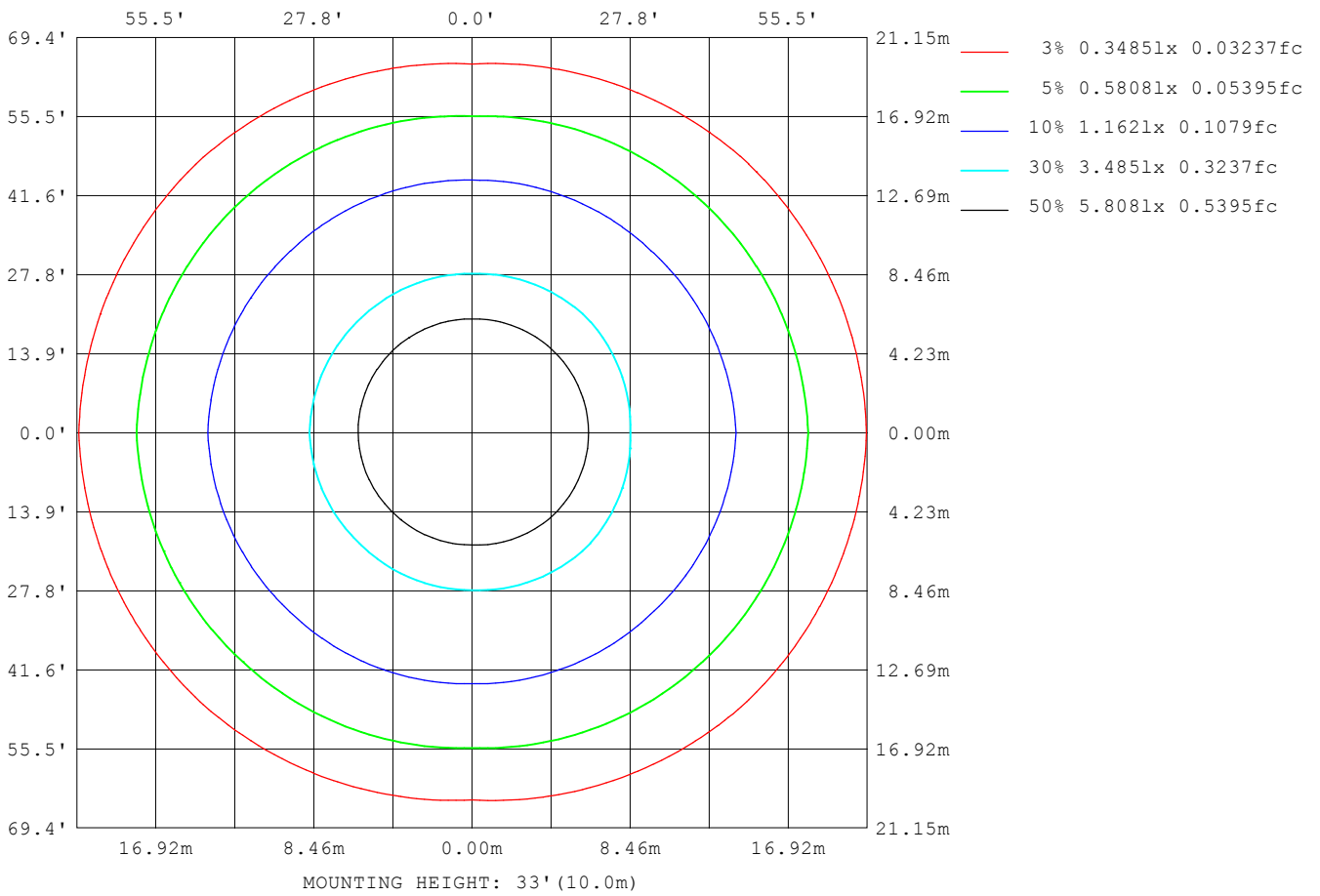
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	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:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	Shielding Angle:

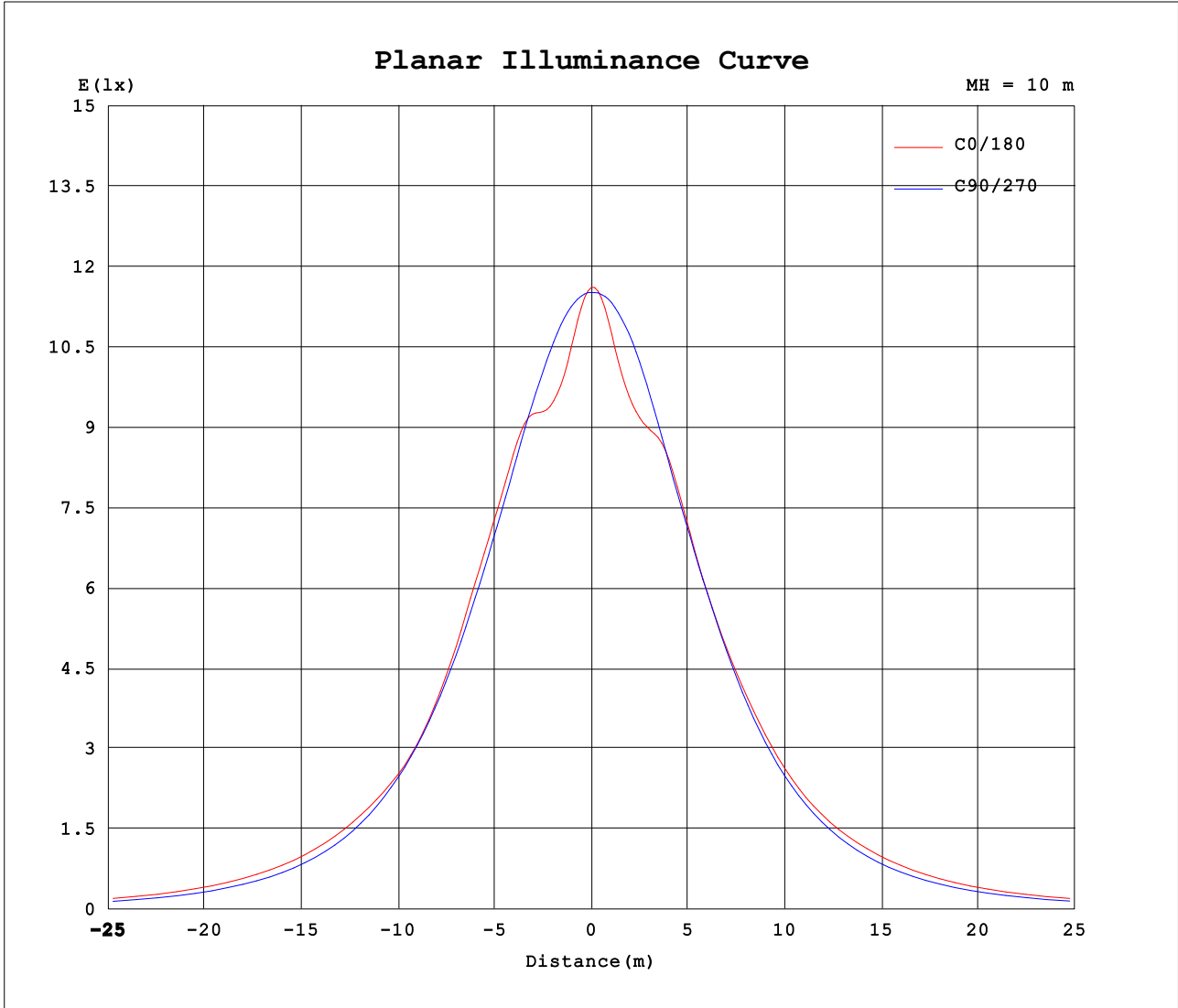
AvgL	cd/m2
L_0~180 (65) av	10319
L_0~180 (75) av	11120
L_0~180 (85) av	12996
L_90~270 (65) av	8081
L_90~270 (75) av	6744
L_90~270 (85) av	4732
L_45 (65) av	9569
L_45 (75) av	10245
L_45 (85) av	14790

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:240.27V I:0.1162A P:26.058W PF:0.9333 Freq:50.00Hz Lamp Flux:3321.48x1 lm		
NAME: S29694	TYPE:LED NCF	WEIGHT:
SPEC.:25W 4000K	DIM.: 1500x96x79mm	SERIAL No.:
MFR.:	SUR.:1500x96mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315											
0	1162	1159	1152	1149	1162	1159	1152	1149											
5	1087	1128	1146	1097	1113	1125	1153	1133											
10	1008	1045	1126	1021	1023	1051	1140	1056											
15	1029	987	1093	979	1008	997	1112	988											
20	1074	975	1051	974	1049	981	1064	967											
25	1036	993	996	980	1023	983	1008	981											
30	982	967	937	938	951	953	948	961											
35	893	906	864	863	887	880	878	904											
40	791	828	782	785	824	799	795	830											
45	713	725	697	705	746	716	706	729											
50	665	624	607	624	668	631	616	627											
55	598	542	516	545	599	554	524	546											
60	521	471	427	467	519	479	431	476											
65	439	405	339	398	434	406	344	408											
70	355	337	254	328	363	335	259	342											
75	280	264	172	260	296	266	177	271											
80	202	195	98.9	195	204	201	102	201											
85	114	131	40.2	122	113	131	42.3	132											
90	56.7	73.6	12.2	65.2	55.7	72.1	12.6	81.8											
95	33.2	41.2	9.76	37.6	32.1	40.8	11.2	44.7											
100	24.9	27.1	8.57	26.3	25.3	27.1	9.95	29.6											
105	22.9	20.6	6.13	20.9	23.4	21.0	8.56	22.4											
110	20.6	16.5	4.60	17.5	20.5	17.4	5.28	18.0											
115	17.5	12.8	4.63	14.1	17.3	14.2	4.96	14.5											
120	15.0	9.50	4.81	11.1	14.9	11.1	4.94	11.2											
125	12.7	7.36	5.09	8.82	12.9	8.82	5.03	8.65											
130	10.6	6.52	5.37	7.87	10.7	7.85	5.23	7.15											
135	8.78	6.41	5.73	7.44	8.90	7.32	5.51	6.75											
140	7.75	6.53	6.16	7.01	8.03	6.81	5.88	6.58											
145	7.47	6.76	6.55	7.08	7.58	6.78	6.24	6.64											
150	7.40	7.01	6.90	7.20	7.04	6.93	6.60	6.77											
155	7.51	7.26	7.20	7.38	7.13	7.13	6.95	6.95											
160	7.61	7.47	7.40	7.57	7.36	7.35	7.26	7.12											
165	7.79	7.66	7.66	7.79	7.66	7.60	7.52	7.32											
170	8.00	7.81	7.83	7.95	8.00	7.85	7.75	7.51											
175	8.05	7.98	7.91	7.95	8.15	8.01	7.91	7.74											
180	8.14	8.08	7.99	7.95	8.15	8.01	8.02	7.86											

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: