

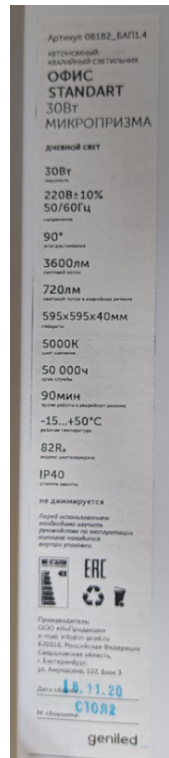
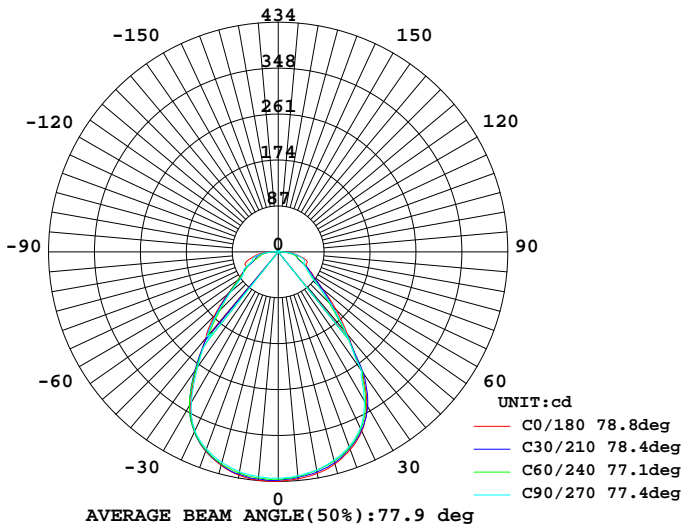
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Office BAP 1.4 standart 30W 595x595x40 5000K 82Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4978	DIMENSION: 595x595x45	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	434.3	S/MH(C0/180)	1.13
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.12
NOMINAL POWER(W)		TOTAL FLUX(lm)	829.6	Voltage(V)	
RATED VOLTAGE(V)		EFFICIENCY(lm/W)		Current(A)	
NOMINAL FLUX(lm)	829.6	η up(%)	2.3	Power(W)	
LAMPS QUANTITY	1	η down(%)	97.7	Power Factor(PF)	
TEST VOLTAGE(V)		Effective Flux(lm)	829.6	EEL	

LUMINOUS INTENSITY DISTRIBUTION



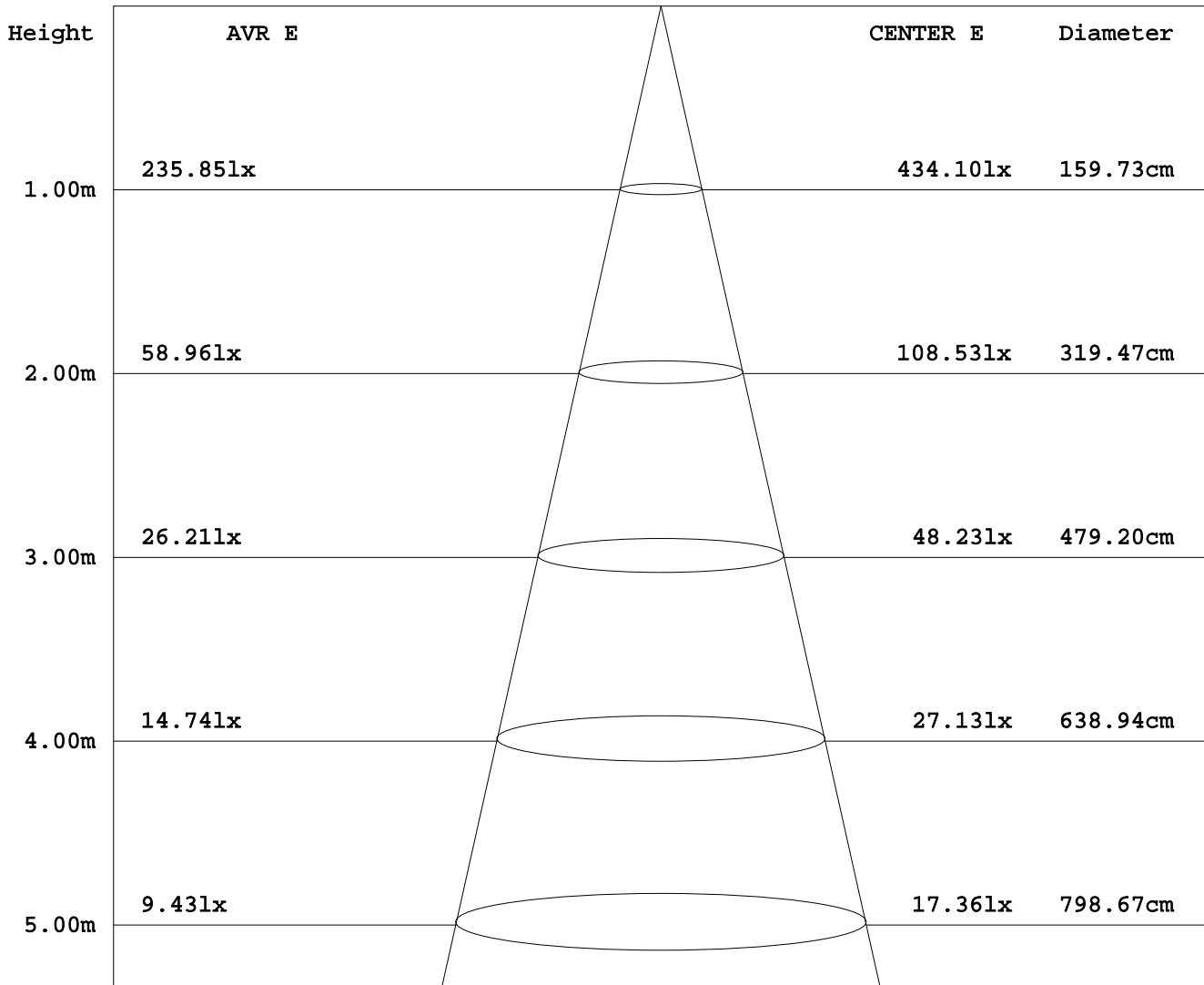
Temperature: 25.3 °C
Operators:
Test Date: 20-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 83Ra.

AVERAGE AND CENTER E Figure

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SPECIFICATION:	CCT(K): 4978	DIMENSION: 595x595x45	SERIAL No.:



Angle:77.2deg

Temperature:25.3'C
 Operators:
 Test Date:20-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 83Ra.

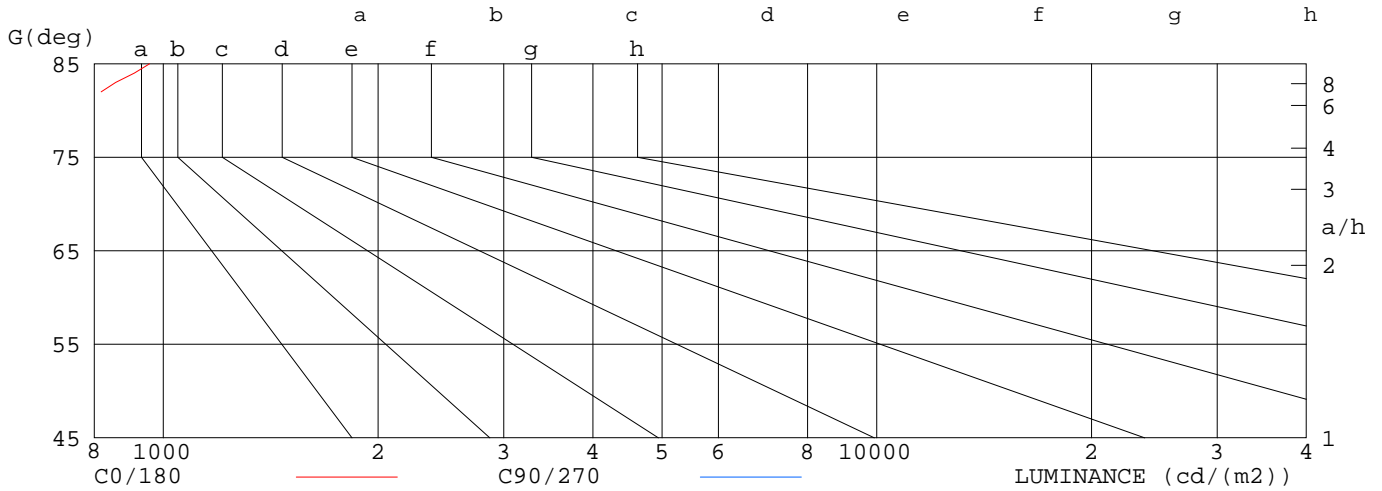
LUMINANCE LIMITATION CURVES

Report number:

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SPECIFICATION:	CCT(K): 4978	DIMENSION: 595x595x45	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2

G(deg)	C0/180	C90/270
85	956	794
80	739	652
75	633	552
70	553	427
65	447	448
60	431	429
55	463	417
50	552	510
45	682	648

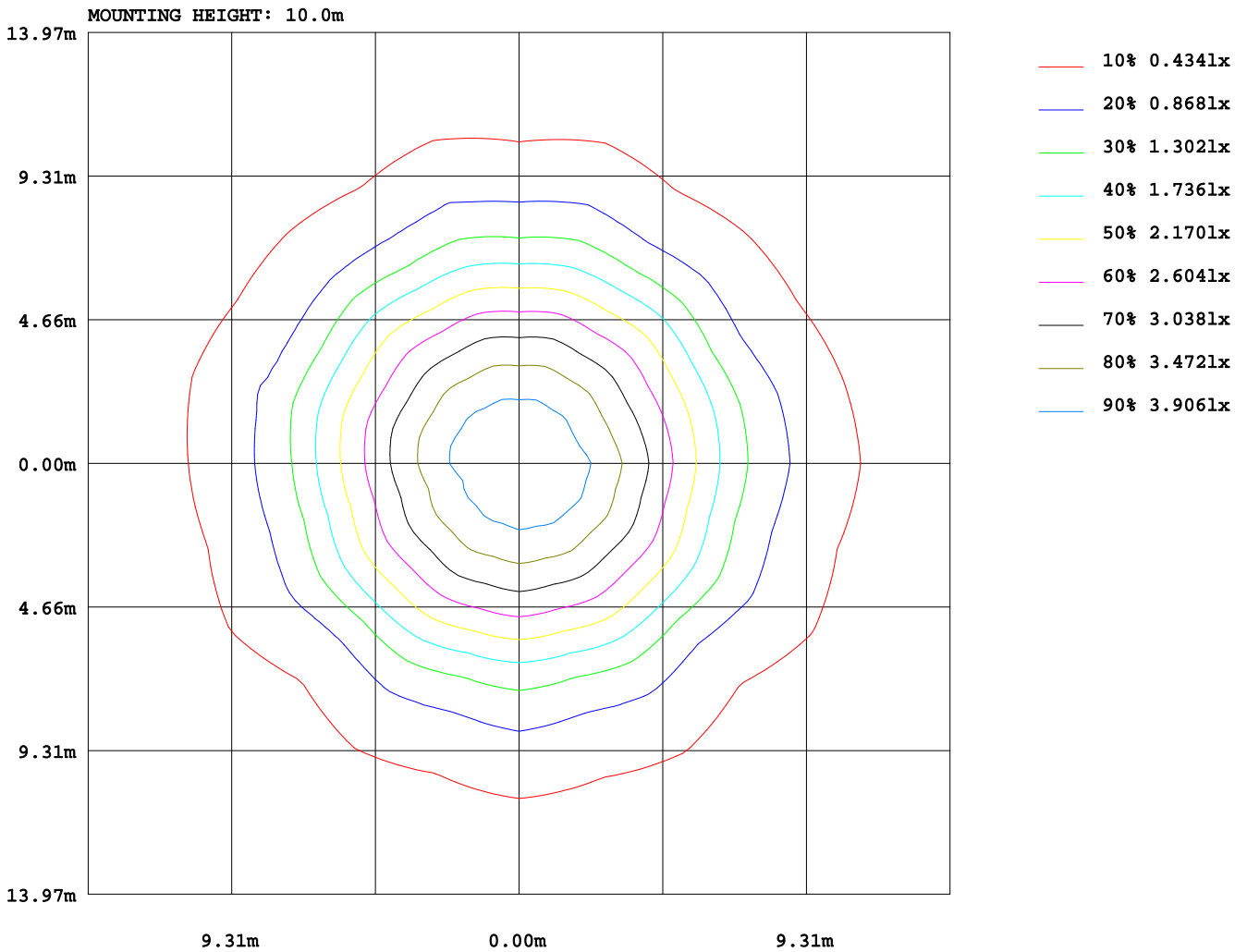
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ISOLUX DIAGRAM

Report number:

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SPECIFICATION:	CCT(K): 4978	DIMENSION: 595x595x45	SERIAL No.:



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UGR Table

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NAME: Office BAP 1.4 standart 30W 595x595x40 5000K 82Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4978	DIMENSION: 595x595x45	SERIAL No.:

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	9.2	10.5	9.5	10.7	11.0	8.9	10.2	9.2	10.4	10.7
3H	10.7	11.9	11.0	12.2	12.5	10.2	11.4	10.5	11.7	11.9
4H	11.7	12.9	12.1	13.2	13.5	11.1	12.3	11.4	12.5	12.8
6H	12.8	13.9	13.1	14.2	14.5	12.1	13.2	12.5	13.5	13.8
8H	13.3	14.4	13.7	14.7	15.0	12.6	13.7	13.0	14.0	14.3
12H	13.8	14.8	14.2	15.2	15.5	13.0	14.0	13.4	14.4	14.7
4H 2H	9.5	10.6	9.8	10.9	11.2	9.3	10.4	9.6	10.7	11.0
3H	11.3	12.3	11.7	12.6	13.0	10.8	11.9	11.2	12.2	12.5
4H	12.5	13.4	12.9	13.7	14.1	11.9	12.8	12.3	13.2	13.6
6H	13.7	14.5	14.1	14.9	15.3	13.1	13.9	13.5	14.3	14.7
8H	14.3	15.1	14.8	15.5	15.9	13.6	14.4	14.1	14.8	15.2
12H	14.9	15.6	15.4	16.0	16.5	14.1	14.8	14.6	15.3	15.7
8H 4H	12.7	13.5	13.2	13.9	14.3	12.2	13.0	12.6	13.4	13.8
6H	14.2	14.8	14.7	15.3	15.7	13.6	14.2	14.1	14.7	15.1
8H	14.9	15.5	15.4	16.0	16.5	14.3	14.8	14.7	15.3	15.8
12H	15.6	16.1	16.2	16.6	17.1	14.9	15.4	15.4	15.8	16.4
12H 4H	12.8	13.5	13.2	13.9	14.3	12.3	13.0	12.7	13.4	13.8
6H	14.2	14.8	14.7	15.3	15.8	13.7	14.3	14.2	14.7	15.2
8H	15.1	15.6	15.6	16.1	16.6	14.4	14.9	14.9	15.4	15.9

Variations with the observer position at spacings:

S = 1.0H	+ 0.2 / - 0.2	+ 0.2 / - 0.2
1.5H	+ 0.2 / - 0.3	+ 0.3 / - 0.3
2.0H	+ 0.5 / - 0.6	+ 0.3 / - 0.6

CIE Pub.117 Corrected 829.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.6)

Temperature: 25.3 °C
 Operators:
 Test Date: 20-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
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 Remarks: 83Ra.

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

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SPECIFICATION:	CCT(K): 4978	DIMENSION: 595x595x45	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	434	433	432	431	430	429	428	427	426	425	423	422	434	433	432
5.0	434	431	432	430	430	427	427	424	424	421	421	419	431	431	429
10.0	429	426	427	423	425	421	423	418	419	416	417	413	426	427	423
15.0	418	413	416	412	415	410	412	407	410	405	408	403	416	418	413
20.0	402	395	401	394	400	392	397	390	396	389	393	385	398	402	395
25.0	375	368	376	369	375	366	373	365	372	364	372	363	374	381	372
30.0	331	322	336	328	336	320	328	320	334	327	336	322	336	346	339
35.0	271	255	276	256	273	249	266	249	271	254	275	254	278	289	282
40.0	212	199	209	182	206	192	210	190	202	175	204	192	204	196	197
45.0	171	150	165	128	156	144	162	140	151	122	157	141	155	167	146
50.0	126	118	123	91.5	120	112	116	107	114	85.7	116	110	111	125	108
55.0	94.0	102	91.1	67.1	92.5	88.3	84.6	87.0	85.7	62.5	85.3	96.3	82.5	104	80.9
60.0	76.3	78.5	76.8	55.0	74.1	73.0	75.9	73.1	68.0	52.2	72.5	75.7	67.5	90.5	66.2
65.0	66.7	60.9	62.6	51.5	64.0	57.5	67.0	56.0	60.7	48.6	60.0	57.5	58.2	68.5	52.3
70.0	66.9	54.5	49.0	44.6	51.2	46.0	51.7	42.7	49.7	41.9	46.5	52.4	58.3	59.2	40.0
75.0	58.0	44.8	43.7	34.2	36.8	41.8	50.5	41.1	35.4	32.4	41.6	43.7	51.7	53.2	37.0
80.0	45.4	34.5	36.3	23.9	32.0	30.7	40.0	30.5	30.8	22.5	35.7	32.7	37.5	42.0	31.7
85.0	29.4	19.5	22.6	11.7	20.2	16.4	24.5	15.7	18.9	10.9	22.1	18.5	23.4	29.1	18.0
90.0	6.80	1.80	6.80	1.60	6.00	1.60	6.20	1.20	4.70	1.10	5.00	1.20	2.60	8.80	2.70
95.0	4.70	1.40	4.30	1.20	4.10	1.20	4.30	1.20	4.10	1.20	4.10	1.20	1.70	4.50	1.30
100.0	4.30	1.50	3.90	1.30	3.80	1.30	3.90	1.30	3.80	1.30	3.80	1.30	1.90	4.20	1.40
105.0	4.10	1.60	3.70	1.50	3.60	1.40	3.70	1.40	3.50	1.40	3.60	1.40	2.00	4.00	1.50
110.0	3.90	1.70	3.60	1.60	3.50	1.60	3.60	1.50	3.40	1.50	3.50	1.60	2.10	3.80	1.70
115.0	3.90	1.90	3.60	1.80	3.40	1.70	3.50	1.70	3.40	1.70	3.40	1.70	2.30	3.70	1.90
120.0	3.80	2.10	3.50	2.00	3.50	1.90	3.50	1.90	3.40	1.90	3.40	1.90	2.50	3.70	2.00
125.0	3.90	2.30	3.60	2.20	3.50	2.20	3.60	2.20	3.50	2.10	3.50	2.10	2.80	3.80	2.30
130.0	3.90	2.50	3.60	2.40	3.60	2.40	3.60	2.30	3.50	2.30	3.50	2.30	3.00	3.80	2.50
135.0	4.00	2.70	3.70	2.50	3.60	2.60	3.70	2.50	3.60	2.50	3.60	2.50	3.20	3.90	2.70
140.0	4.00	2.90	3.70	2.70	3.70	2.70	3.70	2.70	3.60	2.60	3.70	2.70	3.40	3.90	2.90
145.0	4.10	3.10	3.80	2.90	3.70	2.90	3.80	2.80	3.70	2.80	3.70	2.90	3.60	4.00	3.00
150.0	4.10	3.20	3.90	3.10	3.80	3.10	3.80	3.00	3.70	3.00	3.80	3.00	3.80	4.10	3.20
155.0	4.20	3.40	4.00	3.30	3.90	3.30	4.00	3.20	3.80	3.20	3.90	3.20	3.90	4.20	3.30
160.0	4.30	3.60	4.10	3.50	4.10	3.50	4.00	3.40	4.00	3.40	4.00	3.40	4.10	4.30	3.60
165.0	4.50	3.80	4.20	3.70	4.20	3.70	4.20	3.60	4.10	3.60	4.10	3.60	4.30	4.30	3.70
170.0	4.50	4.00	4.40	3.90	4.30	3.80	4.30	3.80	4.20	3.80	4.20	3.70	4.50	4.40	3.90
175.0	4.60	4.10	4.40	3.90	4.40	3.90	4.30	3.90	4.30	3.90	4.30	3.80	4.70	4.40	4.00
180.0	4.60	4.20	4.40	4.10	4.30	4.00	4.40	4.00	4.30	4.00	4.20	3.90	4.90	4.40	4.10

Temperature: 25.3 °C
 Operators:
 Test Date: 20-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 83Ra.

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 4978	DIMENSION: 595x595x45	SERIAL No.:

UNIT: cd

C(deg) \ γ (deg)	225	240	255	270	285	300	315	330	345
0.0	431	430	429	428	427	426	425	423	422
5.0	429	426	427	425	425	423	425	421	422
10.0	425	420	422	419	421	418	420	416	418
15.0	416	409	412	408	412	407	411	404	407
20.0	401	394	398	392	398	391	395	388	392
25.0	379	370	377	368	376	366	374	363	368
30.0	346	331	337	326	335	328	339	327	330
35.0	289	278	280	276	278	278	278	256	272
40.0	197	194	204	198	208	184	201	185	210
45.0	150	136	161	143	156	131	143	140	159
50.0	107	98.1	117	96.3	117	96.5	104	104	122
55.0	75.1	73.5	90.5	71.6	90.9	74.4	73.7	78.4	105
60.0	58.2	61.5	76.4	61.6	76.5	63.0	58.2	64.0	88.8
65.0	53.2	53.7	62.5	52.4	61.7	54.1	54.5	48.4	66.3
70.0	49.5	41.7	56.3	53.3	56.5	41.9	50.0	39.5	59.8
75.0	40.9	35.7	50.0	48.1	50.8	36.7	40.0	37.7	51.7
80.0	32.6	28.4	40.0	34.5	40.7	28.9	32.5	30.3	41.2
85.0	20.4	14.8	25.6	19.5	26.1	15.0	19.7	16.3	28.2
90.0	6.60	1.90	7.30	1.90	6.40	1.20	5.10	1.20	7.00
95.0	4.10	1.30	4.30	1.20	4.30	1.20	4.00	1.20	4.40
100.0	3.80	1.30	4.00	1.30	4.00	1.30	3.70	1.30	4.00
105.0	3.60	1.40	3.70	1.50	3.70	1.40	3.60	1.40	3.80
110.0	3.60	1.60	3.60	1.60	3.60	1.60	3.50	1.60	3.70
115.0	3.50	1.80	3.60	1.80	3.60	1.80	3.40	1.70	3.60
120.0	3.50	2.00	3.60	2.00	3.50	2.00	3.40	1.90	3.60
125.0	3.60	2.20	3.60	2.20	3.60	2.20	3.50	2.20	3.60
130.0	3.60	2.40	3.70	2.40	3.70	2.40	3.50	2.40	3.70
135.0	3.70	2.60	3.70	2.60	3.70	2.50	3.60	2.60	3.70
140.0	3.80	2.80	3.80	2.80	3.80	2.80	3.70	2.70	3.80
145.0	3.80	2.90	3.90	3.00	3.90	2.90	3.70	2.90	3.80
150.0	3.90	3.10	3.90	3.10	3.90	3.10	3.80	3.00	3.90
155.0	4.00	3.30	4.00	3.30	4.00	3.30	3.90	3.20	3.90
160.0	4.10	3.50	4.10	3.50	4.10	3.40	4.00	3.40	4.10
165.0	4.20	3.60	4.20	3.70	4.20	3.60	4.10	3.60	4.20
170.0	4.30	3.80	4.30	3.90	4.30	3.80	4.20	3.70	4.20
175.0	4.40	3.90	4.40	3.90	4.30	3.90	4.30	3.90	4.30
180.0	4.40	4.00	4.30	4.10	4.30	4.00	4.30	4.00	4.30

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