

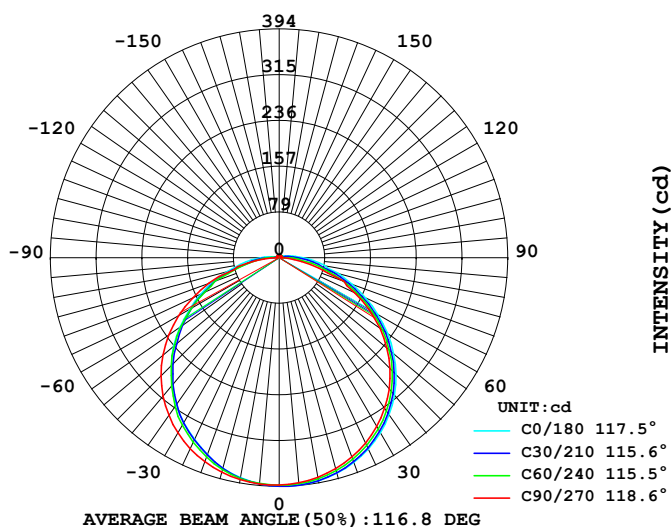
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

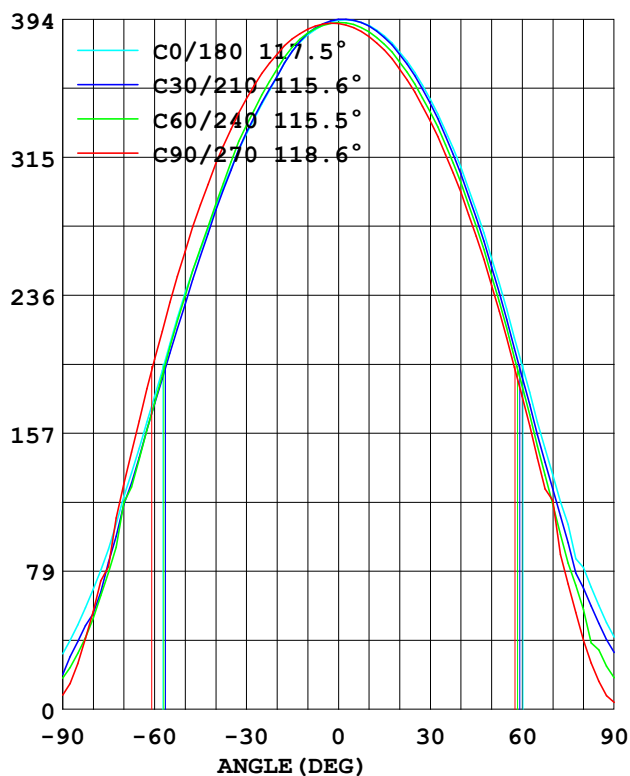
MANUFACTURER:		
Address:		
NAME: 2835 120LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	393.8	S/MH (C0/180)	1.25
MODEL	2835	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.32
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1248.0	Voltage (V)	12.00
RATED VOLTAGE (V)	12	EFFICIENCY (lm/W)	104.0	Current (A)	1.000
NOMINAL FLUX (lm)	1248.0	η up (%)	3.3	Power (W)	12.00
LAMPS QUANTITY	1	η down (%)	96.7	Power Factor (PF)	1.000
TEST VOLTAGE (V)	12.0	Effective Flux (lm)	1193.3	EET	0.135

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-11-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 6.000 m
 Remarks:

Color Temperature Data List

Report number:

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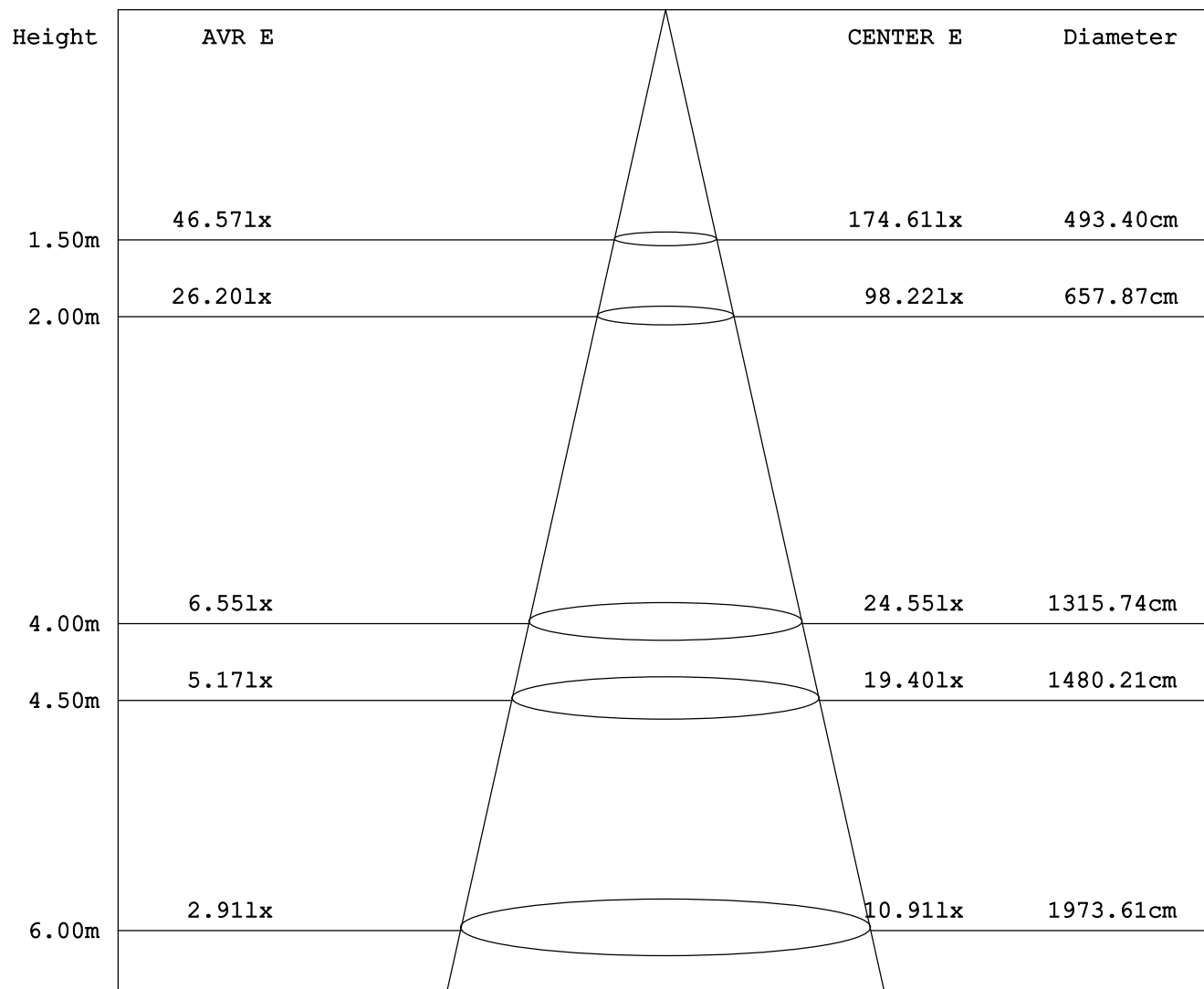
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: 2835 120LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No. :



Angle:117.4deg

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-11-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 2835 120LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No. :

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	390.1	390.9	390.6	389.0	392.7	389.9	388.7	388.5	0- 5	9.338	9.338
10.0	384.4	387.0	387.7	385.3	389.9	384.9	383.5	384.1	5- 10	27.74	37.08
15.0	375.3	379.9	382.2	378.7	383.8	376.9	375.8	377.5	10- 15	45.34	82.42
20.0	360.6	367.6	373.5	369.5	374.8	365.8	365.1	367.7	15- 20	61.53	143.9
25.0	345.0	353.4	362.5	357.1	363.2	352.1	352.0	355.6	20- 25	75.81	219.7
30.0	328.0	337.3	348.2	341.6	348.0	335.2	335.5	340.6	25- 30	87.79	307.5
35.0	308.3	317.2	330.8	323.8	329.7	315.7	316.2	321.7	30- 35	97.09	404.6
40.0	286.7	294.2	311.0	302.4	309.0	292.6	294.7	300.1	35- 40	103.2	507.8
45.0	261.8	270.4	287.5	277.8	284.4	266.2	269.6	275.4	40- 45	105.9	613.8
50.0	237.1	243.8	260.8	251.4	257.0	238.2	241.5	248.8	45- 50	105.2	719.0
55.0	208.5	216.0	232.1	221.2	228.1	206.7	211.8	221.3	50- 55	100.9	820.0
60.0	178.3	187.4	199.5	188.8	196.2	173.2	178.6	190.7	55- 60	93.32	913.3
65.0	148.8	155.7	164.3	156.6	163.6	140.8	143.2	161.1	60- 65	82.71	996.1
70.0	121.2	125.7	128.6	123.6	133.7	116.5	119.1	131.7	65- 70	69.93	1066
75.0	91.38	95.69	81.35	92.62	105.4	79.53	71.40	102.6	70- 75	55.65	1122
80.0	68.34	61.46	55.52	66.82	80.74	49.83	39.36	75.13	75- 80	40.41	1162
85.0	48.12	43.34	26.04	44.28	59.19	32.59	15.93	52.26	80- 85	27.71	1190
90.0	31.71	26.32	8.121	26.65	41.10	16.32	3.895	33.45	85- 90	17.42	1207
95.0	20.13	9.917	4.944	15.19	28.64	3.922	2.872	19.69	90- 95	9.977	1217
100.0	11.49	6.988	4.723	8.149	19.55	7.265	3.093	11.57	95-100	6.103	1223
105.0	5.607	5.497	4.585	4.336	12.79	4.309	3.259	6.546	100-105	3.916	1227
110.0	3.480	4.640	4.585	3.453	8.121	3.314	3.370	4.834	105-110	2.625	1230
115.0	3.508	4.640	4.557	3.508	5.828	3.646	3.508	4.806	110-115	2.182	1232
120.0	3.646	4.557	4.585	3.618	5.110	3.895	3.729	4.751	115-120	2.035	1234
125.0	3.839	4.557	4.640	3.756	5.055	3.895	3.812	4.778	120-125	1.961	1236
130.0	4.060	4.640	4.640	3.756	5.027	4.005	3.950	4.723	125-130	1.875	1238
135.0	4.088	4.696	4.723	3.812	4.972	3.977	4.060	4.778	130-135	1.763	1240
140.0	4.281	4.806	4.668	3.977	4.972	3.812	4.171	4.778	135-140	1.628	1241
145.0	4.254	4.723	4.751	4.060	4.861	4.033	4.254	4.834	140-145	1.484	1243
150.0	4.254	4.806	4.834	4.116	4.834	4.143	4.364	4.806	145-150	1.319	1244
155.0	4.392	4.834	4.806	4.198	4.834	4.254	4.447	4.917	150-155	1.144	1245
160.0	4.336	4.834	4.889	4.309	4.861	4.336	4.502	4.889	155-160	0.959	1246
165.0	4.419	4.834	4.889	4.419	4.944	4.447	4.668	4.861	160-165	0.763	1247
170.0	4.530	4.889	4.944	4.530	4.972	4.392	4.778	4.889	165-170	0.555	1248
175.0	4.502	4.806	4.944	4.447	4.999	4.475	4.806	4.889	170-175	0.336	1248
180.0	4.668	4.806	4.861	4.447	4.889	4.530	4.999	4.834	175-180	0.112	1248
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-11-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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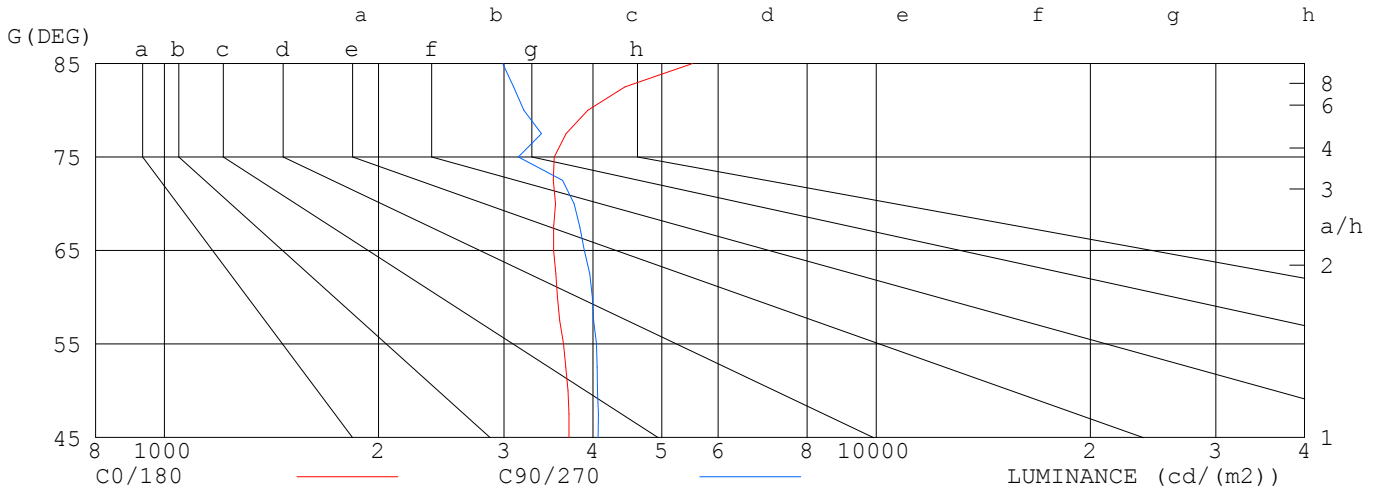
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
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NAME: 2835 120LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No. :

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A	2000	1000	500	<=300				
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



G (DEG)	LUMINANCE cd/ (m2)	
	C0/180	C90/270
85	5521	2989
80	3936	3198
75	3531	3143
70	3545	3762
65	3521	3890
60	3567	3991
55	3637	4047
50	3689	4057
45	3704	4066

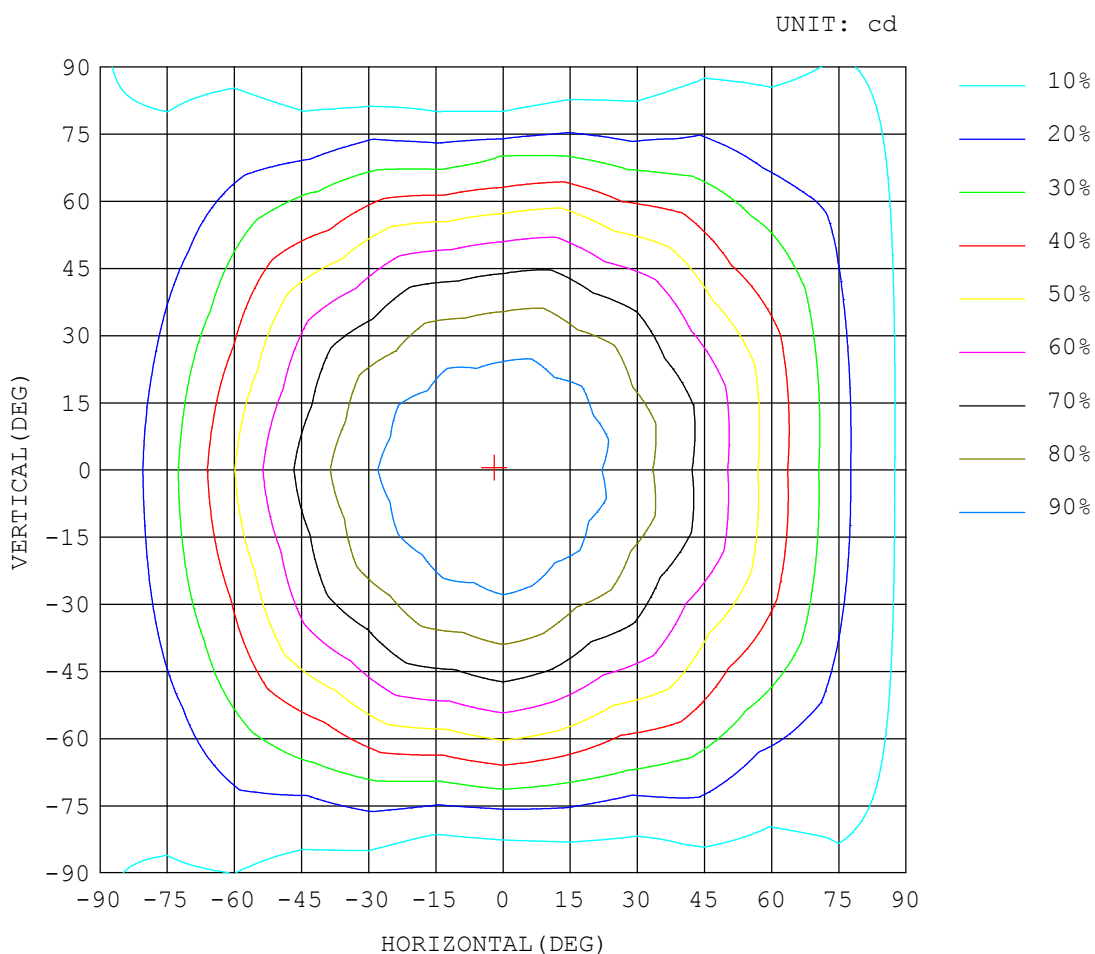
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ISOCANDELA DIAGRAM

Report number:

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