

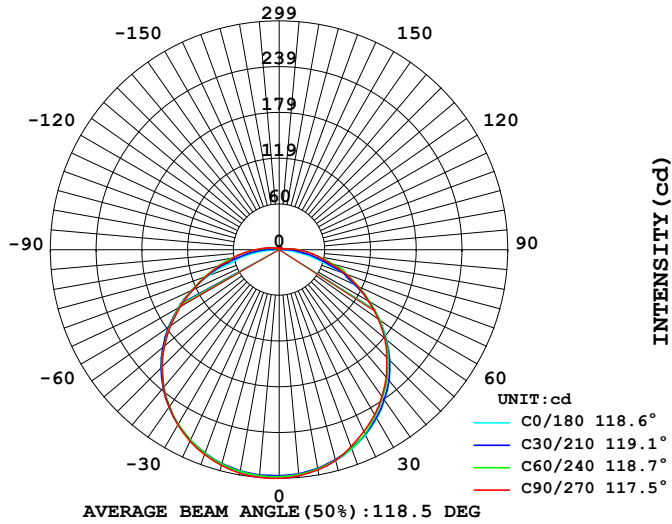
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

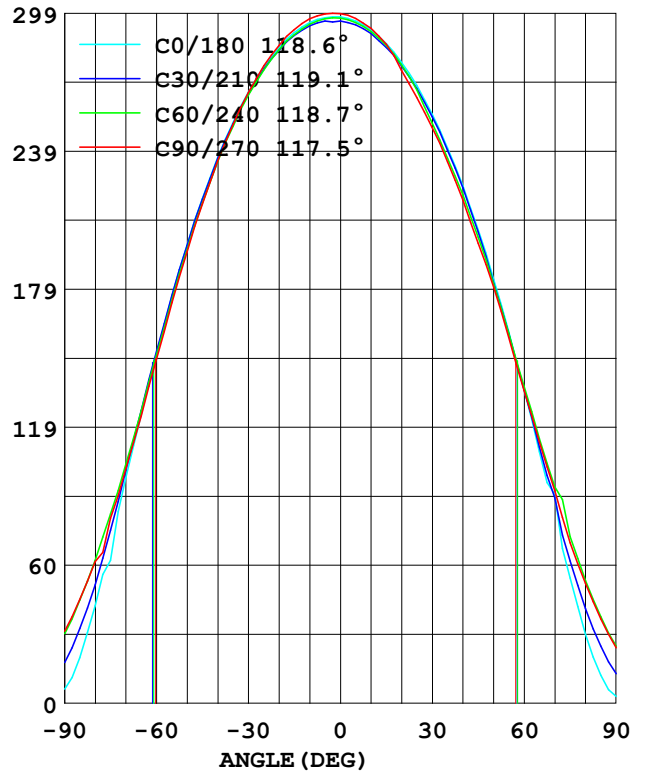
MANUFACTURER:		
Address:		
NAME: 2835 60LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	299.0	S/MH (C0/180)	1.32
MODEL	2835	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.32
NOMINAL POWER (W)	9.2	TOTAL FLUX (lm)	947.60	Voltage (V)	12.00
RATED VOLTAGE (V)	12	EFFICIENCY (lm/W)	103.0	Current (A)	0.770
NOMINAL FLUX (lm)	947.6	$\eta$ up (%)	3.3	Power (W)	9.200
LAMPS QUANTITY	1	$\eta$ down (%)	96.7	Power Factor (PF)	1.000
TEST VOLTAGE (V)	12.0	Effective Flux (lm)	906.0	EET	0.130

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:

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## Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME: 2835 60LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No. :

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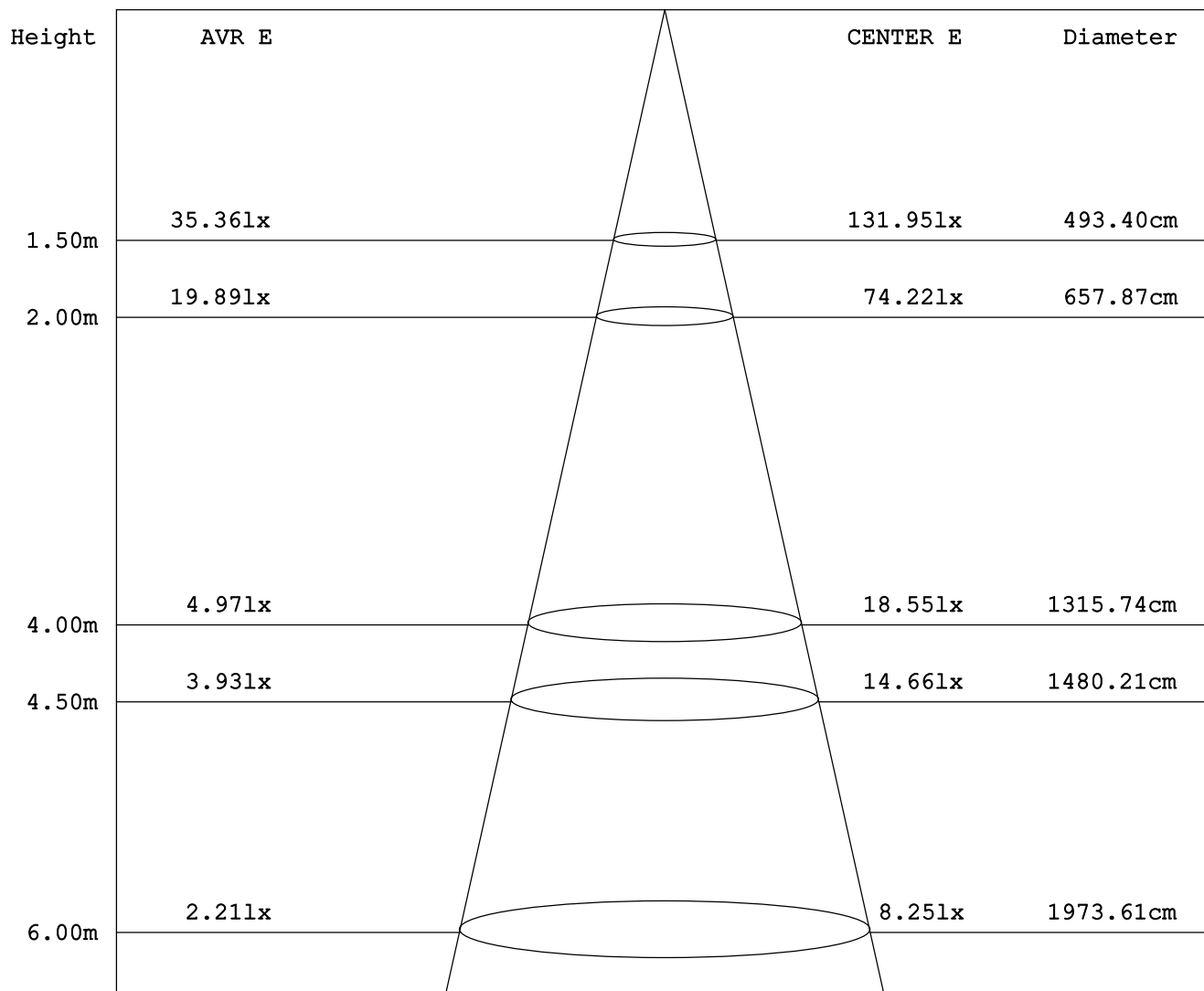
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:03-11-2020

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 60LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No. :



Angle:117.4deg

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:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 2835 60LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	296.5	295.4	298.2	296.0	295.1	295.0	296.2	296.8	0- 5	7.091	7.091
10.0	294.4	292.6	296.1	292.3	291.2	291.6	291.9	293.9	5- 10	21.06	28.16
15.0	290.2	287.5	291.4	286.1	285.3	286.6	284.9	288.4	10- 15	34.42	62.58
20.0	283.6	280.6	284.6	277.7	277.2	279.2	273.8	279.1	15- 20	46.72	109.3
25.0	275.2	271.1	275.7	267.4	267.2	270.0	261.9	268.3	20- 25	57.56	166.8
30.0	264.4	259.3	264.2	254.5	254.7	258.6	249.0	256.1	25- 30	66.66	233.5
35.0	251.2	245.9	250.3	239.7	240.1	244.3	234.1	240.8	30- 35	73.72	307.2
40.0	236.1	229.6	234.6	222.2	223.8	227.8	217.7	223.4	35- 40	78.36	385.6
45.0	218.3	210.9	215.9	202.1	204.7	209.1	198.8	205.3	40- 45	80.44	466.0
50.0	198.0	190.9	195.1	180.9	183.4	188.9	180.0	185.1	45- 50	79.92	546.0
55.0	176.2	168.0	173.2	156.9	160.8	168.0	158.3	164.0	50- 55	76.66	622.6
60.0	151.5	143.3	149.0	131.5	135.6	144.8	135.4	142.3	55- 60	70.86	693.5
65.0	124.8	118.9	124.2	106.9	108.7	122.3	112.9	118.2	60- 65	62.80	756.3
70.0	97.70	93.90	101.5	88.47	90.44	100.0	92.05	95.45	65- 70	53.10	809.4
75.0	61.77	70.32	80.08	60.38	54.22	77.92	69.38	72.65	70- 75	42.25	851.6
80.0	42.15	50.73	61.30	37.83	29.88	57.05	51.89	46.66	75- 80	30.68	882.3
85.0	19.77	33.62	44.94	24.75	12.10	39.68	36.53	32.90	80- 85	21.04	903.4
90.0	6.166	20.24	31.21	12.39	2.957	25.40	24.07	19.98	85- 90	13.23	916.6
95.0	3.754	11.53	21.75	2.978	2.181	14.95	15.29	7.529	90- 95	7.575	924.2
100.0	3.586	6.187	14.85	5.516	2.349	8.788	8.725	5.306	95-100	4.634	928.8
105.0	3.481	3.293	9.711	3.272	2.475	4.971	4.257	4.174	100-105	2.973	931.8
110.0	3.481	2.621	6.166	2.516	2.558	3.670	2.642	3.523	105-110	1.993	933.8
115.0	3.460	2.663	4.425	2.768	2.663	3.649	2.663	3.523	110-115	1.656	935.4
120.0	3.481	2.747	3.880	2.957	2.831	3.607	2.768	3.460	115-120	1.545	937.0
125.0	3.523	2.852	3.838	2.957	2.894	3.628	2.915	3.460	120-125	1.489	938.5
130.0	3.523	2.852	3.817	3.041	2.999	3.586	3.083	3.523	125-130	1.423	939.9
135.0	3.586	2.894	3.775	3.020	3.083	3.628	3.104	3.565	130-135	1.338	941.2
140.0	3.544	3.020	3.775	2.894	3.167	3.628	3.251	3.649	135-140	1.236	942.5
145.0	3.607	3.083	3.691	3.062	3.230	3.670	3.230	3.586	140-145	1.127	943.6
150.0	3.670	3.125	3.670	3.146	3.314	3.649	3.230	3.649	145-150	1.001	944.6
155.0	3.649	3.188	3.670	3.230	3.376	3.733	3.335	3.670	150-155	0.869	945.5
160.0	3.712	3.272	3.691	3.293	3.418	3.712	3.293	3.670	155-160	0.728	946.2
165.0	3.712	3.355	3.754	3.376	3.544	3.691	3.355	3.670	160-165	0.580	946.8
170.0	3.754	3.439	3.775	3.335	3.628	3.712	3.439	3.712	165-170	0.421	947.2
175.0	3.754	3.376	3.796	3.397	3.649	3.712	3.418	3.649	170-175	0.255	947.5
180.0	3.691	3.376	3.712	3.439	3.796	3.670	3.544	3.649	175-180	0.085	947.6
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%  
 Test Distance:6.000 m  
 Remarks:

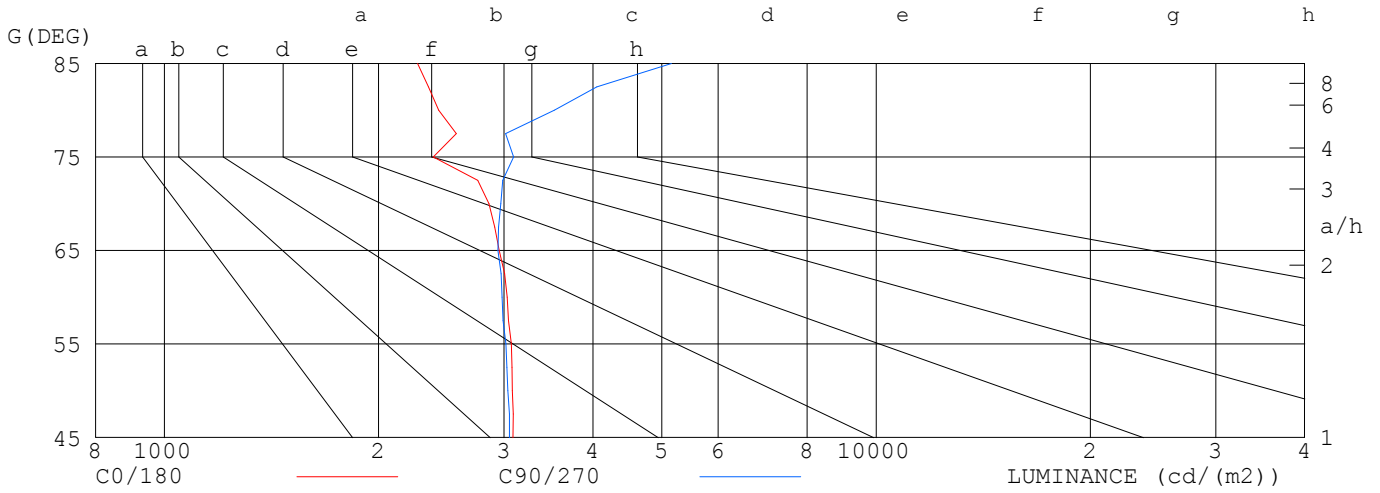
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>		
<b>Address:</b>		
<b>NAME: 2835 60LED/M</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 6000K</b>	<b>DIMENSION:</b>	<b>SERIAL No. :</b>

### 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



G (DEG)	LUMINANCE cd/ (m2)	
	C0/180	C90/270
85	2269	5157
80	2428	3531
75	2387	3094
70	2857	2969
65	2954	2940
60	3030	2980
55	3073	3020
50	3081	3036
45	3087	3054

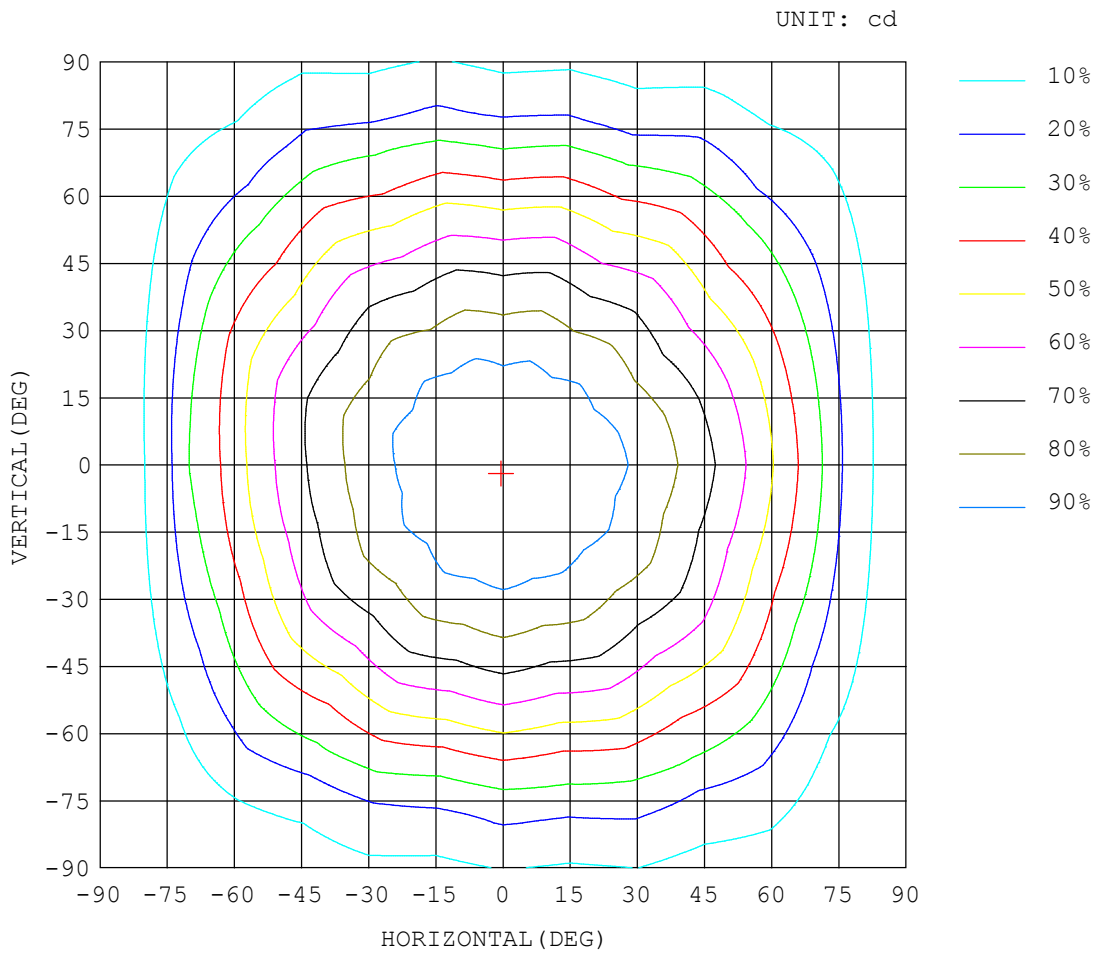
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# ISOCANDELA DIAGRAM

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NAME: 2835 60LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
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