

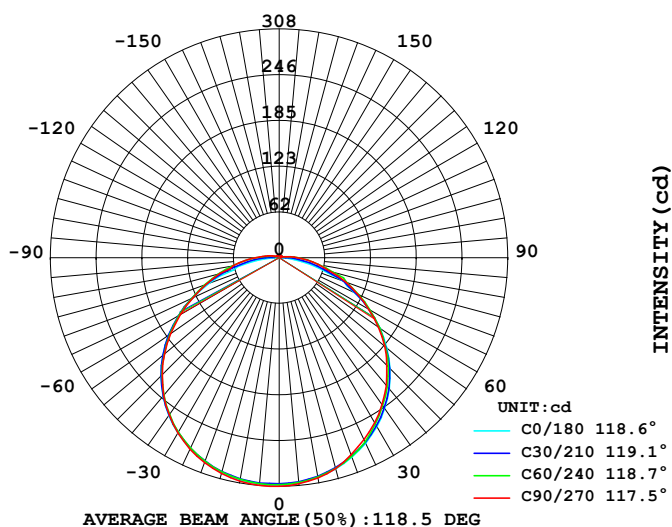
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

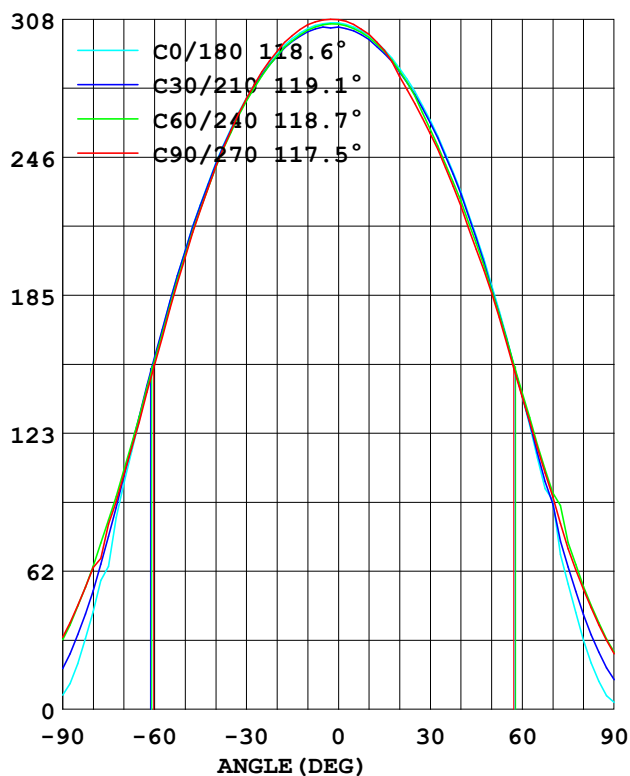
MANUFACTURER:		
Address:		
NAME: 2835 60LED/M	TYPE:	WEIGHT:
SPECIFICATION: 4000K	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	308.2	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)	976.50	Voltage (V)	12.00
RATED VOLTAGE (V)	12	EFFICIENCY (lm/W)	105.0	Current (A)	0.770
NOMINAL FLUX (lm)	976.5	$\eta$ up (%)	3.3	Power (W)	9.300
LAMPS QUANTITY	1	$\eta$ down (%)	96.7	Power Factor (PF)	1.000
TEST VOLTAGE (V)	12.0	Effective Flux (lm)	933.7	EET	0.128

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:		
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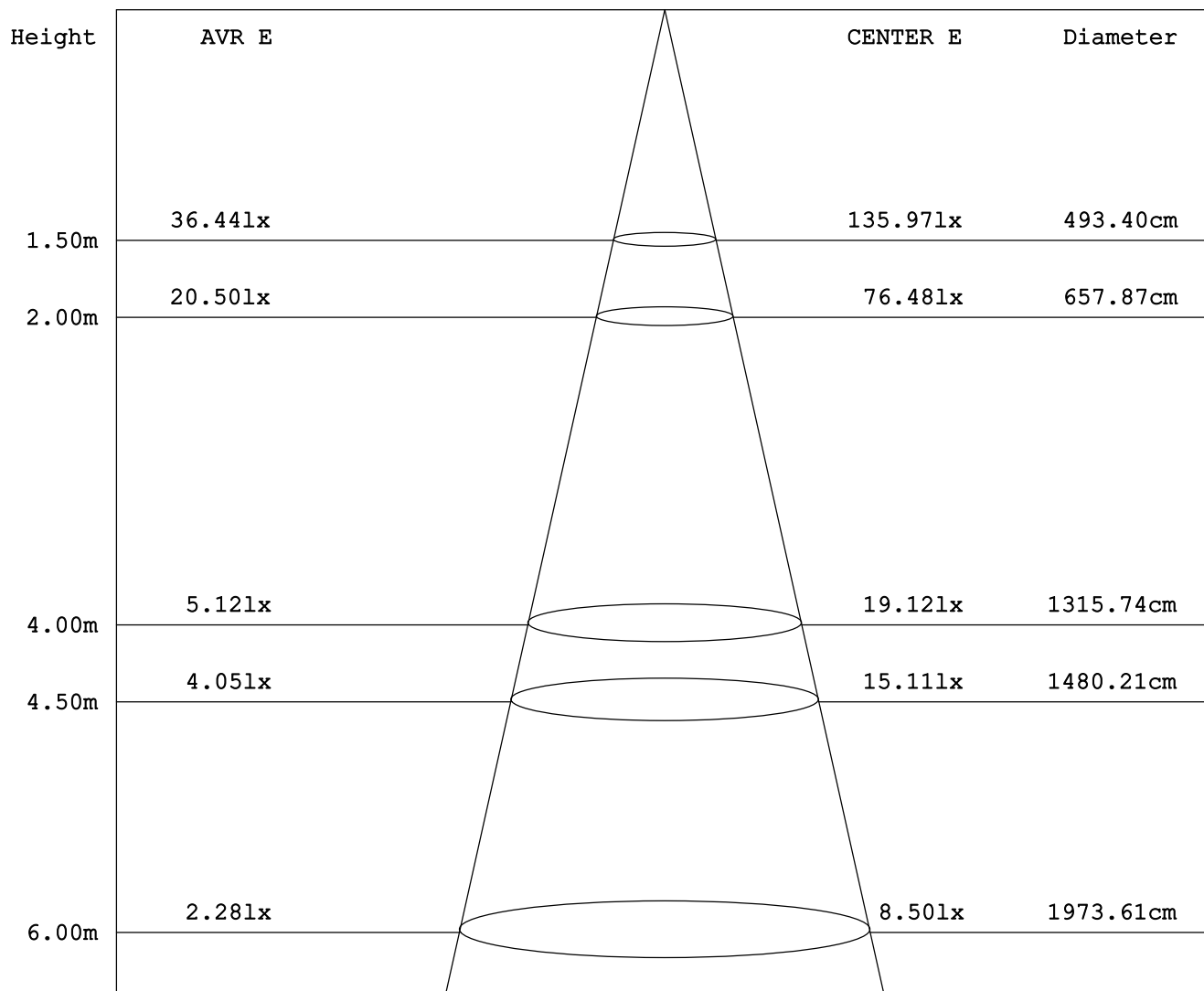
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
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## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: 2835 60LED/M	TYPE:	WEIGHT:
SPECIFICATION: 4000K	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 60LED/M	TYPE:	WEIGHT:
SPECIFICATION: 4000K	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	305.6	304.4	307.3	305.1	304.1	304.0	305.2	305.8	0- 5	7.307	7.307
10.0	303.4	301.5	305.1	301.2	300.1	300.5	300.8	302.8	5- 10	21.71	29.01
15.0	299.0	296.3	300.3	294.9	294.0	295.3	293.6	297.2	10- 15	35.47	64.49
20.0	292.2	289.1	293.3	286.2	285.7	287.7	282.2	287.6	15- 20	48.14	112.6
25.0	283.6	279.4	284.1	275.5	275.4	278.3	269.9	276.5	20- 25	59.32	171.9
30.0	272.4	267.3	272.3	262.3	262.5	266.5	256.6	263.9	25- 30	68.69	240.6
35.0	258.8	253.4	258.0	247.0	247.4	251.7	241.3	248.2	30- 35	75.97	316.6
40.0	243.4	236.6	241.7	228.9	230.6	234.8	224.3	230.2	35- 40	80.75	397.3
45.0	224.9	217.3	222.5	208.3	211.0	215.4	204.9	211.6	40- 45	82.89	480.2
50.0	204.0	196.7	201.1	186.4	188.9	194.6	185.5	190.7	45- 50	82.35	562.6
55.0	181.6	173.1	178.5	161.7	165.7	173.1	163.2	169.0	50- 55	79.00	641.6
60.0	156.1	147.7	153.5	135.5	139.7	149.2	139.5	146.6	55- 60	73.02	714.6
65.0	128.6	122.5	128.0	110.2	112.0	126.0	116.4	121.8	60- 65	64.72	779.4
70.0	100.6	96.76	104.6	91.17	93.20	103.0	94.86	98.36	65- 70	54.72	834.1
75.0	63.65	72.47	82.52	62.22	55.87	80.29	71.50	74.87	70- 75	43.54	877.6
80.0	43.44	52.28	63.17	38.99	30.80	58.79	53.47	48.09	75- 80	31.62	909.2
85.0	20.38	34.64	46.32	25.50	12.47	40.89	37.65	33.91	80- 85	21.68	930.9
90.0	6.354	20.85	32.16	12.77	3.047	26.17	24.81	20.59	85- 90	13.63	944.6
95.0	3.869	11.88	22.41	3.069	2.247	15.41	15.75	7.759	90- 95	7.806	952.4
100.0	3.696	6.376	15.30	5.684	2.420	9.056	8.991	5.468	95-100	4.775	957.2
105.0	3.588	3.393	10.00	3.371	2.550	5.122	4.387	4.301	100-105	3.064	960.2
110.0	3.588	2.701	6.354	2.593	2.636	3.782	2.723	3.631	105-110	2.053	962.3
115.0	3.566	2.745	4.560	2.853	2.745	3.760	2.745	3.631	110-115	1.707	964.0
120.0	3.588	2.831	3.998	3.047	2.917	3.717	2.853	3.566	115-120	1.593	965.6
125.0	3.631	2.939	3.955	3.047	2.982	3.739	3.004	3.566	120-125	1.535	967.1
130.0	3.631	2.939	3.933	3.134	3.090	3.696	3.177	3.631	125-130	1.467	968.6
135.0	3.696	2.982	3.890	3.112	3.177	3.739	3.198	3.674	130-135	1.379	970.0
140.0	3.652	3.112	3.890	2.982	3.263	3.739	3.350	3.760	135-140	1.273	971.2
145.0	3.717	3.177	3.804	3.155	3.328	3.782	3.328	3.696	140-145	1.161	972.4
150.0	3.782	3.220	3.782	3.242	3.415	3.760	3.328	3.760	145-150	1.032	973.4
155.0	3.760	3.285	3.782	3.328	3.479	3.847	3.436	3.782	150-155	0.896	974.3
160.0	3.825	3.371	3.804	3.393	3.523	3.825	3.393	3.782	155-160	0.750	975.1
165.0	3.825	3.458	3.869	3.479	3.652	3.804	3.458	3.782	160-165	0.597	975.7
170.0	3.869	3.544	3.890	3.436	3.739	3.825	3.544	3.825	165-170	0.434	976.1
175.0	3.869	3.479	3.912	3.501	3.760	3.825	3.523	3.760	170-175	0.263	976.4
180.0	3.804	3.479	3.825	3.544	3.912	3.782	3.652	3.760	175-180	0.088	976.5
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:

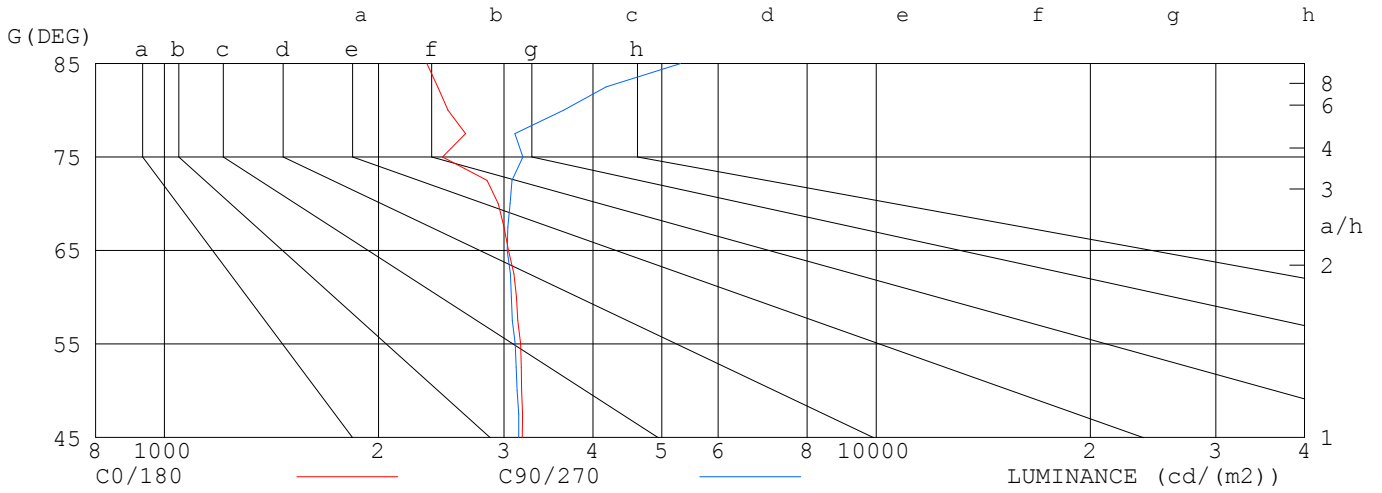
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>		
<b>Address:</b>		
<b>NAME: 2835 60LED/M</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 4000K</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	2339	5315
80	2502	3638
75	2459	3189
70	2944	3060
65	3044	3030
60	3123	3071
55	3167	3112
50	3175	3129
45	3181	3147

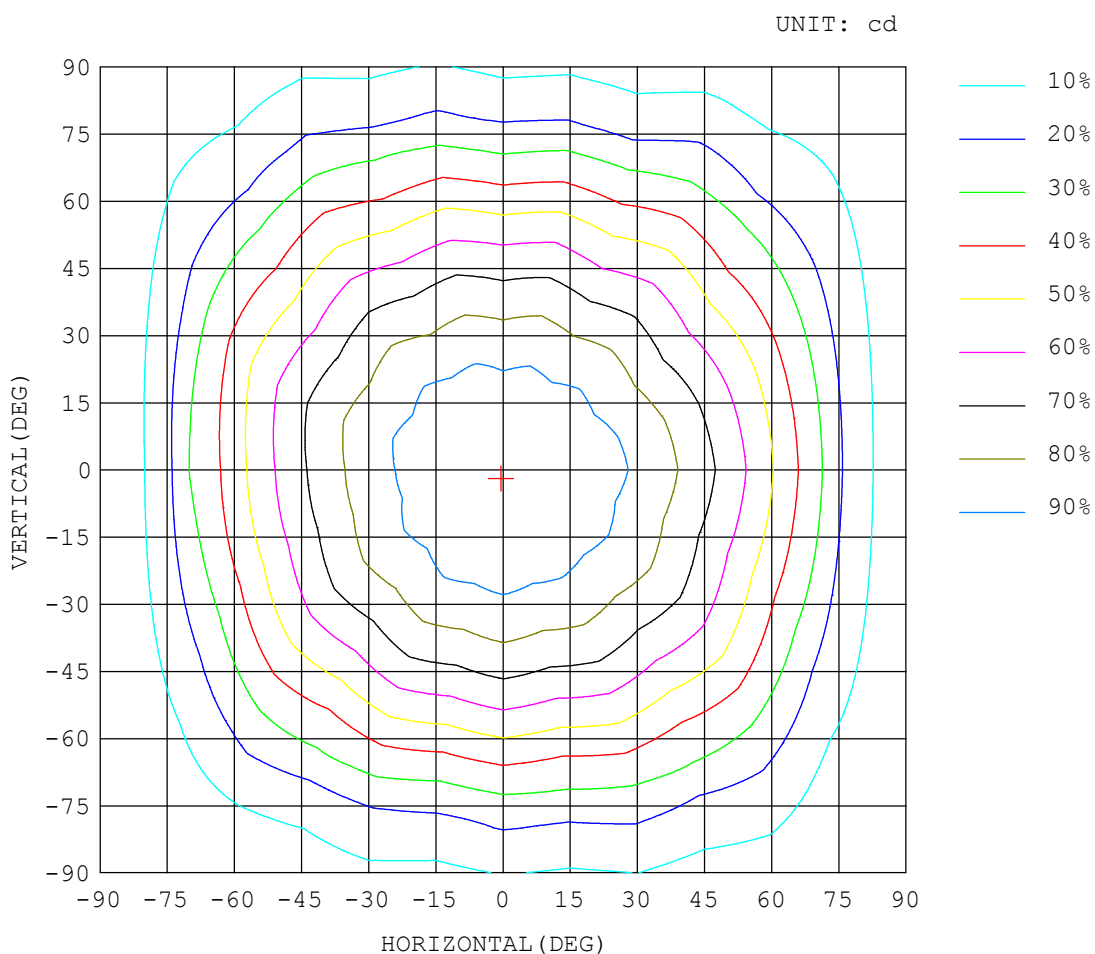
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# ISOCANDELA DIAGRAM

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NAME: 2835 60LED/M	TYPE:	WEIGHT:
SPECIFICATION: 4000K	DIMENSION:	SERIAL No.:



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