

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

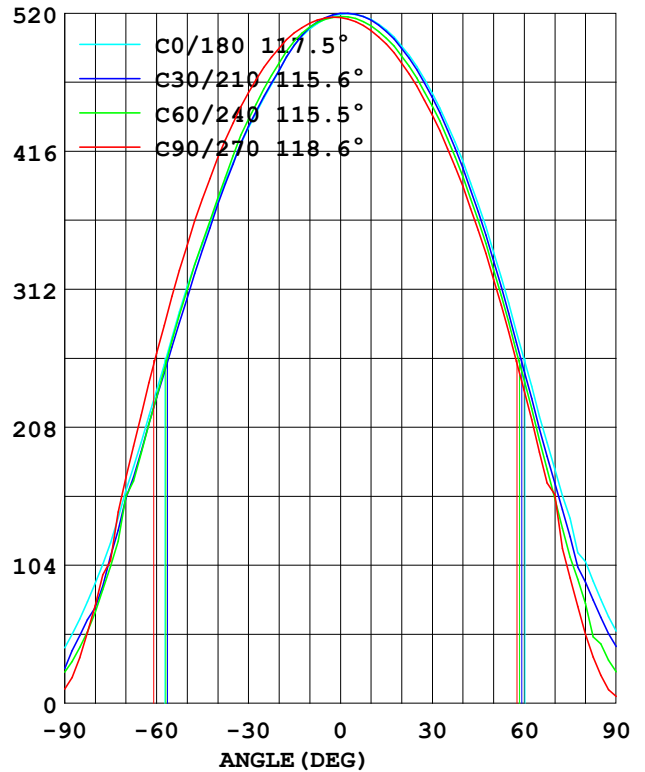
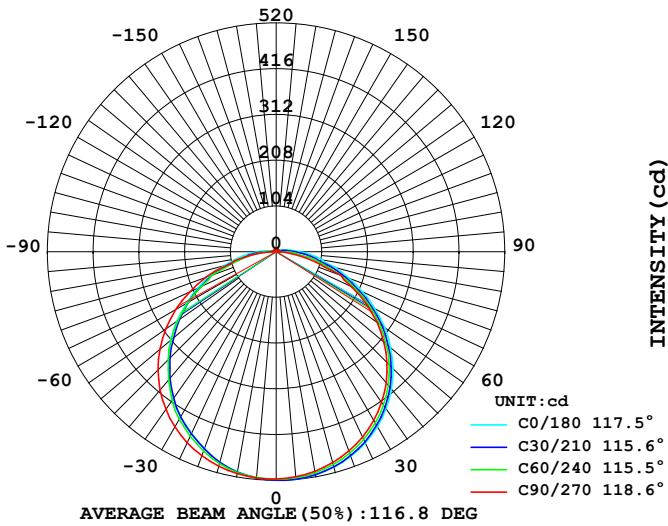
Report number:

MANUFACTURER:		
Address:		
NAME: 2835 240LED/M	TYPE:	WEIGHT:
SPECIFICATION: 3000K	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	520.2	S/MH (C0/180)	1.25
MODEL	2835	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.32
NOMINAL POWER (W)	15.7	TOTAL FLUX (lm)	1648.5	Voltage (V)	12.00
RATED VOLTAGE (V)	12	EFFICIENCY (lm/W)	105.0	Current (A)	1.310
NOMINAL FLUX (lm)	1648.5	η up (%)	3.3	Power (W)	15.70
LAMPS QUANTITY	1	η down (%)	96.7	Power Factor (PF)	1.000
TEST VOLTAGE (V)	12.0	Effective Flux (lm)	1576.2	EET	0.136

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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:

Color Temperature Data List

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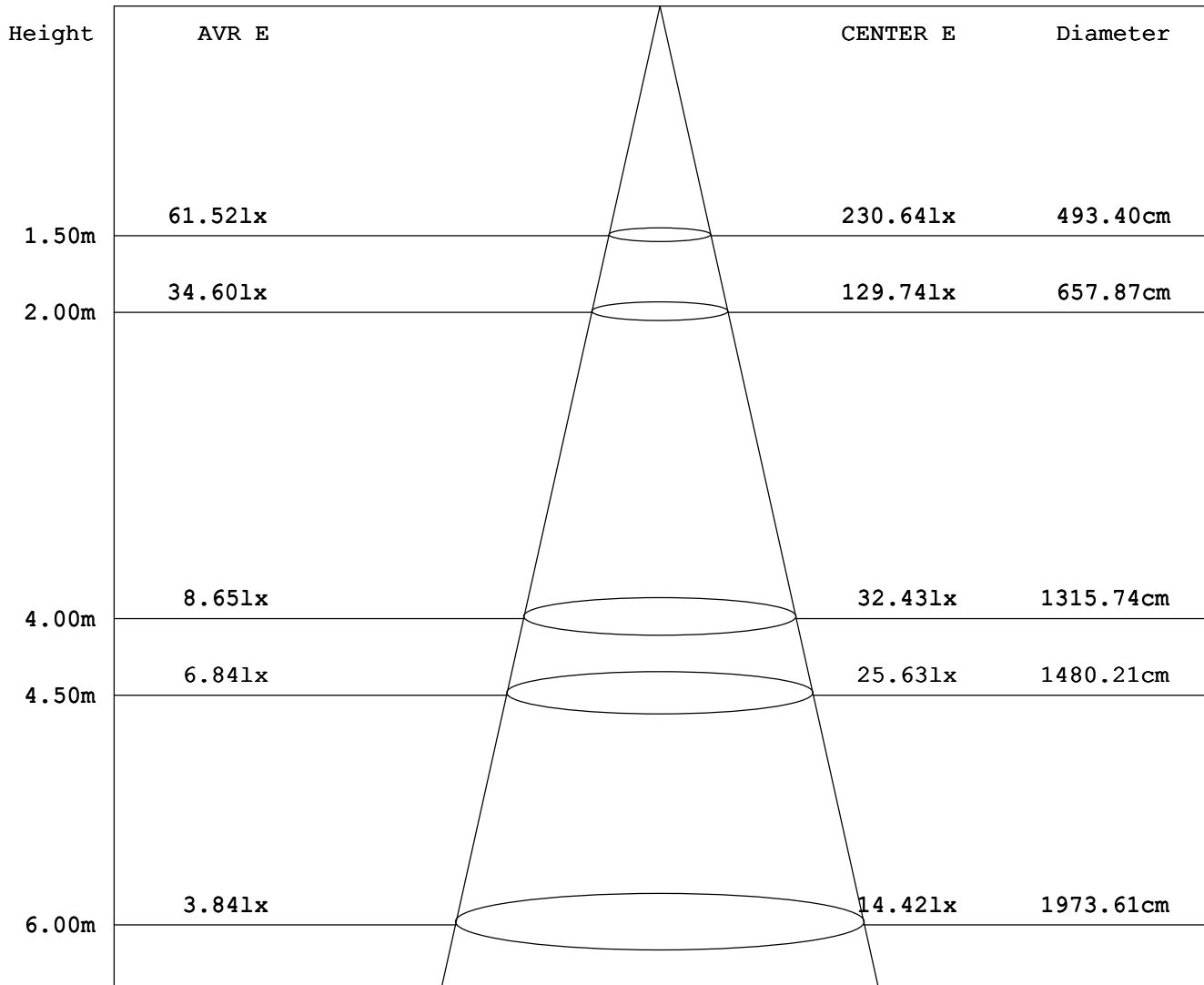
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
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NAME: 2835 240LED/M	TYPE:	WEIGHT:
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Angle:117.4deg

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
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NAME: 2835 240LED/M	TYPE:	WEIGHT:
SPECIFICATION: 3000K	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	515.3	516.3	515.9	513.9	518.8	515.0	513.4	513.2	0- 5	12.33	12.33
10.0	507.8	511.3	512.2	509.0	515.1	508.5	506.6	507.4	5- 10	36.65	48.98
15.0	495.7	501.8	504.8	500.2	507.0	497.8	496.4	498.6	10- 15	59.89	108.8
20.0	476.4	485.6	493.4	488.1	495.1	483.2	482.3	485.7	15- 20	81.27	190.1
25.0	455.7	466.9	478.9	471.7	479.7	465.2	464.9	469.8	20- 25	100.1	290.3
30.0	433.3	445.6	459.9	451.2	459.7	442.8	443.2	449.9	25- 30	115.9	406.2
35.0	407.3	419.0	437.0	427.7	435.6	417.0	417.7	425.0	30- 35	128.2	534.5
40.0	378.7	388.6	410.9	399.5	408.1	386.5	389.3	396.4	35- 40	136.3	670.8
45.0	345.9	357.2	379.7	366.9	375.6	351.7	356.2	363.7	40- 45	139.9	810.8
50.0	313.2	322.0	344.4	332.1	339.5	314.7	319.0	328.6	45- 50	139.0	949.8
55.0	275.5	285.4	306.6	292.2	301.3	273.0	279.7	292.3	50- 55	133.3	1083
60.0	235.5	247.6	263.5	249.4	259.2	228.8	235.9	251.9	55- 60	123.2	1207
65.0	196.5	205.7	217.1	206.8	216.1	186.0	189.1	212.8	60- 65	109.2	1316
70.0	160.1	166.0	169.9	163.3	176.6	153.9	157.3	173.9	65- 70	92.37	1408
75.0	120.7	126.3	107.4	122.3	139.3	105.0	94.32	135.5	70- 75	73.51	1482
80.0	90.27	81.18	73.34	88.26	106.6	65.82	51.99	99.25	75- 80	53.38	1535
85.0	63.56	57.25	34.40	58.49	78.19	43.05	21.05	69.03	80- 85	36.61	1572
90.0	41.88	34.77	10.72	35.21	54.29	21.56	5.144	44.18	85- 90	23.02	1595
95.0	26.60	13.09	6.531	20.06	37.83	5.181	3.794	26.01	90- 95	13.17	1608
100.0	15.17	9.231	6.239	10.76	25.83	9.596	4.086	15.28	95-100	8.062	1616
105.0	7.407	7.261	6.057	5.728	16.89	5.692	4.305	8.647	100-105	5.173	1621
110.0	4.597	6.130	6.057	4.561	10.72	4.378	4.451	6.385	105-110	3.467	1625
115.0	4.634	6.130	6.020	4.634	7.699	4.816	4.634	6.349	110-115	2.882	1627
120.0	4.816	6.020	6.057	4.780	6.750	5.144	4.926	6.276	115-120	2.689	1630
125.0	5.071	6.020	6.130	4.962	6.677	5.144	5.035	6.312	120-125	2.591	1633
130.0	5.363	6.130	6.130	4.962	6.641	5.290	5.217	6.239	125-130	2.477	1635
135.0	5.400	6.203	6.239	5.035	6.568	5.254	5.363	6.312	130-135	2.329	1638
140.0	5.655	6.349	6.166	5.254	6.568	5.035	5.509	6.312	135-140	2.150	1640
145.0	5.619	6.239	6.276	5.363	6.422	5.327	5.619	6.385	140-145	1.961	1642
150.0	5.619	6.349	6.385	5.436	6.385	5.473	5.765	6.349	145-150	1.742	1643
155.0	5.801	6.385	6.349	5.546	6.385	5.619	5.874	6.495	150-155	1.512	1645
160.0	5.728	6.385	6.458	5.692	6.422	5.728	5.947	6.458	155-160	1.266	1646
165.0	5.838	6.385	6.458	5.838	6.531	5.874	6.166	6.422	160-165	1.008	1647
170.0	5.984	6.458	6.531	5.984	6.568	5.801	6.312	6.458	165-170	0.733	1648
175.0	5.947	6.349	6.531	5.874	6.604	5.911	6.349	6.458	170-175	0.444	1648
180.0	6.166	6.349	6.422	5.874	6.458	5.984	6.604	6.385	175-180	0.149	1649
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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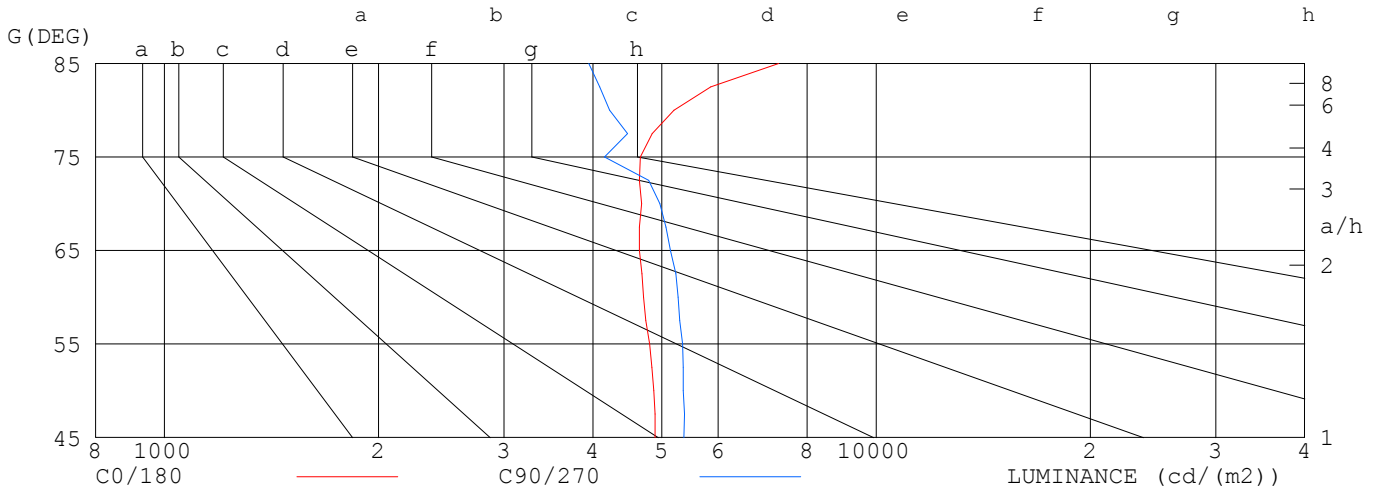
LUMINANCE LIMITATION CURVES

Report number:

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		a	b	c	d	e	f	g	h
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	7293	3948
80	5199	4224
75	4664	4152
70	4683	4969
65	4651	5138
60	4711	5272
55	4804	5346
50	4873	5359
45	4892	5371

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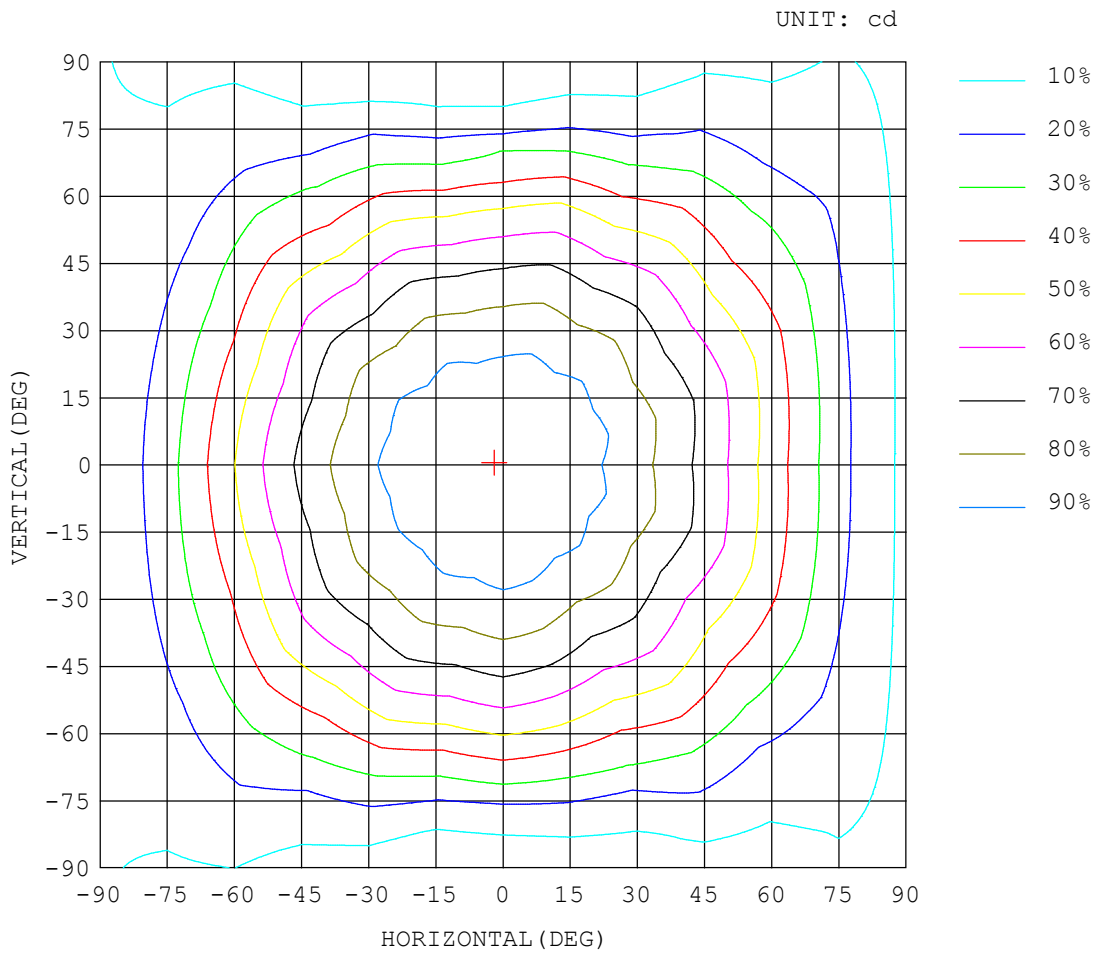
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ISOCANDELA DIAGRAM

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