

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

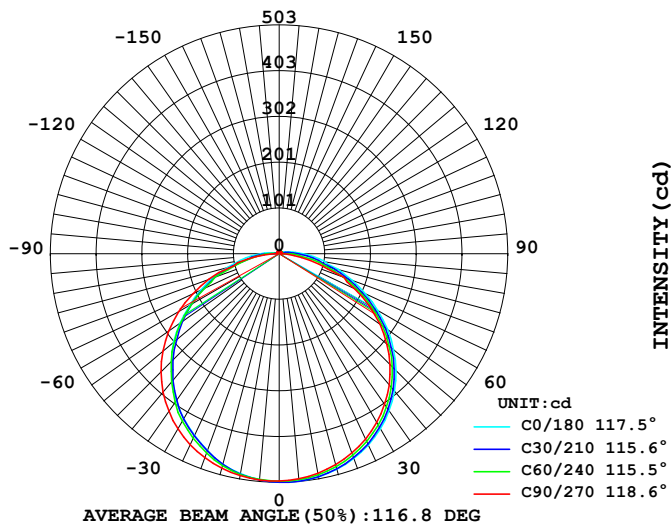
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

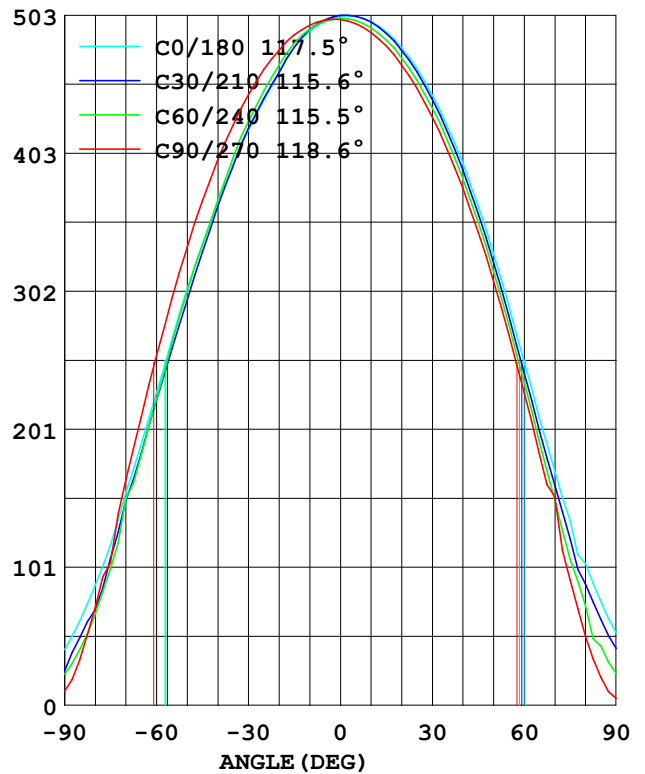
MANUFACTURER:		
Address:		
NAME: 2835 240LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	503.8	S/MH (C0/180)	1.25
MODEL	2835	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.32
NOMINAL POWER (W)	15.5	TOTAL FLUX (lm)	1596.5	Voltage (V)	12.00
RATED VOLTAGE (V)	12	EFFICIENCY (lm/W)	103.0	Current (A)	1.310
NOMINAL FLUX (lm)	1596.5	η up (%)	3.3	Power (W)	15.50
LAMPS QUANTITY	1	η down (%)	96.7	Power Factor (PF)	1.000
TEST VOLTAGE (V)	12.0	Effective Flux (lm)	1526.5	EET	0.138

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-18-2020

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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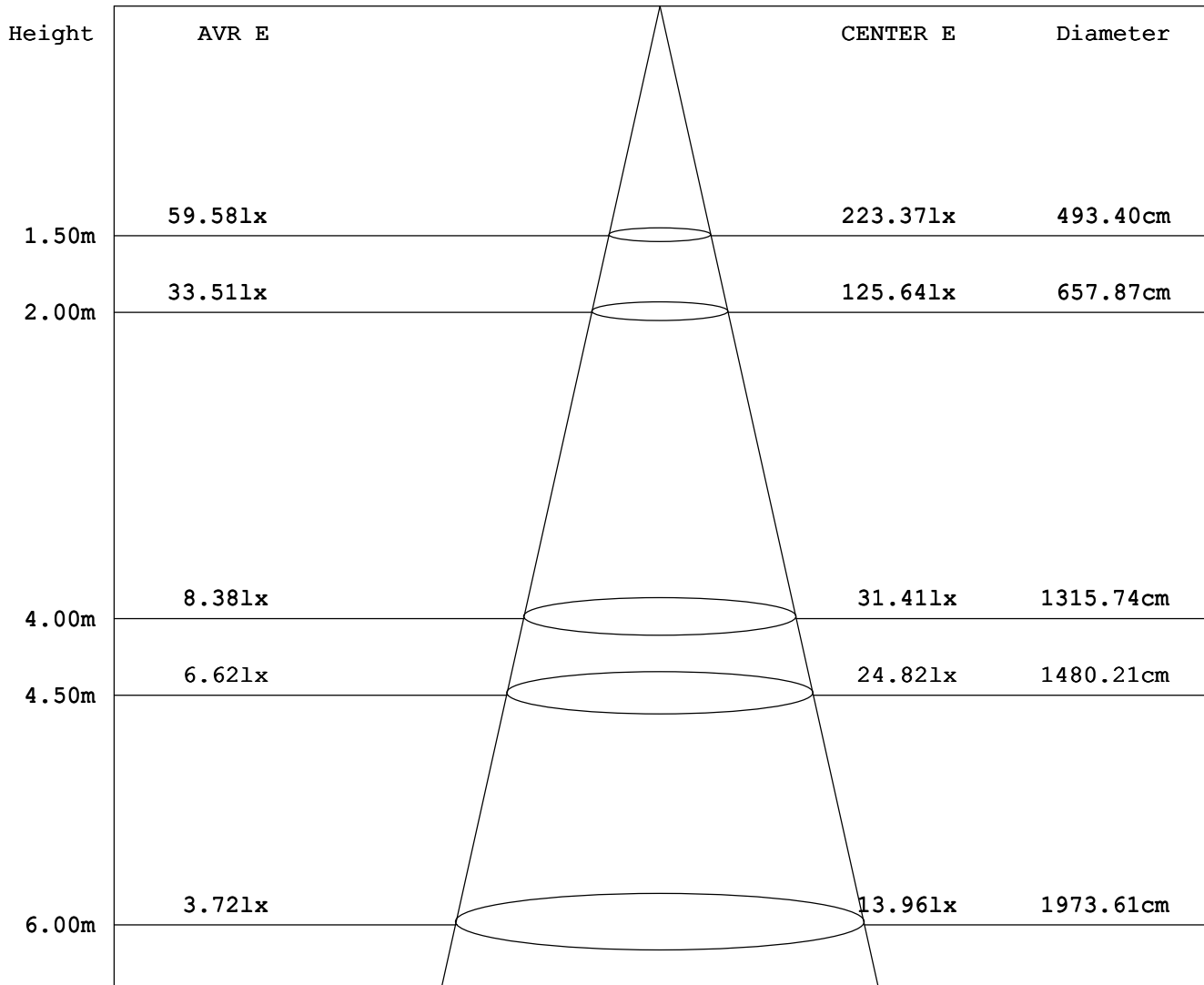
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Report number:

MANUFACTURER:		
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NAME: 2835 240LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:



Angle:117.4deg

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 2835 240LED/M	TYPE:	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	499.0	500.1	499.6	497.7	502.4	498.8	497.2	497.0	0- 5	11.94	11.94
10.0	491.8	495.1	496.0	493.0	498.8	492.5	490.6	491.4	5- 10	35.49	47.44
15.0	480.1	486.0	488.9	484.4	491.0	482.1	480.7	482.9	10- 15	58.00	105.4
20.0	461.4	470.3	477.8	472.7	479.5	467.9	467.1	470.4	15- 20	78.71	184.1
25.0	441.4	452.1	463.8	456.8	464.6	450.5	450.3	455.0	20- 25	96.99	281.1
30.0	419.6	431.5	445.4	437.0	445.2	428.8	429.2	435.7	25- 30	112.3	393.4
35.0	394.5	405.8	423.2	414.3	421.8	403.9	404.5	411.6	30- 35	124.2	517.6
40.0	366.8	376.3	397.9	386.9	395.2	374.3	377.0	383.9	35- 40	132.0	649.7
45.0	335.0	345.9	367.7	355.3	363.8	340.6	344.9	352.3	40- 45	135.5	785.2
50.0	303.3	311.8	333.6	321.6	328.8	304.8	308.9	318.2	45- 50	134.6	919.8
55.0	266.8	276.4	296.9	283.0	291.8	264.4	270.9	283.1	50- 55	129.1	1049
60.0	228.1	239.8	255.2	241.5	251.0	221.6	228.5	244.0	55- 60	119.3	1168
65.0	190.3	199.2	210.2	200.3	209.3	180.1	183.2	206.1	60- 65	105.8	1274
70.0	155.0	160.8	164.6	158.2	171.1	149.0	152.3	168.4	65- 70	89.46	1364
75.0	116.8	122.4	104.0	118.4	134.9	101.7	91.34	131.2	70- 75	71.19	1435
80.0	87.42	78.62	71.02	85.48	103.2	63.75	50.35	96.11	75- 80	51.69	1487
85.0	61.55	55.44	33.32	56.64	75.72	41.69	20.39	66.85	80- 85	35.45	1522
90.0	40.56	33.67	10.38	34.10	52.58	20.88	4.982	42.79	85- 90	22.29	1544
95.0	25.76	12.68	6.325	19.43	36.64	5.018	3.675	25.19	90- 95	12.76	1557
100.0	14.70	8.940	6.042	10.42	25.01	9.293	3.957	14.80	95-100	7.808	1565
105.0	7.173	7.032	5.866	5.548	16.36	5.512	4.169	8.375	100-105	5.009	1570
110.0	4.452	5.936	5.866	4.417	10.38	4.240	4.311	6.184	105-110	3.358	1573
115.0	4.487	5.936	5.830	4.487	7.456	4.664	4.487	6.148	110-115	2.791	1576
120.0	4.664	5.830	5.866	4.629	6.537	4.982	4.770	6.078	115-120	2.604	1579
125.0	4.912	5.830	5.936	4.805	6.466	4.982	4.876	6.113	120-125	2.509	1581
130.0	5.194	5.936	5.936	4.805	6.431	5.124	5.053	6.042	125-130	2.399	1584
135.0	5.230	6.007	6.042	4.876	6.360	5.088	5.194	6.113	130-135	2.255	1586
140.0	5.477	6.148	5.972	5.088	6.360	4.876	5.336	6.113	135-140	2.082	1588
145.0	5.442	6.042	6.078	5.194	6.219	5.159	5.442	6.184	140-145	1.899	1590
150.0	5.442	6.148	6.184	5.265	6.184	5.300	5.583	6.148	145-150	1.687	1592
155.0	5.618	6.184	6.148	5.371	6.184	5.442	5.689	6.290	150-155	1.464	1593
160.0	5.548	6.184	6.254	5.512	6.219	5.548	5.760	6.254	155-160	1.226	1594
165.0	5.654	6.184	6.254	5.654	6.325	5.689	5.972	6.219	160-165	0.977	1595
170.0	5.795	6.254	6.325	5.795	6.360	5.618	6.113	6.254	165-170	0.710	1596
175.0	5.760	6.148	6.325	5.689	6.396	5.724	6.148	6.254	170-175	0.430	1596
180.0	5.972	6.148	6.219	5.689	6.254	5.795	6.396	6.184	175-180	0.144	1597
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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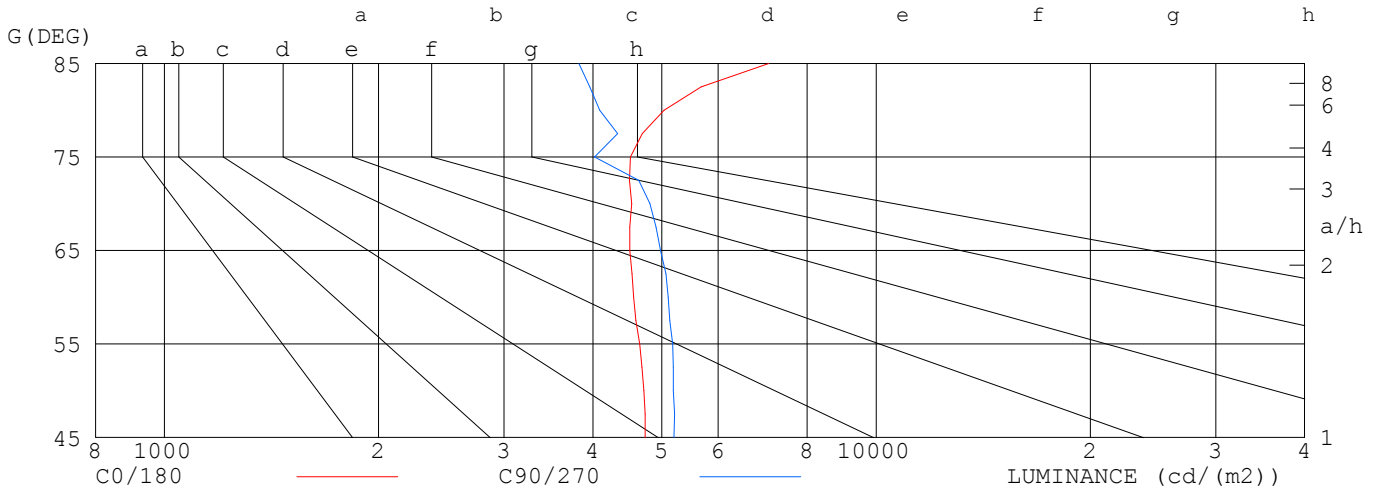
LUMINANCE LIMITATION CURVES

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	7063	3823
80	5035	4090
75	4517	4021
70	4535	4813
65	4504	4976
60	4563	5106
55	4652	5178
50	4719	5190
45	4738	5201

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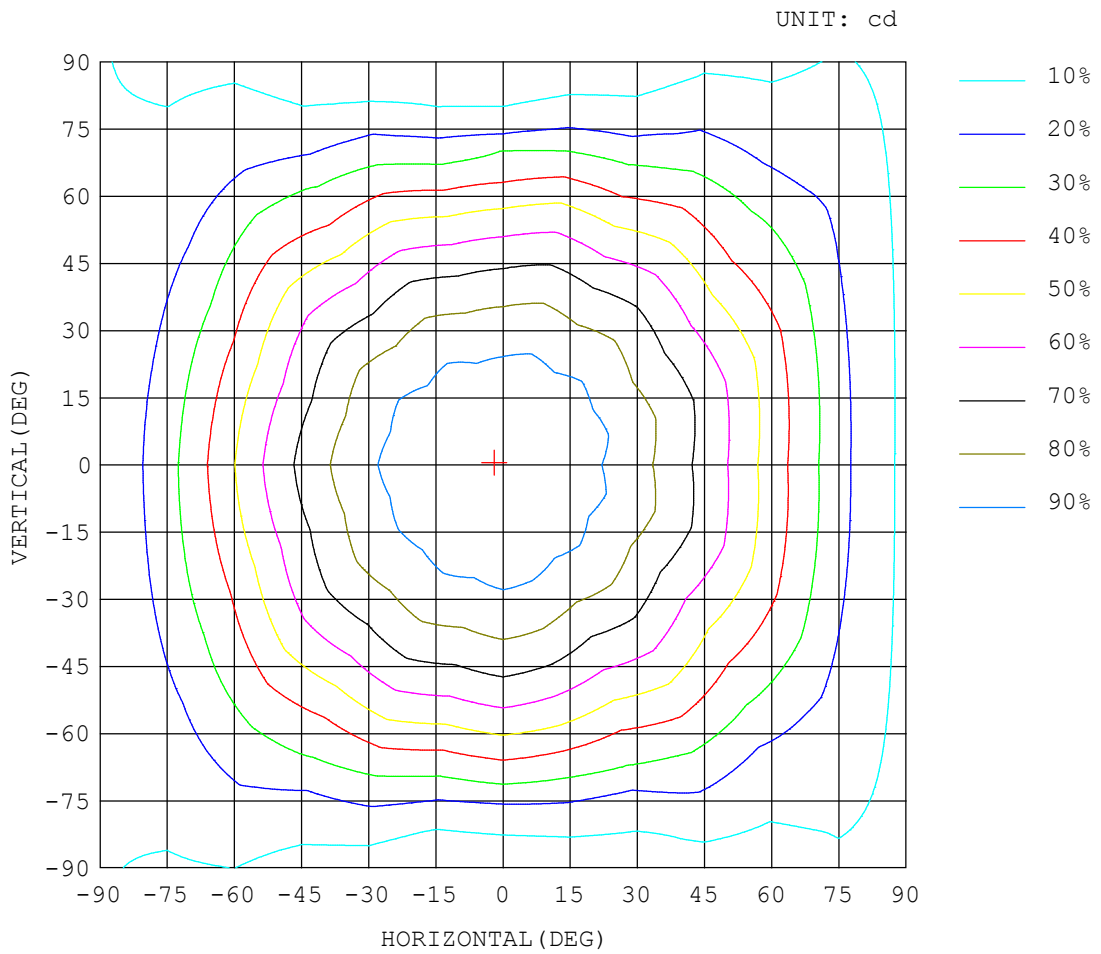
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