

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

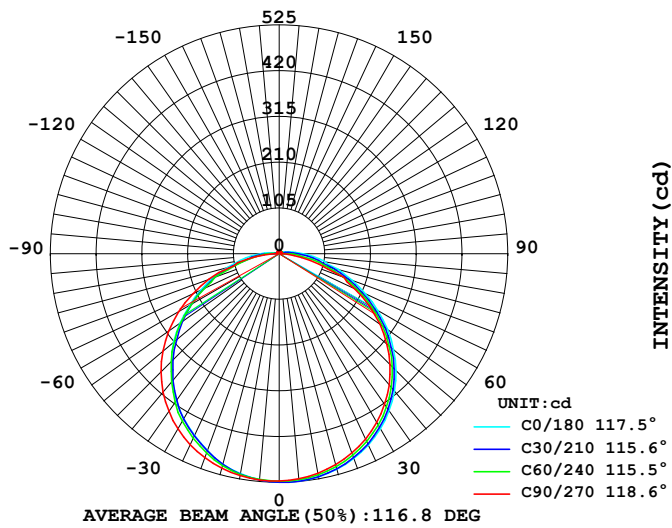
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

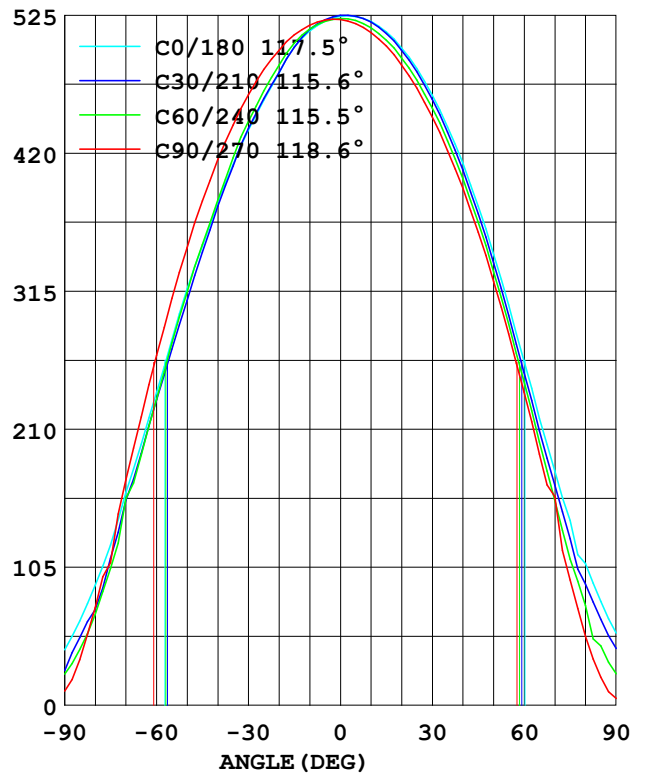
MANUFACTURER:		
Address:		
NAME: 2835 240LED/M	TYPE:	WEIGHT:
SPECIFICATION: 4000K	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	525.2	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)	1664.2	Voltage (V)	12.00
RATED VOLTAGE (V)	12	EFFICIENCY (lm/W)	106.0	Current (A)	1.310
NOMINAL FLUX (lm)	1664.2	$\eta$ up (%)	3.3	Power (W)	15.70
LAMPS QUANTITY	1	$\eta$ down (%)	96.7	Power Factor (PF)	1.000
TEST VOLTAGE (V)	12.0	Effective Flux (lm)	1591.2	EET	0.134

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

Report number:

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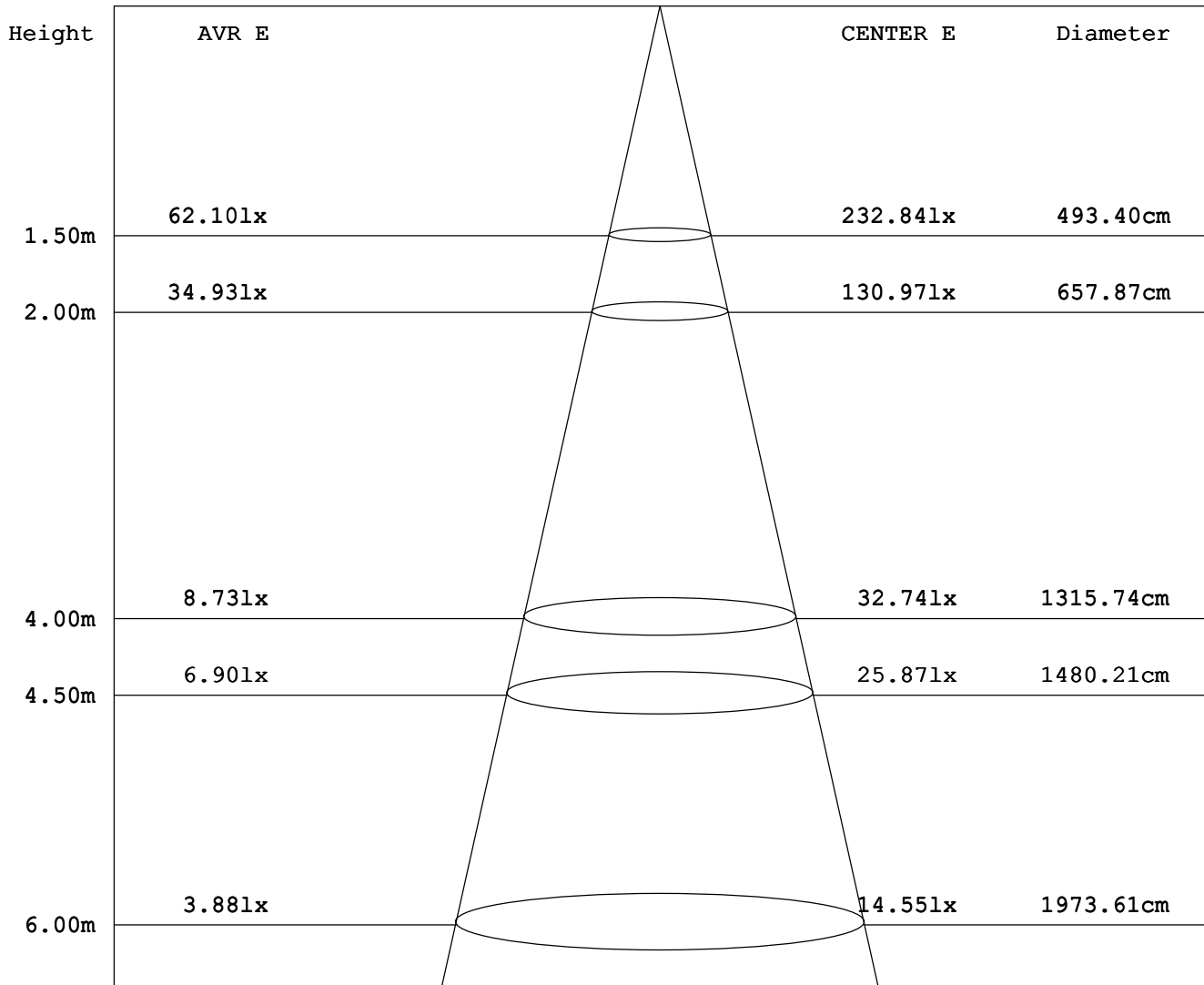
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Report number:

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: 4000K	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	520.2	521.3	520.8	518.8	523.7	519.9	518.3	518.1	0- 5	12.45	12.45
10.0	512.6	516.1	517.1	513.9	520.0	513.3	511.4	512.2	5- 10	37.00	49.45
15.0	500.5	506.6	509.6	504.9	511.8	502.5	501.1	503.4	10- 15	60.46	109.9
20.0	480.9	490.2	498.1	492.8	499.9	487.8	486.9	490.3	15- 20	82.05	191.9
25.0	460.1	471.3	483.4	476.2	484.3	469.6	469.4	474.3	20- 25	101.1	293.0
30.0	437.4	449.8	464.3	455.5	464.1	447.0	447.4	454.1	25- 30	117.0	410.1
35.0	411.2	423.0	441.2	431.8	439.7	421.0	421.7	429.0	30- 35	129.4	539.6
40.0	382.3	392.3	414.8	403.3	412.0	390.2	393.0	400.1	35- 40	137.6	677.2
45.0	349.2	360.6	383.3	370.4	379.2	355.0	359.5	367.2	40- 45	141.2	818.5
50.0	316.2	325.1	347.7	335.3	342.7	317.7	322.1	331.7	45- 50	140.3	958.9
55.0	278.1	288.1	309.5	295.0	304.2	275.6	282.4	295.1	50- 55	134.6	1094
60.0	237.8	249.9	266.1	251.7	261.6	231.0	238.2	254.3	55- 60	124.4	1218
65.0	198.4	207.6	219.2	208.8	218.2	187.8	190.9	214.9	60- 65	110.3	1328
70.0	161.6	167.6	171.5	164.9	178.3	155.3	158.8	175.6	65- 70	93.25	1422
75.0	121.8	127.6	108.4	123.5	140.6	106.0	95.22	136.8	70- 75	74.21	1496
80.0	91.13	81.96	74.04	89.10	107.6	66.45	52.49	100.1	75- 80	53.88	1550
85.0	64.16	57.79	34.73	59.04	78.94	43.46	21.25	69.69	80- 85	36.96	1587
90.0	42.28	35.10	10.82	35.54	54.81	21.77	5.193	44.60	85- 90	23.24	1610
95.0	26.85	13.22	6.593	20.26	38.19	5.230	3.831	26.26	90- 95	13.30	1623
100.0	15.32	9.319	6.299	10.86	26.08	9.688	4.125	15.43	95-100	8.139	1631
105.0	7.477	7.330	6.114	5.783	17.05	5.746	4.346	8.730	100-105	5.222	1637
110.0	4.641	6.188	6.114	4.604	10.82	4.420	4.494	6.446	105-110	3.500	1640
115.0	4.678	6.188	6.078	4.678	7.772	4.862	4.678	6.409	110-115	2.910	1643
120.0	4.862	6.078	6.114	4.825	6.814	5.193	4.972	6.335	115-120	2.714	1646
125.0	5.120	6.078	6.188	5.009	6.741	5.193	5.083	6.372	120-125	2.616	1648
130.0	5.414	6.188	6.188	5.009	6.704	5.341	5.267	6.299	125-130	2.500	1651
135.0	5.451	6.262	6.299	5.083	6.630	5.304	5.414	6.372	130-135	2.351	1653
140.0	5.709	6.409	6.225	5.304	6.630	5.083	5.562	6.372	135-140	2.171	1655
145.0	5.672	6.299	6.335	5.414	6.483	5.378	5.672	6.446	140-145	1.980	1657
150.0	5.672	6.409	6.446	5.488	6.446	5.525	5.820	6.409	145-150	1.759	1659
155.0	5.857	6.446	6.409	5.599	6.446	5.672	5.930	6.556	150-155	1.526	1661
160.0	5.783	6.446	6.520	5.746	6.483	5.783	6.004	6.520	155-160	1.278	1662
165.0	5.893	6.446	6.520	5.893	6.593	5.930	6.225	6.483	160-165	1.017	1663
170.0	6.041	6.520	6.593	6.041	6.630	5.857	6.372	6.520	165-170	0.740	1664
175.0	6.004	6.409	6.593	5.930	6.667	5.967	6.409	6.520	170-175	0.449	1664
180.0	6.225	6.409	6.483	5.930	6.520	6.041	6.667	6.446	175-180	0.150	1664
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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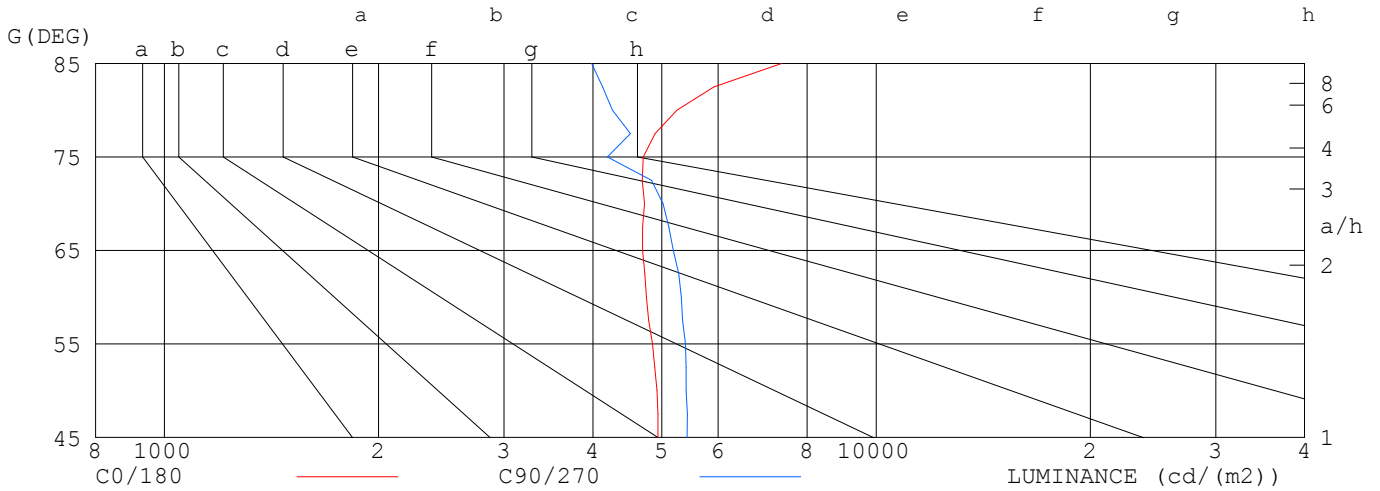
LUMINANCE LIMITATION CURVES

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	7363	3986
80	5248	4264
75	4708	4192
70	4727	5017
65	4695	5187
60	4756	5322
55	4849	5397
50	4919	5410
45	4939	5422

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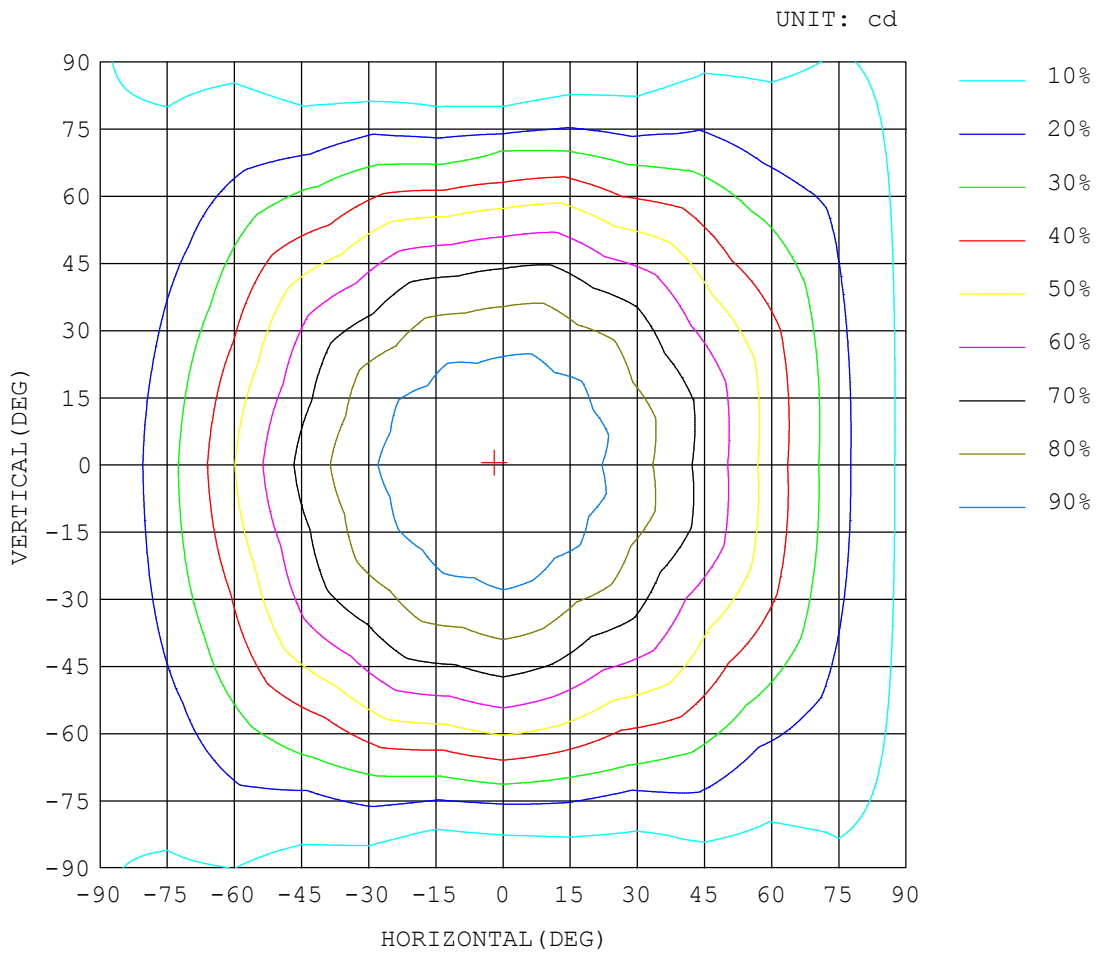
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ISOCANDELA DIAGRAM

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