

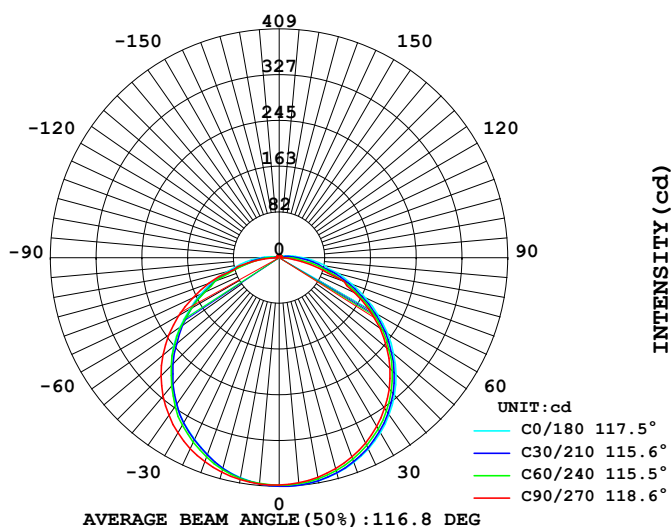
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

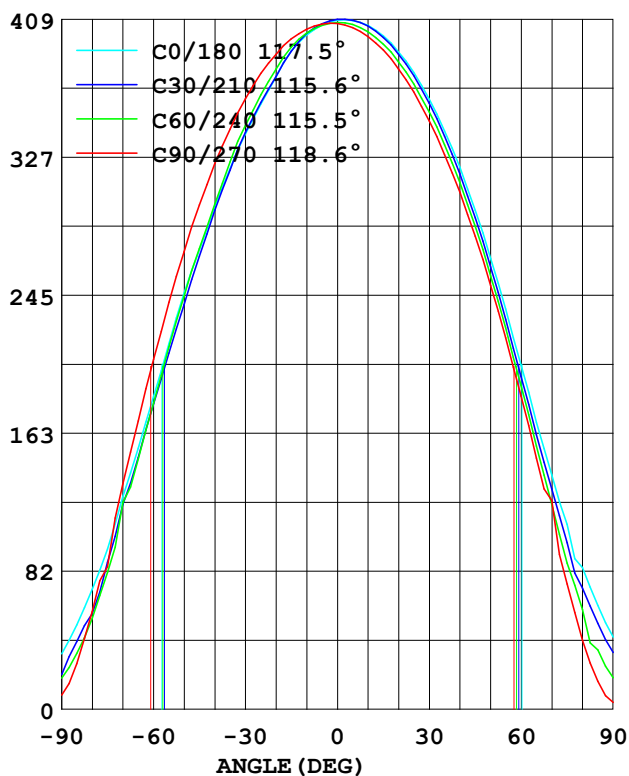
MANUFACTURER:		
Address:		
NAME: 2835 120LED/M	TYPE:	WEIGHT:
SPECIFICATION: 4000K	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	409.0	S/MH (C0/180)	1.25
MODEL	2835	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.32
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1296.0	Voltage (V)	12.00
RATED VOLTAGE (V)	12	EFFICIENCY (lm/W)	108.0	Current (A)	1.000
NOMINAL FLUX (lm)	1296.0	η up (%)	3.3	Power (W)	12.00
LAMPS QUANTITY	1	η down (%)	96.7	Power Factor (PF)	1.000
TEST VOLTAGE (V)	12.0	Effective Flux (lm)	1239.2	EET	0.131

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:

Color Temperature Data List

Report number:

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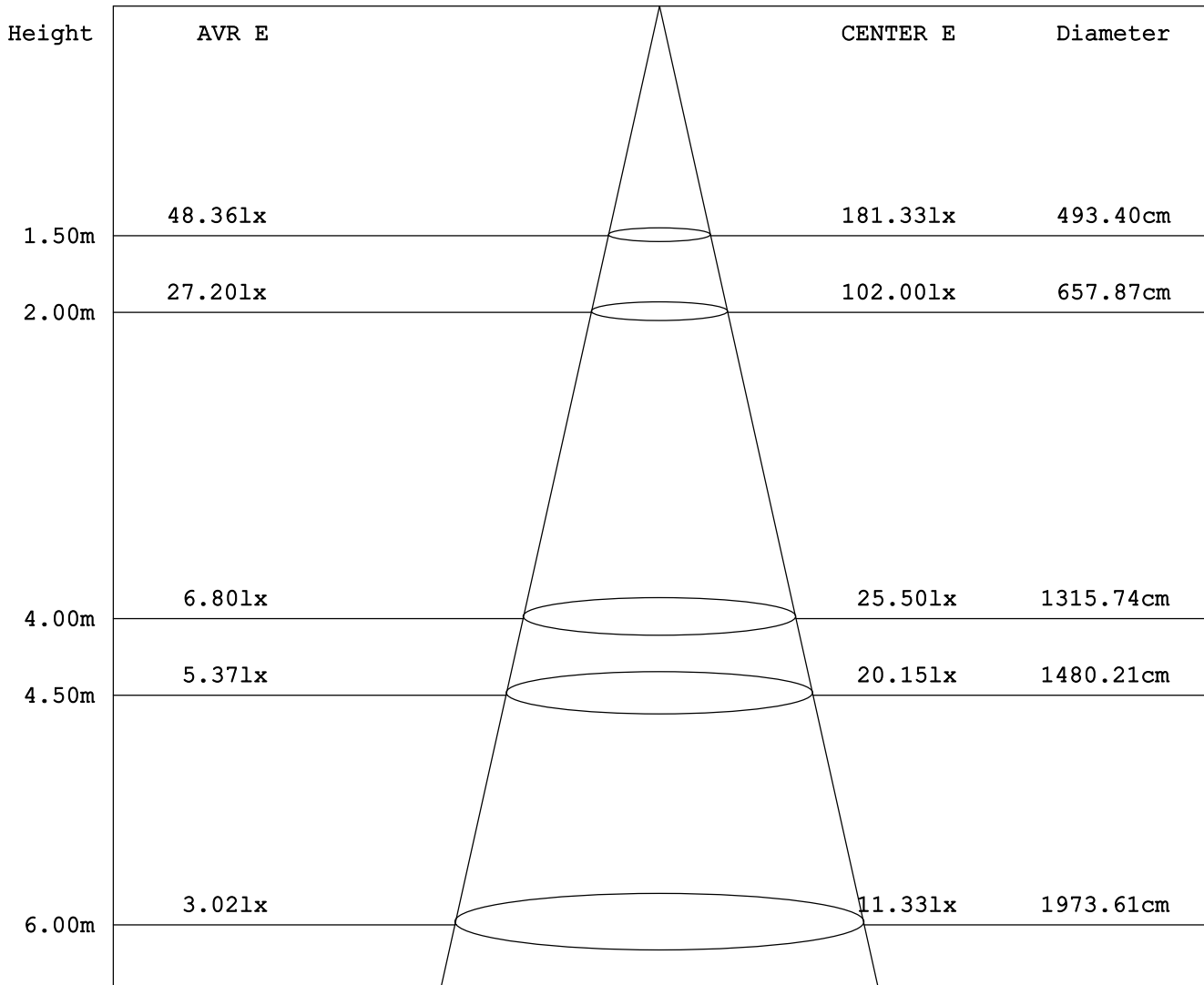
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2020

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 120LED/M	TYPE:	WEIGHT:
SPECIFICATION: 4000K	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 120LED/M	TYPE:	WEIGHT:
SPECIFICATION: 4000K	DIMENSION:	SERIAL No. :

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	405.1	405.9	405.6	404.0	407.8	404.9	403.6	403.5	0- 5	9.698	9.698
10.0	399.2	401.9	402.7	400.2	404.9	399.8	398.3	398.9	5- 10	28.81	38.51
15.0	389.7	394.5	396.9	393.2	398.6	391.4	390.2	392.0	10- 15	47.08	85.60
20.0	374.5	381.7	387.9	383.7	389.3	379.8	379.1	381.8	15- 20	63.89	149.4
25.0	358.3	367.0	376.5	370.8	377.1	365.7	365.5	369.3	20- 25	78.73	228.2
30.0	340.6	350.3	361.6	354.7	361.4	348.1	348.4	353.7	25- 30	91.17	319.4
35.0	320.2	329.4	343.6	336.3	342.4	327.8	328.4	334.1	30- 35	100.8	420.2
40.0	297.7	305.5	323.0	314.1	320.8	303.9	306.1	311.6	35- 40	107.1	527.4
45.0	271.9	280.8	298.5	288.5	295.3	276.5	280.0	286.0	40- 45	110.0	637.4
50.0	246.2	253.1	270.8	261.1	266.9	247.4	250.8	258.3	45- 50	109.3	746.7
55.0	216.6	224.3	241.0	229.7	236.9	214.6	219.9	229.8	50- 55	104.8	851.6
60.0	185.2	194.6	207.2	196.0	203.7	179.9	185.5	198.1	55- 60	96.91	948.5
65.0	154.5	161.7	170.7	162.6	169.9	146.2	148.7	167.3	60- 65	85.89	1034
70.0	125.9	130.5	133.6	128.4	138.9	121.0	123.6	136.7	65- 70	72.62	1107
75.0	94.89	99.37	84.48	96.18	109.5	82.58	74.15	106.5	70- 75	57.79	1165
80.0	70.97	63.82	57.66	69.39	83.85	51.75	40.87	78.02	75- 80	41.96	1207
85.0	49.97	45.00	27.05	45.98	61.47	33.85	16.55	54.27	80- 85	28.78	1236
90.0	32.93	27.33	8.433	27.68	42.68	16.95	4.044	34.73	85- 90	18.09	1254
95.0	20.91	10.29	5.134	15.77	29.74	4.073	2.983	20.45	90- 95	10.36	1264
100.0	11.93	7.257	4.905	8.462	20.31	7.544	3.212	12.01	95-100	6.338	1270
105.0	5.823	5.708	4.761	4.503	13.28	4.475	3.385	6.798	100-105	4.066	1274
110.0	3.614	4.819	4.761	3.585	8.433	3.442	3.499	5.020	105-110	2.725	1277
115.0	3.643	4.819	4.733	3.643	6.052	3.786	3.643	4.991	110-115	2.266	1279
120.0	3.786	4.733	4.761	3.757	5.307	4.044	3.872	4.934	115-120	2.114	1282
125.0	3.987	4.733	4.819	3.901	5.249	4.044	3.958	4.962	120-125	2.037	1284
130.0	4.216	4.819	4.819	3.901	5.220	4.159	4.102	4.905	125-130	1.947	1286
135.0	4.245	4.876	4.905	3.958	5.163	4.130	4.216	4.962	130-135	1.831	1287
140.0	4.446	4.991	4.848	4.130	5.163	3.958	4.331	4.962	135-140	1.690	1289
145.0	4.417	4.905	4.934	4.216	5.048	4.188	4.417	5.020	140-145	1.542	1291
150.0	4.417	4.991	5.020	4.274	5.020	4.303	4.532	4.991	145-150	1.370	1292
155.0	4.561	5.020	4.991	4.360	5.020	4.417	4.618	5.106	150-155	1.189	1293
160.0	4.503	5.020	5.077	4.475	5.048	4.503	4.675	5.077	155-160	0.996	1294
165.0	4.589	5.020	5.077	4.589	5.134	4.618	4.848	5.048	160-165	0.793	1295
170.0	4.704	5.077	5.134	4.704	5.163	4.561	4.962	5.077	165-170	0.576	1296
175.0	4.675	4.991	5.134	4.618	5.192	4.647	4.991	5.077	170-175	0.349	1296
180.0	4.848	4.991	5.048	4.618	5.077	4.704	5.192	5.020	175-180	0.117	1296
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)
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 Remarks:

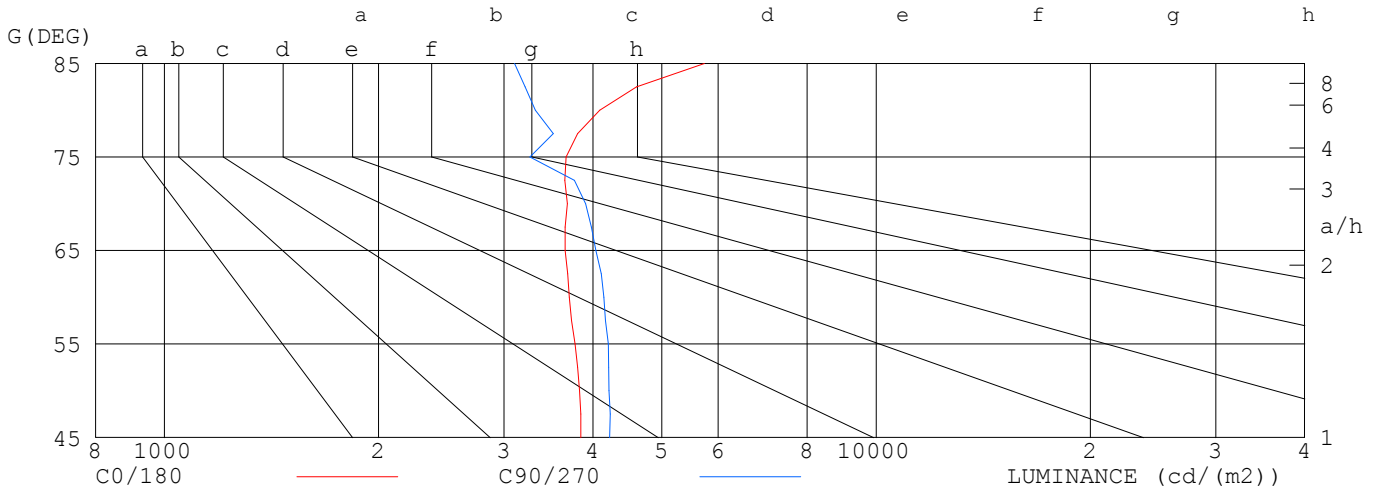
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
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NAME: 2835 120LED/M	TYPE:	WEIGHT:
SPECIFICATION: 4000K	DIMENSION:	SERIAL No. :

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
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	5734	3104
80	4087	3321
75	3666	3264
70	3681	3907
65	3657	4039
60	3704	4145
55	3777	4203
50	3831	4213
45	3846	4222

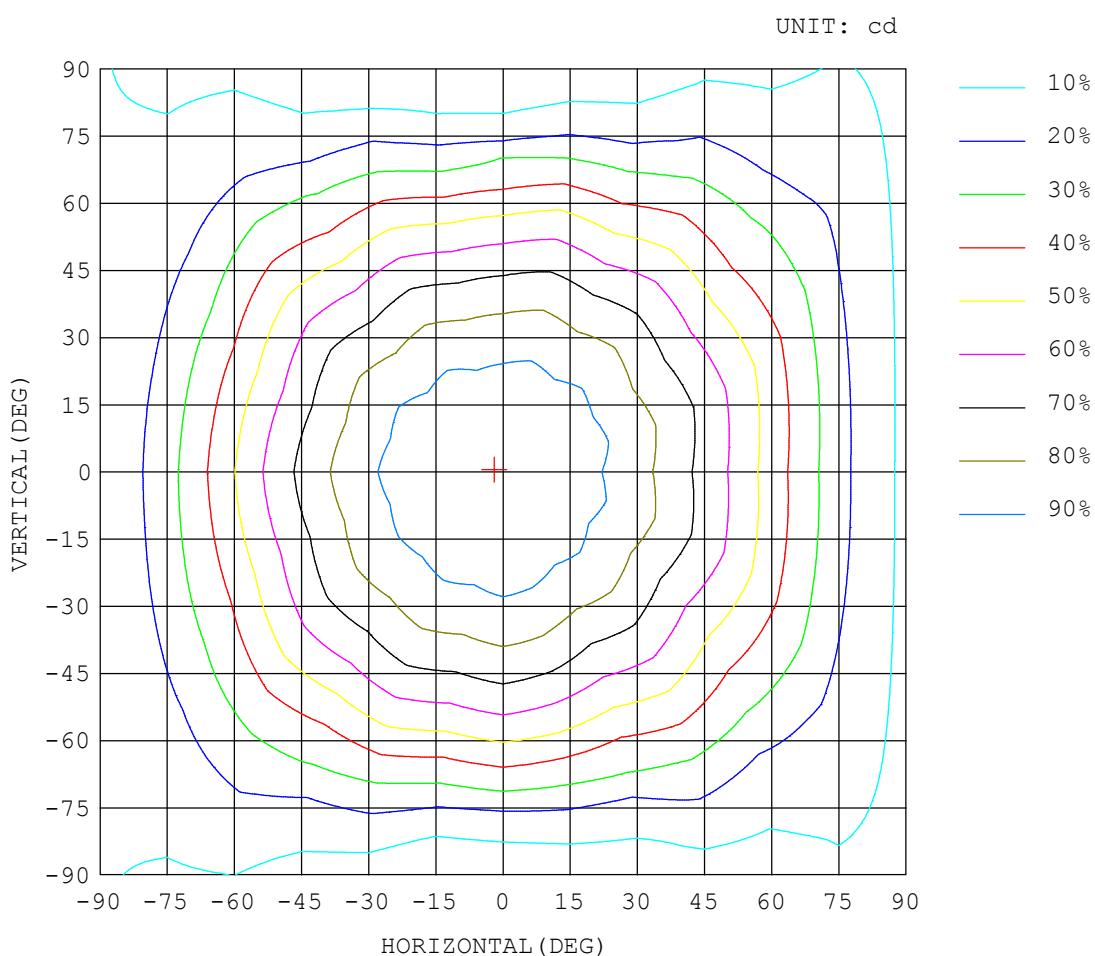
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ISOCANDELA DIAGRAM

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NAME: 2835 120LED/M	TYPE:	WEIGHT:
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