

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

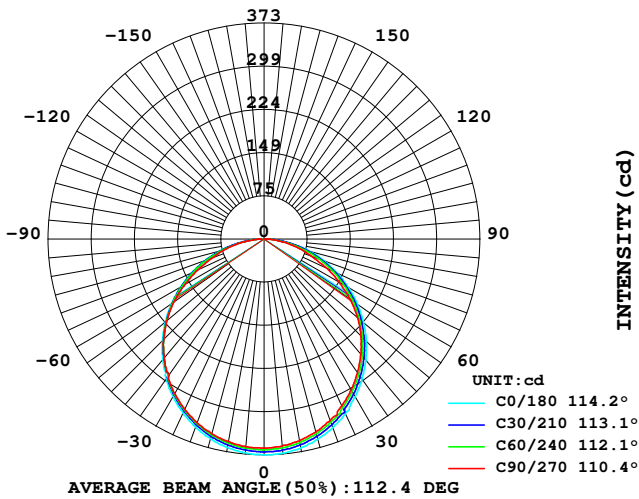
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

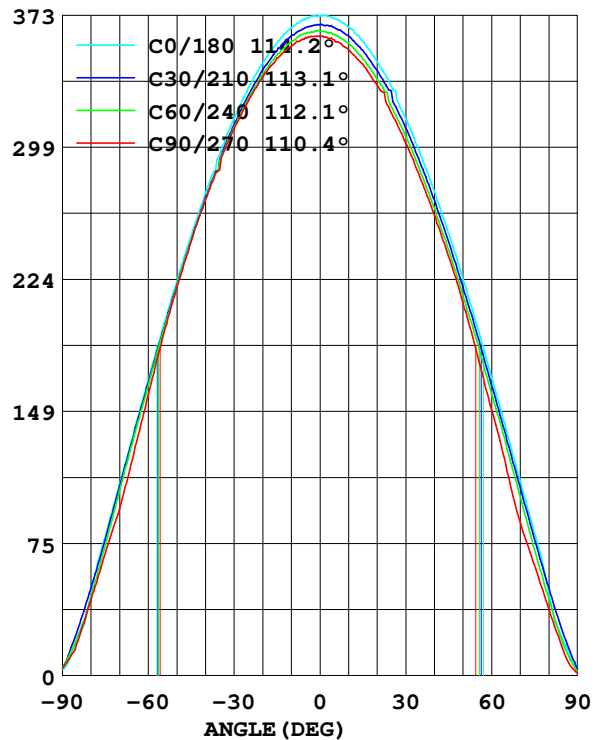
MANUFACTURER :	Address :	
NAME : MSC180/12W-WH	TYPE :	WEIGHT :
SPECIFICATION :	DIMENSION :	SERIAL No. :

DATA OF LAMP		Imax (cd)	373.4	S/MH (C0/180)	1.26
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1047.0	Voltage (V)	220.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	85.7	Current (A)	0.103
NOMINAL FLUX (lm)	1047.1	η up (%)	0.0	Power (W)	12.22
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.536
TEST VOLTAGE (V)	220.3	Effective Flux (lm)	1030.1	EEI	0.155

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2018年05月11日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.400 m
 Remarks:

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Color Temperature Data List

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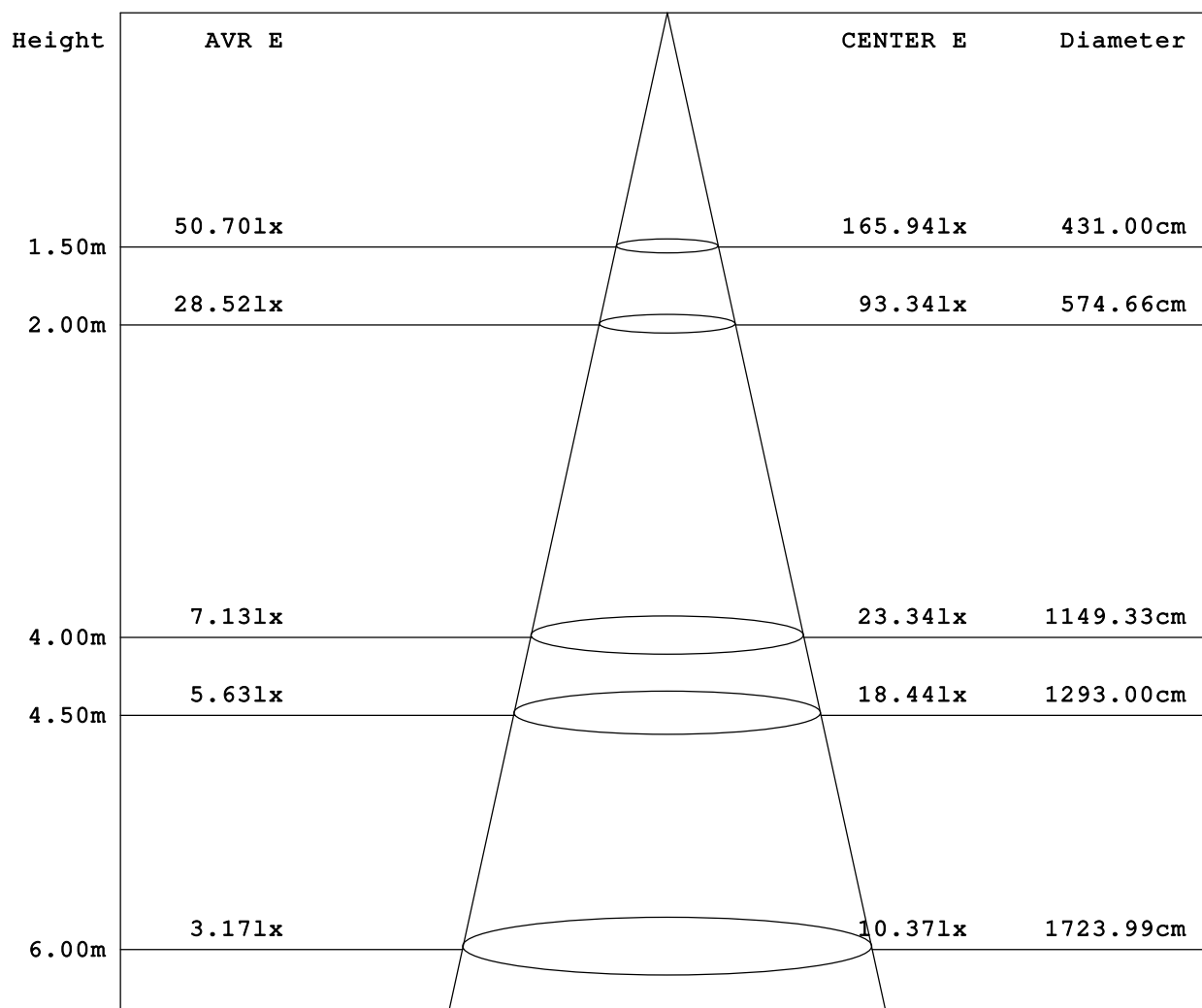
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: MSC180/12W-WH	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:110.3deg

Test System:HOPOO HPG1600
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: MSC180/12W-WH	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	370.8	364.3	360.8	357.0	371.6	364.6	359.4	356.9	0- 5	8.668	8.668
10.0	366.1	358.5	355.6	352.6	366.8	360.4	354.1	351.6	5- 10	25.70	34.37
15.0	357.7	350.7	349.2	344.9	358.6	352.6	345.7	343.9	10- 15	41.86	76.23
20.0	346.1	338.9	338.2	334.6	346.8	341.4	333.8	332.5	15- 20	56.58	132.8
25.0	332.4	323.5	325.1	319.0	333.4	327.5	318.3	318.7	20- 25	69.37	202.1
30.0	314.7	306.5	309.1	303.6	315.1	311.3	301.1	302.7	25- 30	79.70	281.9
35.0	294.9	287.0	285.9	284.6	295.4	292.4	281.8	281.9	30- 35	87.45	369.3
40.0	272.6	265.3	268.9	263.4	273.8	269.8	260.4	260.7	35- 40	92.20	461.5
45.0	248.7	241.9	245.5	240.6	250.1	246.8	236.9	238.2	40- 45	94.12	555.6
50.0	222.8	216.2	219.4	215.9	224.1	221.7	210.8	213.1	45- 50	92.85	648.5
55.0	195.7	188.7	190.7	189.0	197.2	194.5	181.4	186.5	50- 55	88.40	736.9
60.0	167.4	160.7	158.6	162.3	168.7	166.9	150.4	159.5	55- 60	80.83	817.7
65.0	137.3	131.3	125.6	132.1	139.7	137.7	119.0	131.3	60- 65	70.65	888.4
70.0	108.5	100.1	94.31	101.9	110.3	108.1	86.85	101.9	65- 70	58.48	946.9
75.0	78.52	70.62	69.33	73.00	80.79	78.95	62.73	73.33	70- 75	45.31	992.2
80.0	45.42	42.61	42.72	44.67	46.83	49.75	37.74	44.88	75- 80	31.42	1024
85.0	19.46	19.46	18.06	21.63	19.90	24.76	14.60	20.65	80- 85	17.37	1041
90.0	3.461	2.487	4.001	4.326	4.001	5.083	1.622	3.569	85- 90	6.026	1047
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd										UNIT:lm

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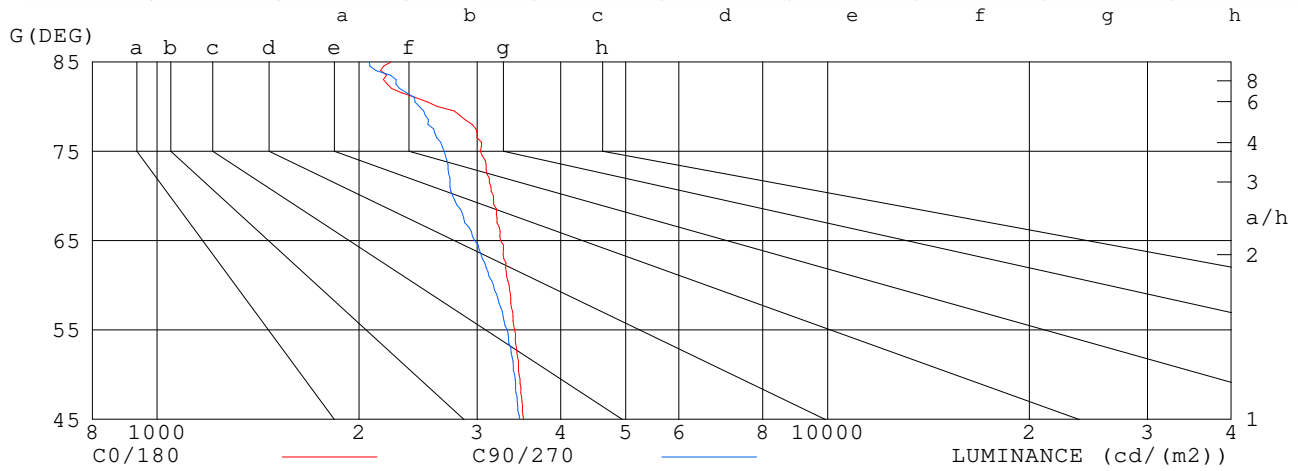
LUMINANCE LIMITATION CURVES

Report number:

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		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	2234	2072
80	2616	2460
75	3034	2679
70	3175	2758
65	3250	2974
60	3349	3173
55	3413	3326
50	3466	3414
45	3518	3472

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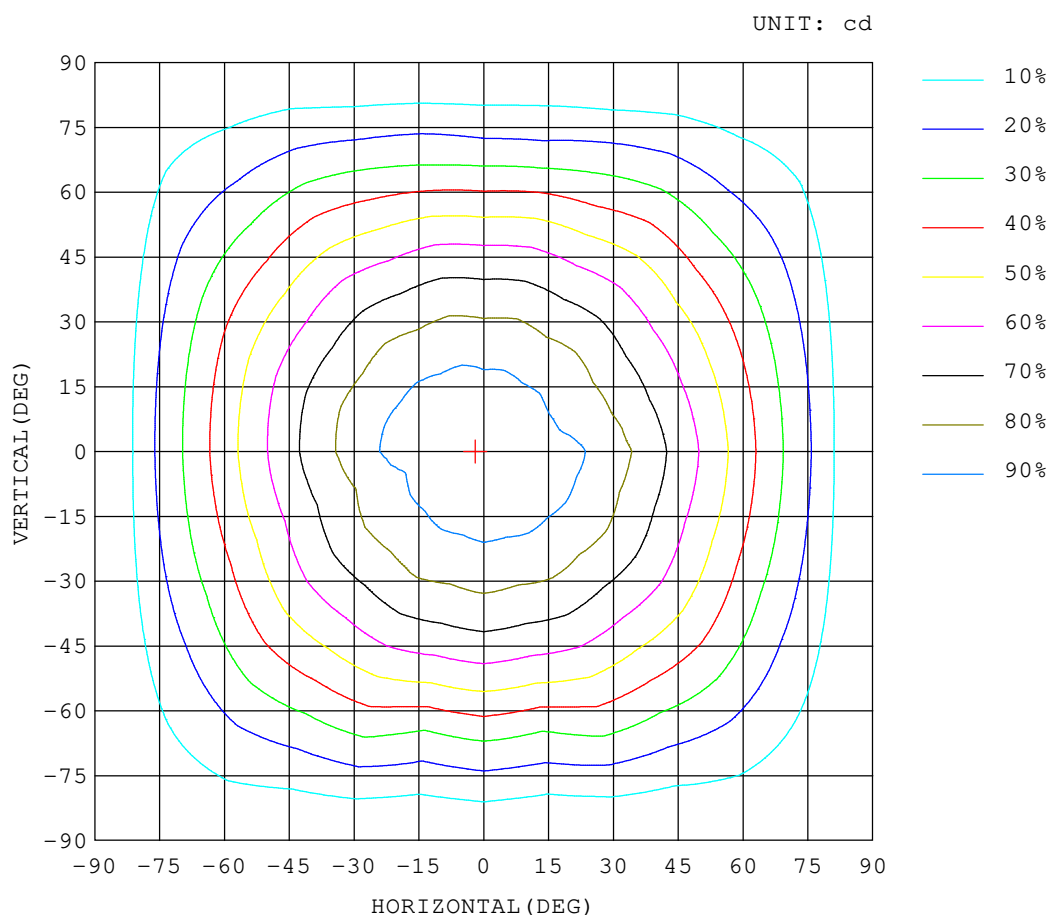
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ISOCANDELA DIAGRAM

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