

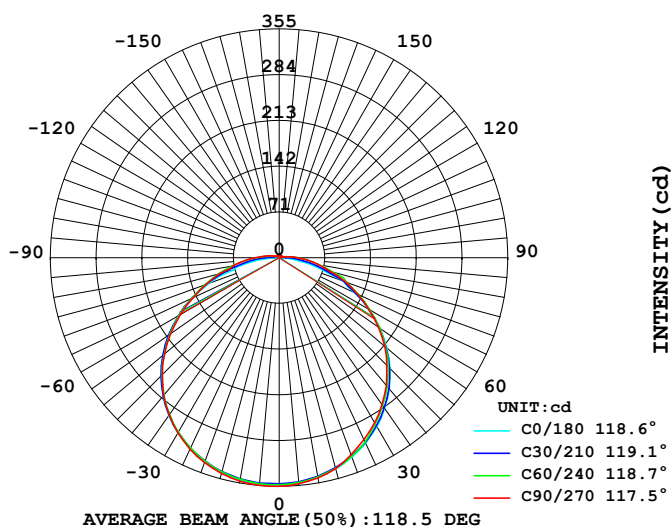
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

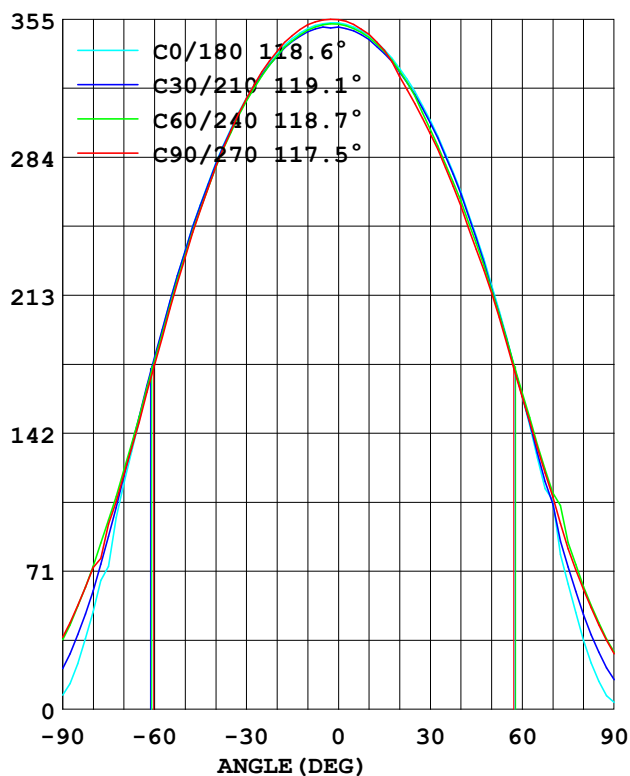
MANUFACTURER:		
Address:		
NAME: 5050 60	TYPE:	WEIGHT:
SPECIFICATION: 4000k	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	355.5	S/MH (C0/180)	1.32
MODEL	5050	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.32
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1126.4	Voltage (V)	12.00
RATED VOLTAGE (V)	12	EFFICIENCY (lm/W)	93.9	Current (A)	1.000
NOMINAL FLUX (lm)	1126.4	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)	1077.0	EET	0.147

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:

MANUFACTURER:		
Address:		
NAME: 5050 60	TYPE:	WEIGHT:
SPECIFICATION: 4000k	DIMENSION:	SERIAL No. :

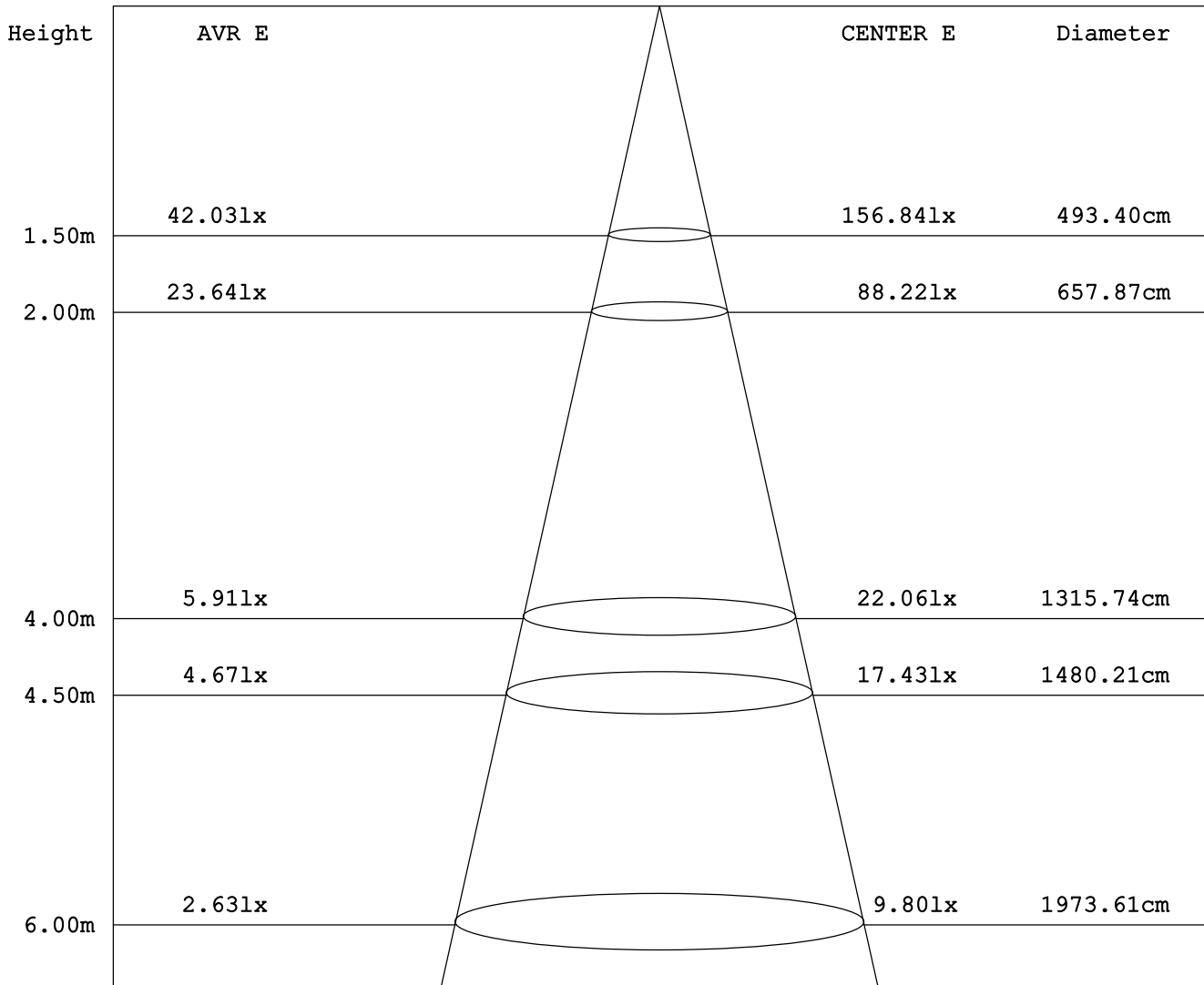
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-11-2020

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: 5050 60	TYPE:	WEIGHT:
SPECIFICATION: 4000k	DIMENSION:	SERIAL No. :



Angle:117.4deg

Test System:HOPPO 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: 5050 60	TYPE:	WEIGHT:
SPECIFICATION: 4000k	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	α_{one}	total
5.0	352.5	351.1	354.4	351.9	350.8	350.7	352.0	352.8	0- 5	8.429	8.429
10.0	350.0	347.8	351.9	347.4	346.1	346.7	347.0	349.3	5- 10	25.04	33.47
15.0	344.9	341.8	346.4	340.1	339.2	340.7	338.7	342.9	10- 15	40.92	74.39
20.0	337.1	333.5	338.3	330.1	329.5	331.9	325.5	331.8	15- 20	55.53	129.9
25.0	327.2	322.3	327.8	317.8	317.7	321.0	311.4	319.0	20- 25	68.43	198.3
30.0	314.3	308.3	314.1	302.6	302.8	307.4	296.0	304.4	25- 30	79.24	277.6
35.0	298.6	292.3	297.6	284.9	285.4	290.4	278.3	286.3	30- 35	87.63	365.2
40.0	280.7	273.0	278.8	264.1	266.0	270.8	258.8	265.5	35- 40	93.15	458.4
45.0	259.4	250.7	256.7	240.3	243.3	248.5	236.3	244.1	40- 45	95.62	554.0
50.0	235.3	226.9	231.9	215.0	218.0	224.5	214.0	220.0	45- 50	95.00	649.0
55.0	209.5	199.7	205.9	186.5	191.1	199.7	188.2	195.0	50- 55	91.13	740.1
60.0	180.1	170.4	177.1	156.3	161.2	172.1	160.9	169.1	55- 60	84.23	824.3
65.0	148.3	141.3	147.7	127.1	129.2	145.4	134.3	140.5	60- 65	74.65	899.0
70.0	116.1	111.6	120.7	105.1	107.5	118.8	109.4	113.4	65- 70	63.12	962.1
75.0	73.42	83.59	95.19	71.78	64.45	92.62	82.47	86.36	70- 75	50.22	1012
80.0	50.11	60.31	72.87	44.97	35.52	67.81	61.68	55.47	75- 80	36.47	1049
85.0	23.51	39.96	53.43	29.42	14.38	47.17	43.43	39.11	80- 85	25.01	1074
90.0	7.330	24.05	37.09	14.73	3.515	30.19	28.62	23.76	85- 90	15.73	1090
95.0	4.462	13.71	25.85	3.540	2.592	17.77	18.17	8.950	90- 95	9.005	1099
100.0	4.263	7.355	17.65	6.557	2.792	10.44	10.37	6.307	95-100	5.509	1104
105.0	4.138	3.914	11.54	3.889	2.942	5.909	5.061	4.961	100-105	3.534	1108
110.0	4.138	3.116	7.330	2.991	3.041	4.363	3.141	4.188	105-110	2.369	1110
115.0	4.113	3.166	5.260	3.291	3.166	4.338	3.166	4.188	110-115	1.969	1112
120.0	4.138	3.266	4.612	3.515	3.365	4.288	3.291	4.113	115-120	1.837	1114
125.0	4.188	3.390	4.562	3.515	3.440	4.313	3.465	4.113	120-125	1.770	1116
130.0	4.188	3.390	4.537	3.615	3.565	4.263	3.665	4.188	125-130	1.692	1117
135.0	4.263	3.440	4.487	3.590	3.665	4.313	3.690	4.238	130-135	1.591	1119
140.0	4.213	3.590	4.487	3.440	3.764	4.313	3.864	4.338	135-140	1.469	1120
145.0	4.288	3.665	4.388	3.640	3.839	4.363	3.839	4.263	140-145	1.340	1122
150.0	4.363	3.714	4.363	3.739	3.939	4.338	3.839	4.338	145-150	1.190	1123
155.0	4.338	3.789	4.363	3.839	4.014	4.438	3.964	4.363	150-155	1.033	1124
160.0	4.413	3.889	4.388	3.914	4.064	4.413	3.914	4.363	155-160	0.865	1125
165.0	4.413	3.989	4.462	4.014	4.213	4.388	3.989	4.363	160-165	0.689	1125
170.0	4.462	4.088	4.487	3.964	4.313	4.413	4.088	4.413	165-170	0.501	1126
175.0	4.462	4.014	4.512	4.039	4.338	4.413	4.064	4.338	170-175	0.304	1126
180.0	4.388	4.014	4.413	4.088	4.512	4.363	4.213	4.338	175-180	0.102	1126
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)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

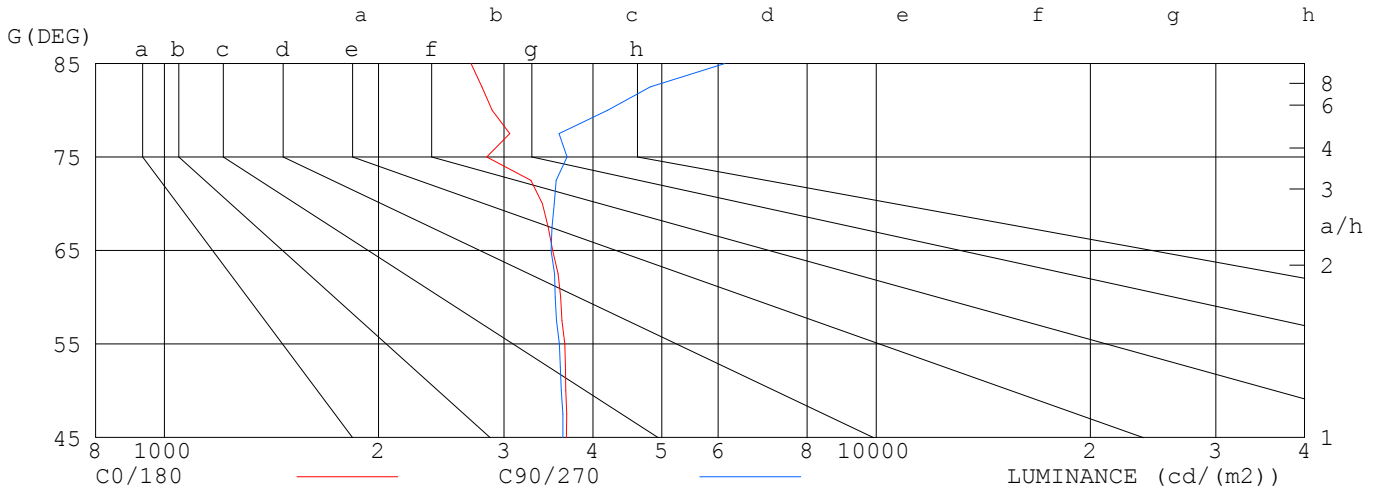
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: 5050 60	TYPE:	WEIGHT:
SPECIFICATION: 4000k	DIMENSION:	SERIAL No. :

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	2698	6130
80	2886	4197
75	2837	3678
70	3396	3530
65	3511	3495
60	3602	3542
55	3653	3590
50	3662	3609
45	3670	3630

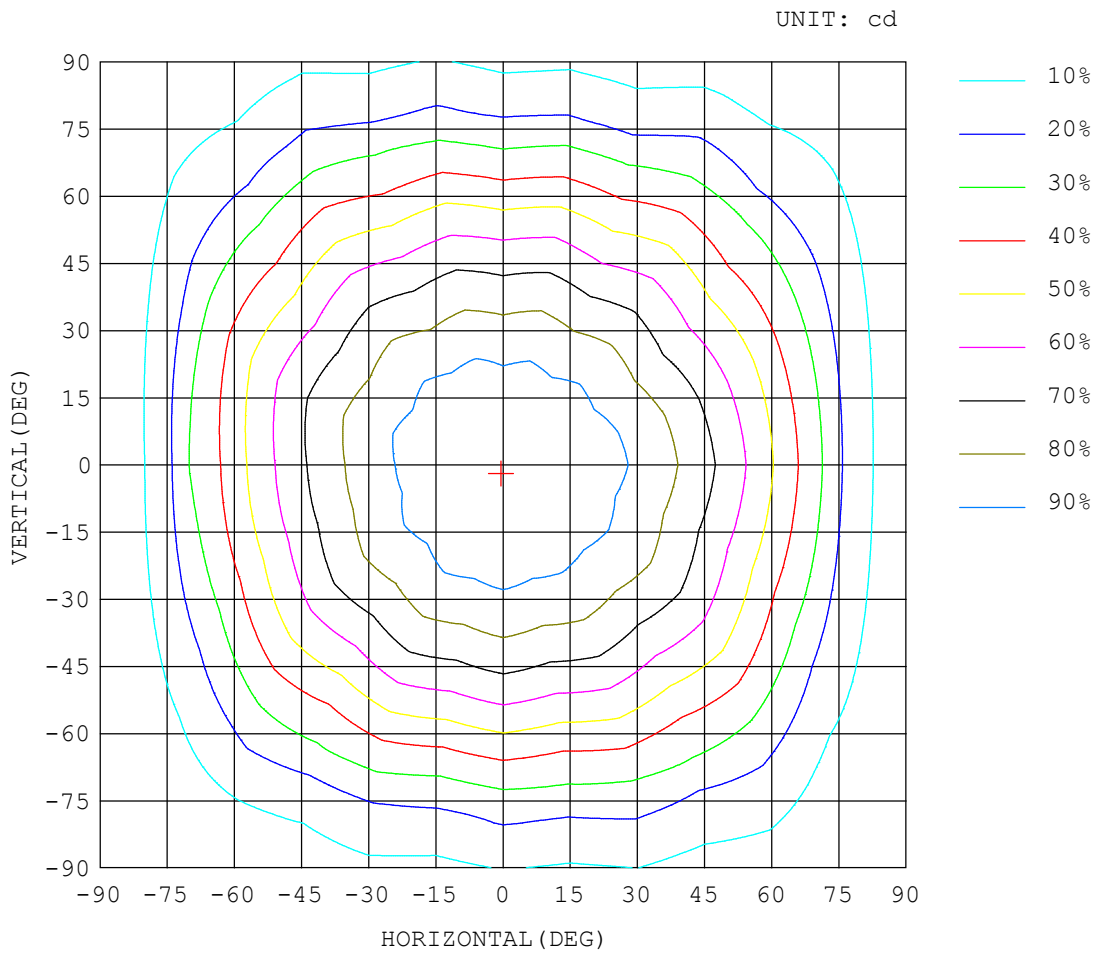
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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 5050 60	TYPE:	WEIGHT:
SPECIFICATION: 4000k	DIMENSION:	SERIAL No. :



Test System:HOPOO HPG1800
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