

GONIOPHOTOMETERS SYSTEM TEST REPORT

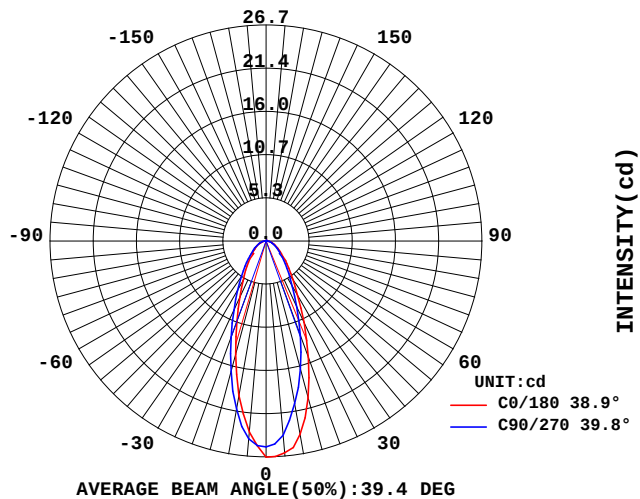
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

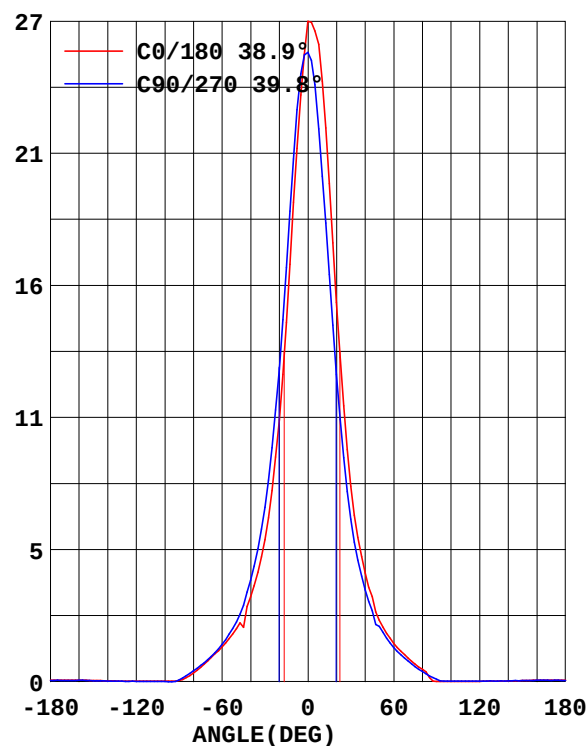
MANUFACTURER:			
Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	26.71	S/MH(C0/180)	0.53
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.63
NOMINAL POWER(W)	2	TOTAL FLUX(lm)	20.7	Voltage(V)	12.01
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	13.4	Current(A)	0.166
NOMINAL FLUX(lm)	20.7	η up(%)	0.7	Power(W)	1.540
LAMPS QUANTITY	1	η down(%)	99.3	Power Factor(PF)	0.769
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	15.8	EEI	0.361

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HP880D
 Temperature:25.3DEG
 Operators:
 Test Date:03-16-2026

Test Set: 6.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:1.000 m
 Remarks:

Color Temperature Data List

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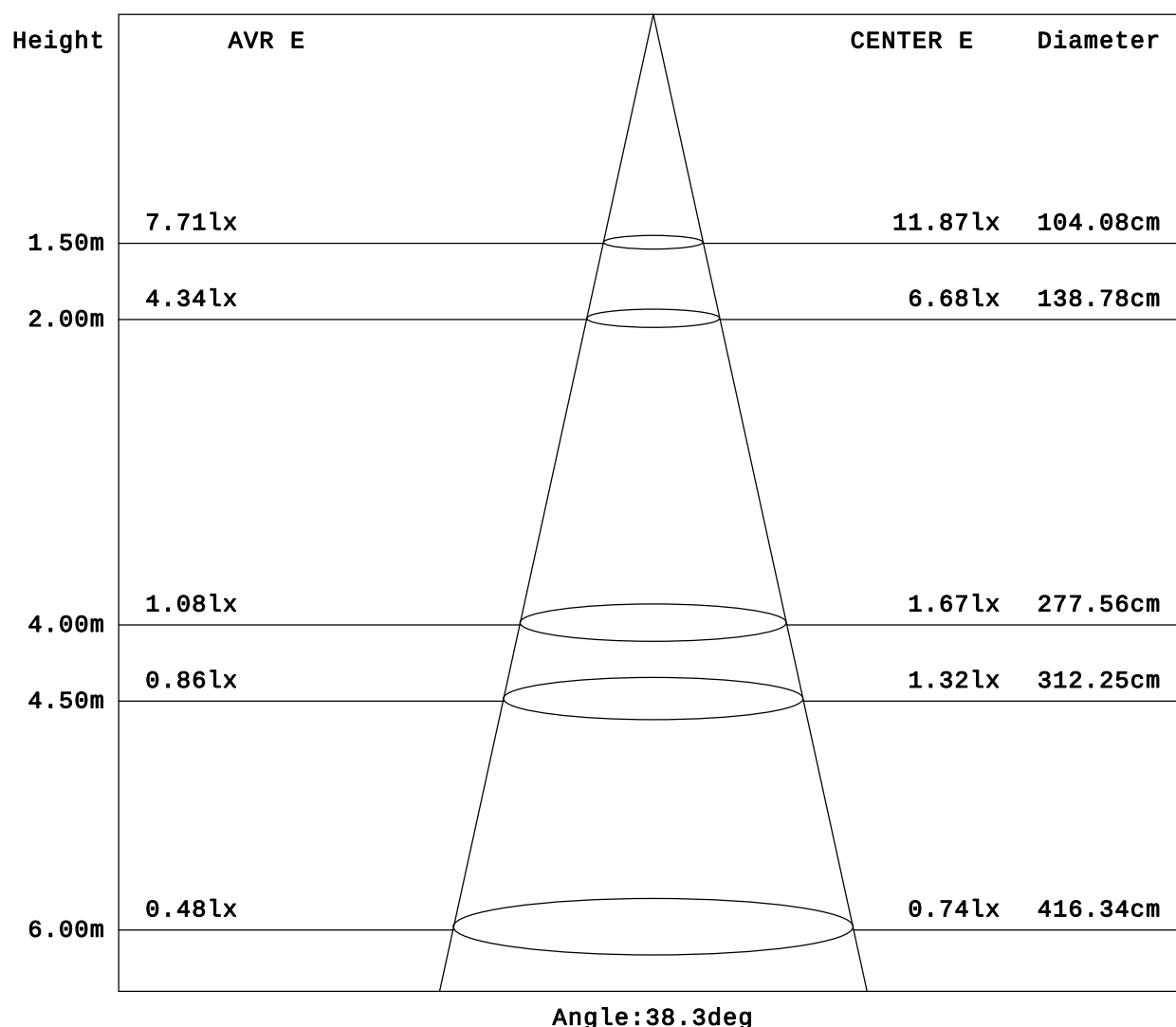
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ZONAL FLUX DIAGRAM

Report number:

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Address:			
NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

γ	C0	C90	C180	C270					γ	zone	total
5.0	23.73	24.57	26.31	24.14					0- 5	0.606	0.606
10.0	19.38	21.13	24.28	20.44					5- 10	1.642	2.248
15.0	14.52	16.75	20.13	16.46					10- 15	2.262	4.510
20.0	10.58	12.64	15.34	12.42					15- 20	2.433	6.943
25.0	7.724	9.457	11.15	9.054					20- 25	2.297	9.241
30.0	5.743	7.051	7.908	6.567					25- 30	2.023	11.26
35.0	4.417	5.364	5.835	4.916					30- 35	1.743	13.00
40.0	3.429	4.094	4.400	3.714					35- 40	1.496	14.50
45.0	2.195	3.089	3.443	2.864					40- 45	1.262	15.76
50.0	2.147	2.417	2.485	2.239					45- 50	1.042	16.81
55.0	1.736	1.921	1.952	1.757					50- 55	0.900	17.71
60.0	1.405	1.502	1.553	1.384					55- 60	0.760	18.47
65.0	1.117	1.165	1.224	1.078					60- 65	0.632	19.10
70.0	0.838	0.887	0.953	0.832					65- 70	0.511	19.61
75.0	0.572	0.649	0.706	0.602					70- 75	0.393	20.00
80.0	0.346	0.436	0.494	0.410					75- 80	0.280	20.28
85.0	0.158	0.236	0.161	0.233					80- 85	0.171	20.45
90.0	0.039	0.075	0.008	0.095					85- 90	0.062	20.52
95.0	0.021	0	0.003	0.021					90- 95	0.013	20.53
100.0	0.019	0.001	0.003	0.023					95-100	0.006	20.54
105.0	0.017	0.005	0.005	0.018					100-105	0.006	20.54
110.0	0.017	0.010	0.007	0.017					105-110	0.006	20.55
115.0	0.018	0.006	0.009	0.018					110-115	0.006	20.55
120.0	0.019	0.010	0.011	0.018					115-120	0.007	20.56
125.0	0.020	0.009	0.014	0.021					120-125	0.007	20.57
130.0	0.023	0.018	0.017	0.021					125-130	0.008	20.58
135.0	0.027	0.024	0.021	0.029					130-135	0.009	20.58
140.0	0.033	0.024	0.026	0.030					135-140	0.010	20.59
145.0	0.039	0.032	0.032	0.041					140-145	0.011	20.60
150.0	0.047	0.037	0.039	0.043					145-150	0.011	20.62
155.0	0.053	0.049	0.048	0.048					150-155	0.011	20.63
160.0	0.056	0.054	0.056	0.053					155-160	0.011	20.64
165.0	0.056	0.051	0.061	0.052					160-165	0.009	20.65
170.0	0.055	0.049	0.060	0.049					165-170	0.007	20.65
175.0	0.053	0.052	0.058	0.053					170-175	0.004	20.66
180.0	0.056	0.045	0.056	0.045					175-180	0.001	20.66
DEG	LUMINOUS INTENSITY:cd									UNIT: lm	

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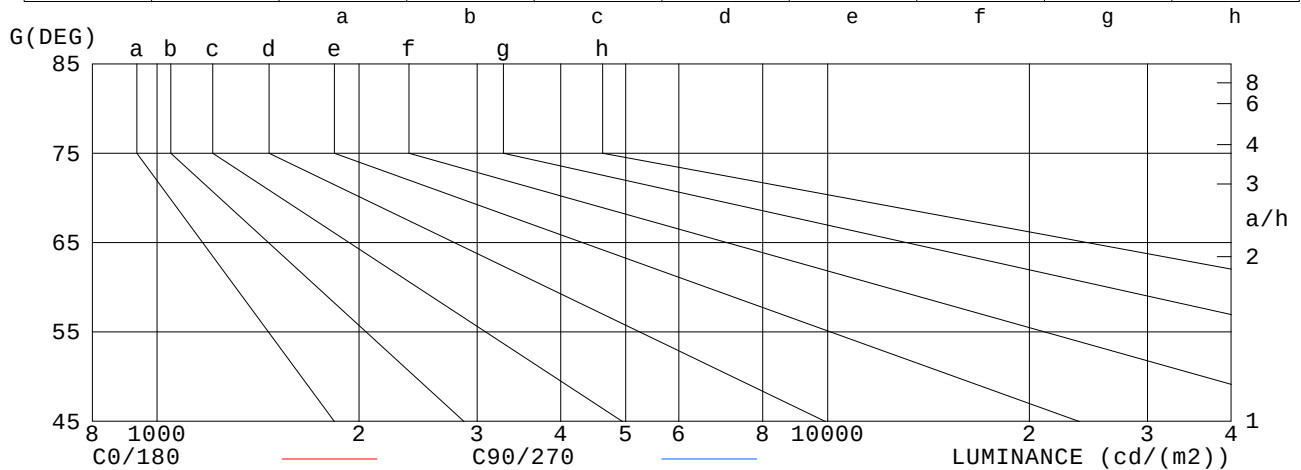
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
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NAME:		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
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



LUMINANCE cd/m2		
G(DEG)	C0/180	C90/270
85	18	27
80	20	25
75	22	25
70	25	26
65	26	28
60	28	30
55	30	33
50	33	38
45	31	44

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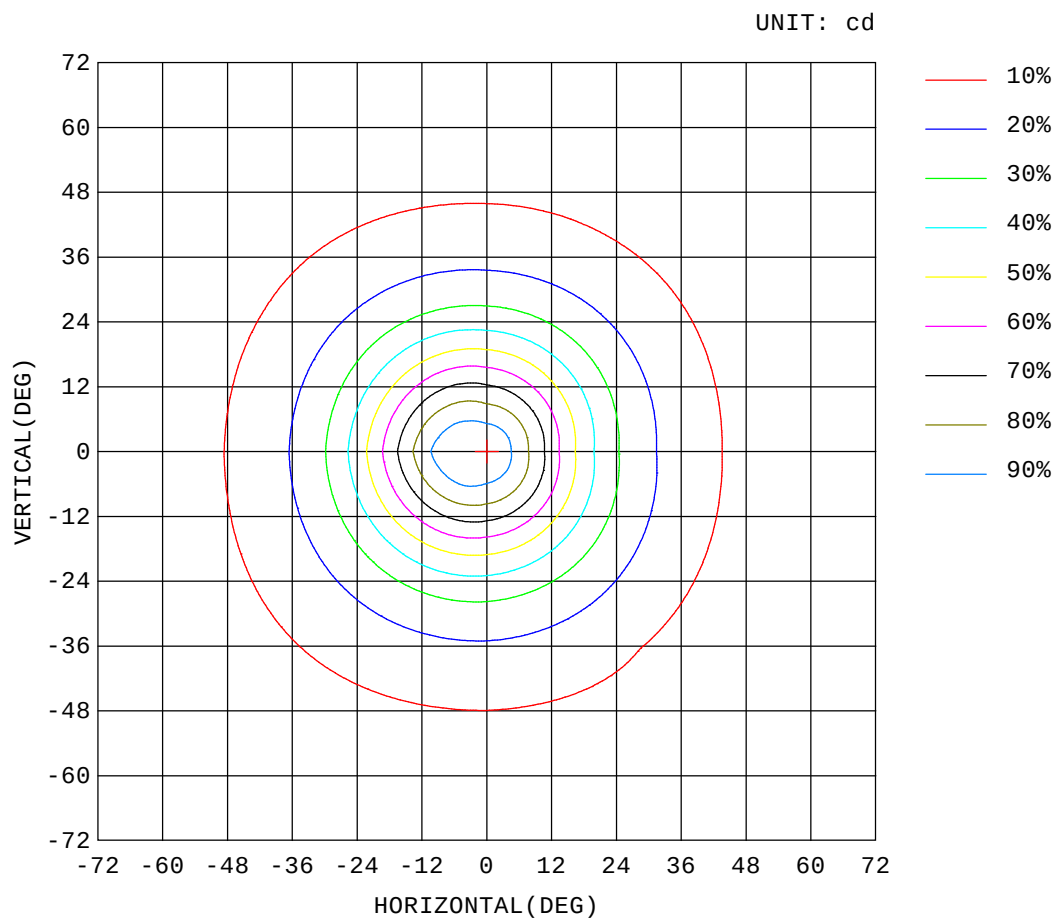
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ISOCANDELA DIAGRAM

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