

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

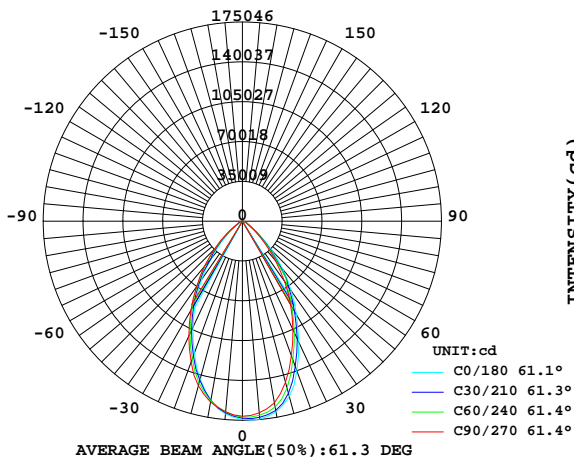
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

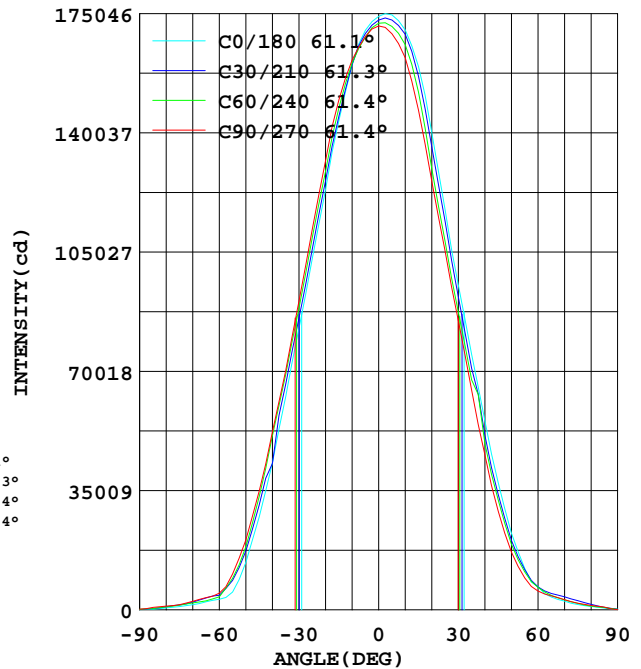
MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS 60	TYPE:	WEIGHT:	
SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	175046	S/MH(C0/180)	0.85
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.92
NOMINAL POWER(W)	1200	TOTAL FLUX(lm)	189705	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	159.2	Current(A)	5.356
NOMINAL FLUX(lm)	189705.0	η up(%)	0.0	Power(W)	1192
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.987
TEST VOLTAGE(V)	219.8	Effective Flux(lm)	175556.7	EI	0.092

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-21-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

Color Temperature Data List

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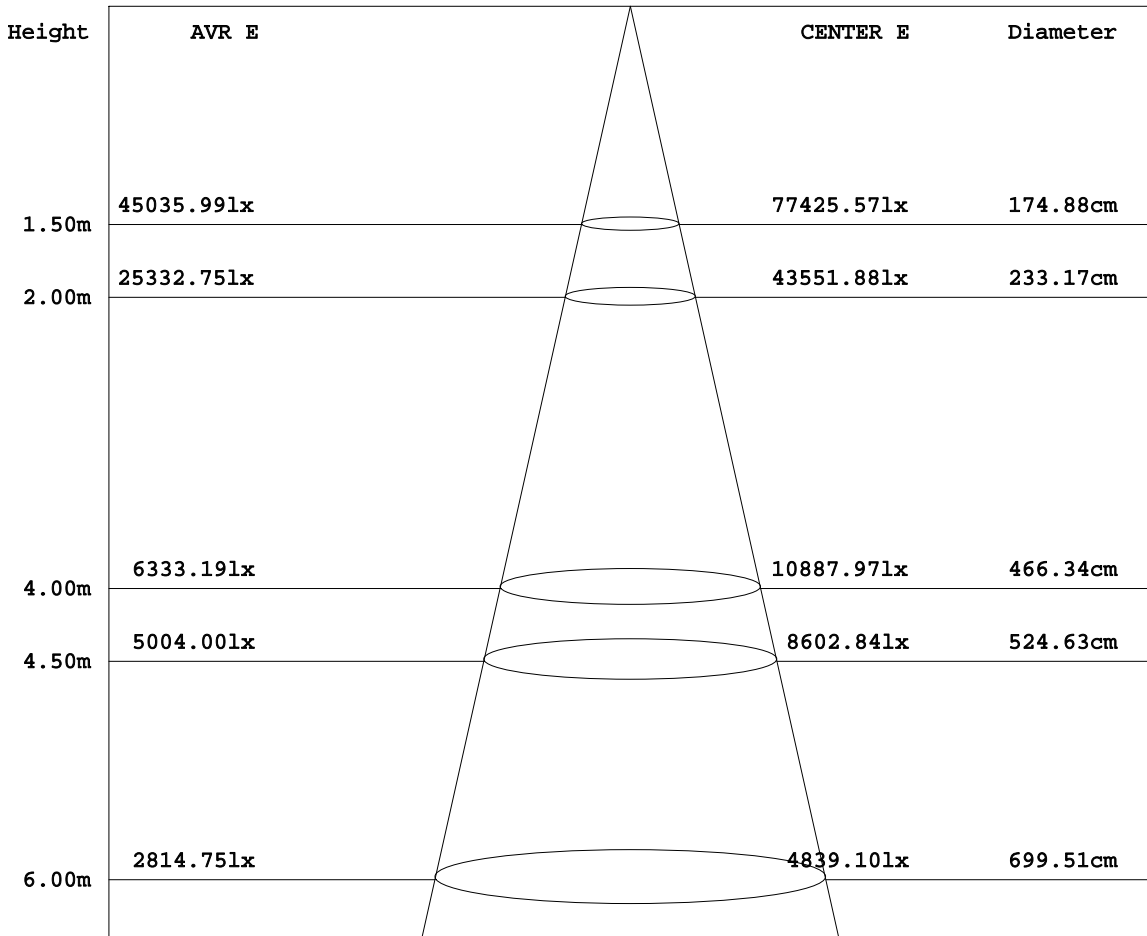
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Angle:60.5deg

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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1701	1688	1682	1693	1746	1723	1691	1667	0- 5	4078	4078
10.0	1600	1603	1614	1639	1702	1674	1620	1585	5- 10	11880	15958
15.0	1435	1457	1497	1526	1595	1548	1466	1431	10- 15	18502	34460
20.0	1234	1276	1318	1337	1401	1329	1258	1222	15- 20	22955	57416
25.0	1031	1076	1117	1120	1175	1102	1054	1014	20- 25	24886	82302
30.0	826.1	871.3	906.5	907.6	953.0	896.0	848.2	820.1	25- 30	24719	107021
35.0	625.7	683.8	702.4	718.8	749.9	689.7	645.1	625.2	30- 35	22841	129862
40.0	431.8	493.5	523.1	527.6	555.1	494.2	454.7	431.9	35- 40	19517	149378
45.0	272.1	326.0	348.2	363.2	373.4	328.2	290.1	280.0	40- 45	14838	164216
50.0	139.5	185.0	205.3	219.7	224.9	197.6	169.3	151.9	45- 50	10141	174357
55.0	52.53	88.79	105.4	114.8	121.4	113.0	93.62	73.04	50- 55	6052	180410
60.0	31.32	46.60	49.04	54.78	68.49	68.57	55.16	42.40	55- 60	3311	183721
65.0	23.72	30.29	35.91	34.61	37.94	44.78	41.04	31.58	60- 65	2057	185778
70.0	15.49	22.15	25.09	28.01	25.56	36.14	29.87	22.23	65- 70	1529	187306
75.0	9.651	15.00	15.36	20.65	15.91	24.41	19.47	15.25	70- 75	1099	188405
80.0	5.842	9.080	10.90	12.76	9.896	14.67	13.07	9.632	75- 80	716.0	189121
85.0	2.293	4.084	7.303	6.856	5.229	7.564	8.209	3.364	80- 85	412.3	189534
90.0	0.911	1.192	2.008	2.053	1.751	2.264	0.687	0.812	85- 90	171.3	189705
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:×100cd								UNIT:lm		

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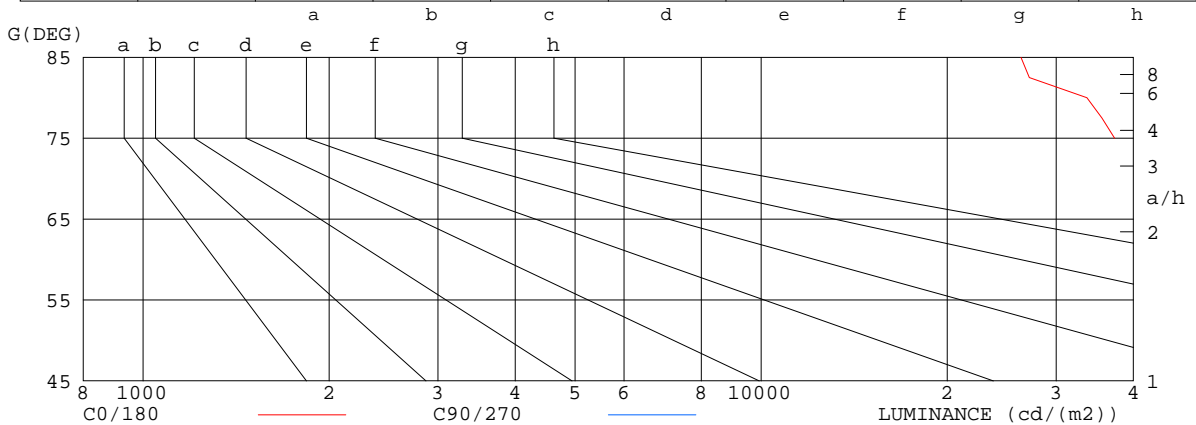
LUMINANCE LIMITATION CURVES

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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	26317	83801
80	33643	62773
75	37291	59350
70	45301	73366
65	56137	84981
60	62646	98097
55	91589	183850
50	217094	319487
45	384880	492446

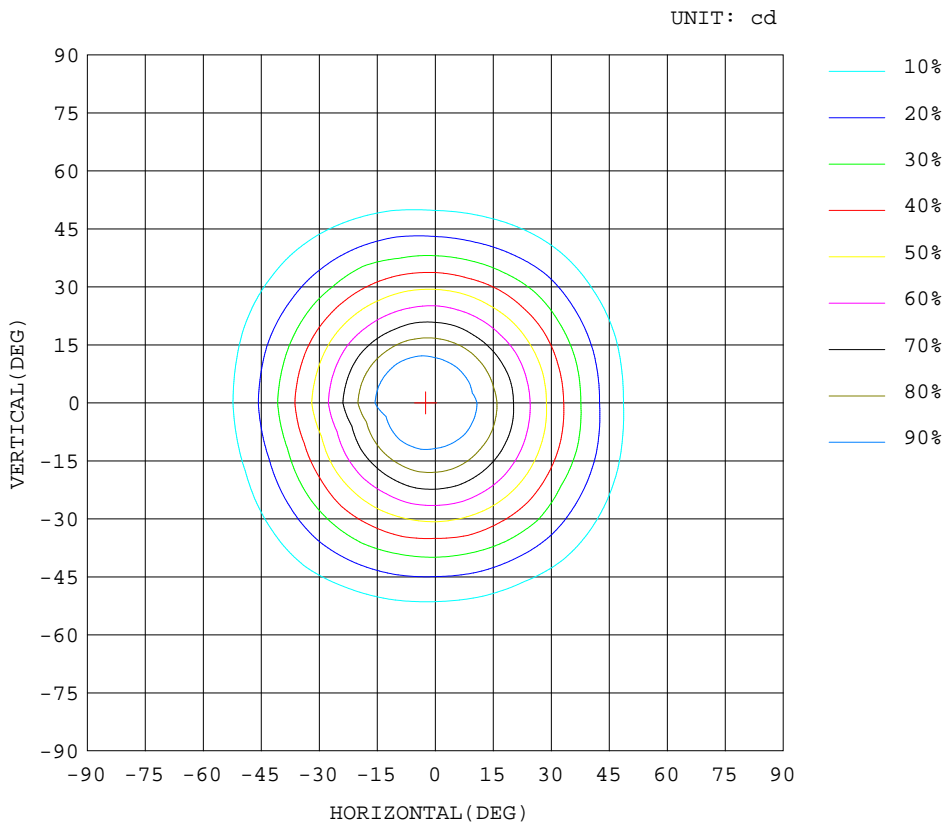
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