

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

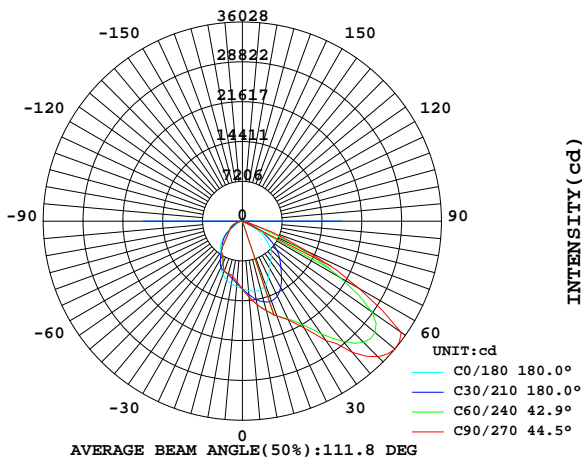
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

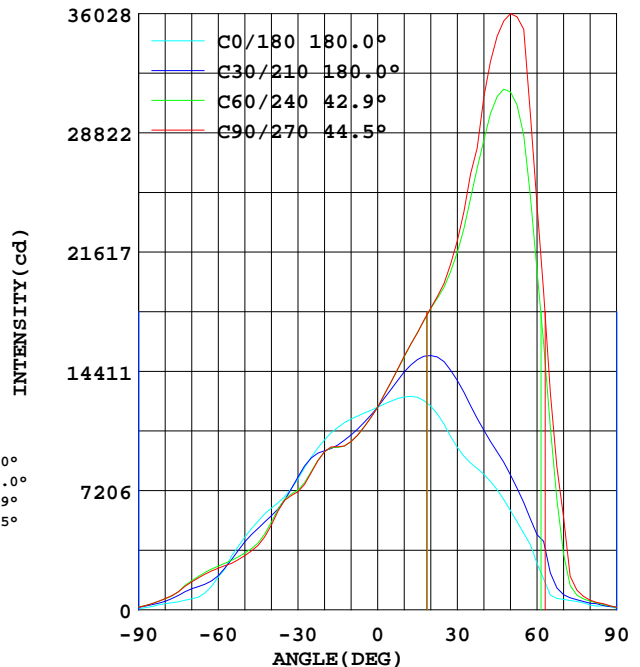
MANUFACTURER:	Address:		
NAME: LSHM-240W-LV (50K)PLUS P50	TYPE:	WEIGHT:	
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	49811	S/MH(C0/180)	1.03
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.94
NOMINAL POWER(W)	240	TOTAL FLUX(lm)	38223	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	159.7	Current(A)	1.121
NOMINAL FLUX(lm)	38223.0	η up(%)	0.0	Power(W)	239.3
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.995
TEST VOLTAGE(V)	220.7	Effective Flux(lm)	32879.7	EI	0.099

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-30-2020

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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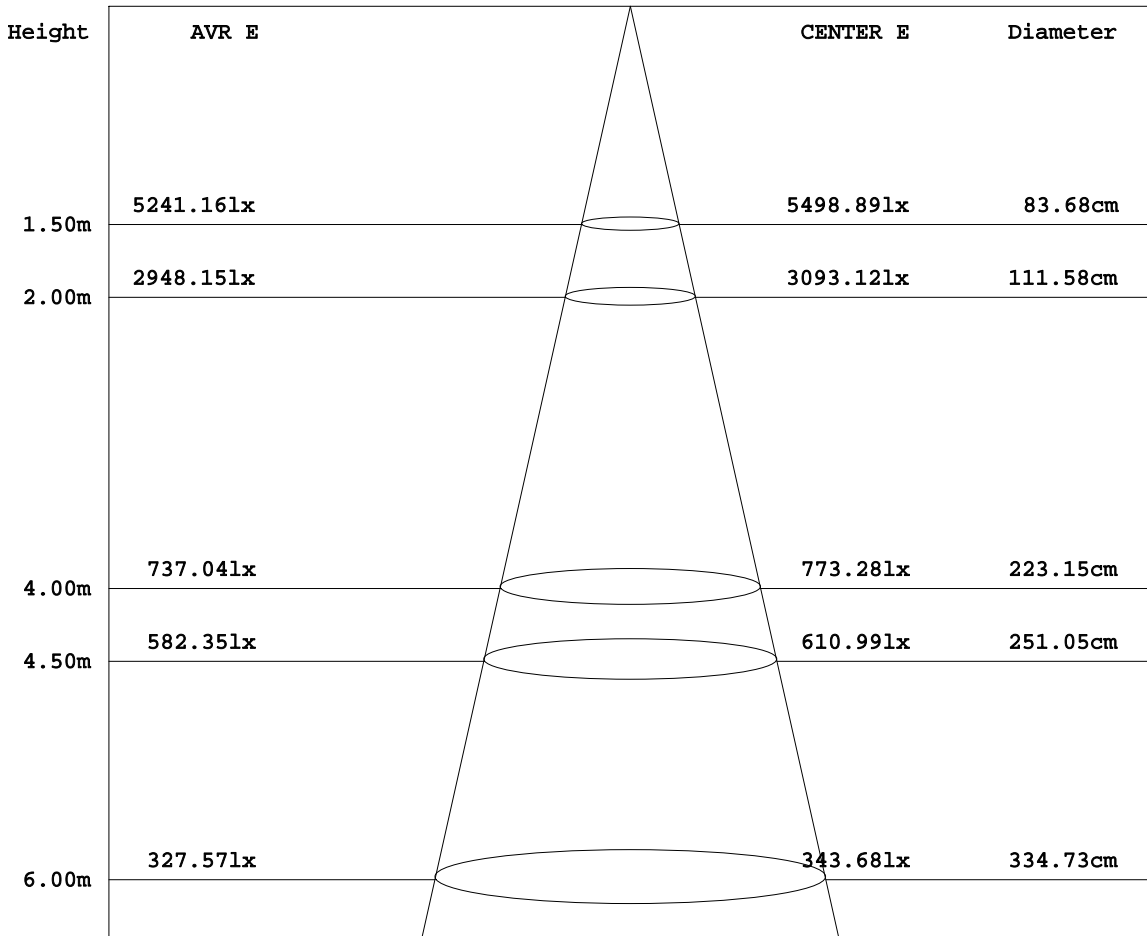
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Angle:31.2deg

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ZONAL FLUX DIAGRAM

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SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	one	total
5.0	1190	1116	1107	1159	1261	1357	1376	1300	0- 5	293.9	293.9
10.0	1154	1030	1018	1093	1286	1496	1534	1372	5- 10	887.2	1181
15.0	1102	980.7	985.5	1028	1285	1611	1675	1419	10- 15	1488	2669
20.0	1027	973.2	956.7	958.5	1231	1701	1824	1409	15- 20	2080	4749
25.0	922.9	896.9	829.6	876.3	1122	1739	1973	1333	20- 25	2597	7346
30.0	790.0	759.2	714.2	766.2	981.9	1732	2230	1201	25- 30	2989	10335
35.0	684.6	672.4	662.3	664.7	886.7	1714	2636	1050	30- 35	3338	13674
40.0	615.3	595.6	512.7	590.6	819.2	1695	3100	935.4	35- 40	3710	17384
45.0	536.1	484.9	390.0	525.2	725.1	1615	3467	838.2	40- 45	4054	21438
50.0	439.8	367.3	328.1	433.8	599.8	1442	3603	706.4	45- 50	4226	25664
55.0	325.9	284.2	280.8	312.6	462.9	1163	3507	556.1	50- 55	4144	29808
60.0	199.9	232.5	251.9	186.6	280.7	801.3	2445	405.7	55- 60	3566	33375
65.0	102.5	188.4	215.8	130.4	89.68	415.4	1315	206.4	60- 65	2337	35711
70.0	67.54	134.1	170.0	100.0	63.10	109.4	558.5	81.90	65- 70	1229	36940
75.0	49.06	90.23	109.9	68.26	50.36	60.00	119.6	58.80	70- 75	601.8	37542
80.0	37.42	60.86	67.79	42.19	29.86	42.84	58.32	40.81	75- 80	350.4	37892
85.0	20.15	37.82	37.56	20.70	25.03	23.96	37.39	24.28	80- 85	215.8	38108
90.0	7.665	17.09	16.35	8.741	9.122	14.88	16.04	17.29	85- 90	114.9	38223
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:×10cd								UNIT:lm		

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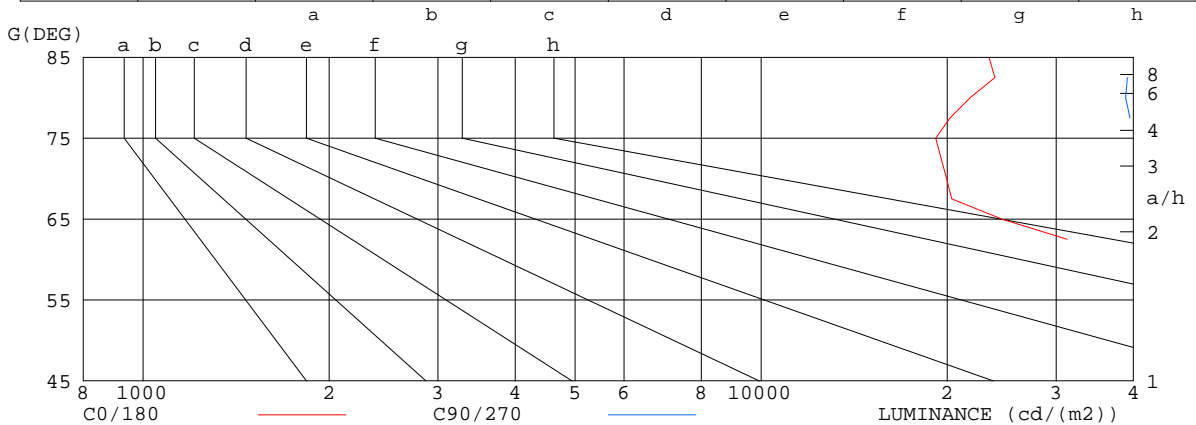
LUMINANCE LIMITATION CURVES

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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	23360	42912
80	21774	38868
75	19152	42276
70	19950	49500
65	24524	50850
60	40403	50158
55	57412	48745
50	69138	50828
45	76606	54914

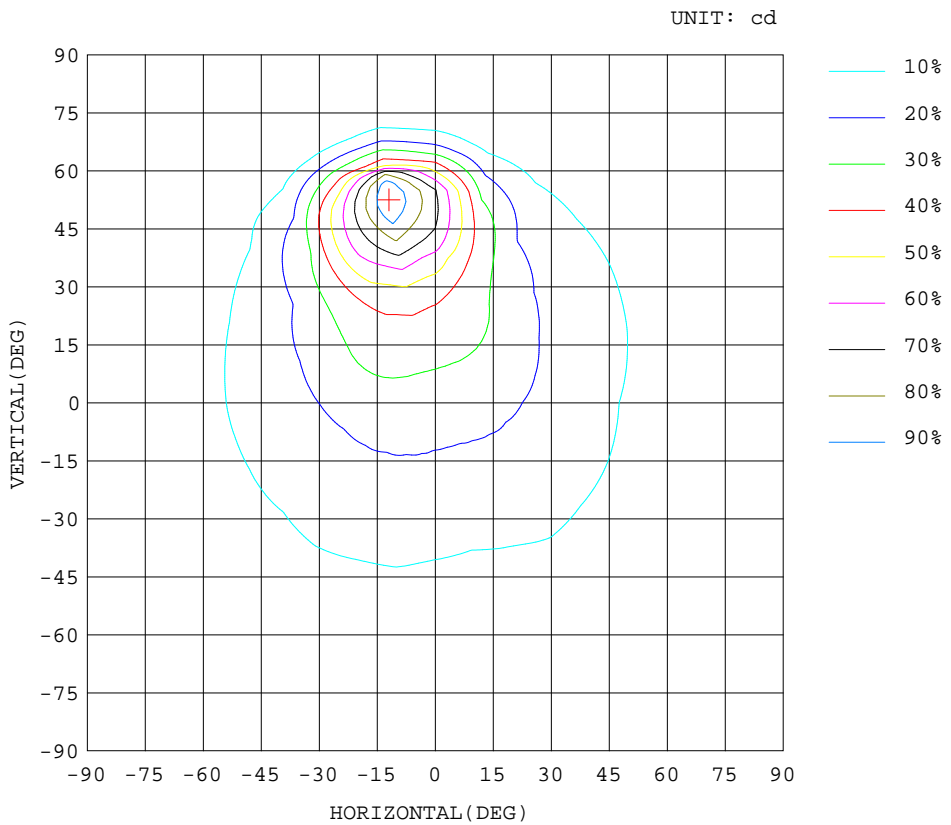
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