

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

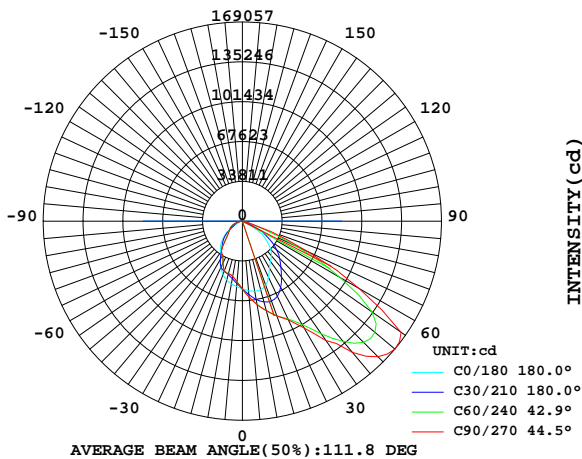
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

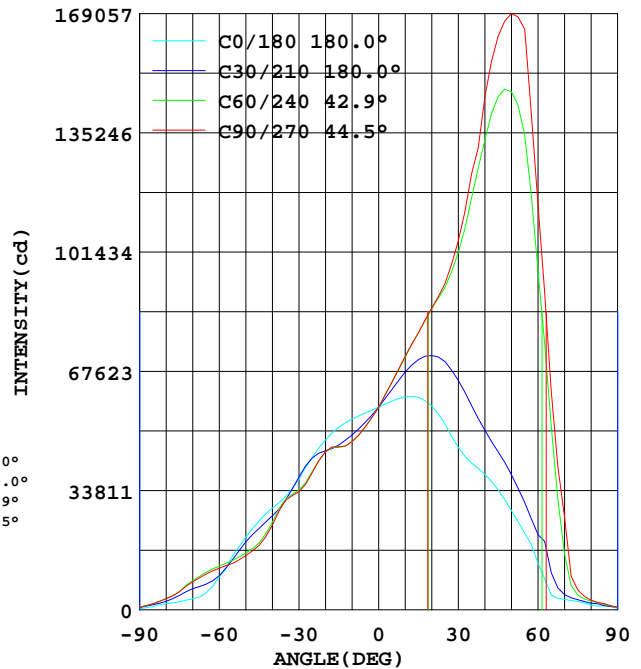
MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS P50	TYPE:	WEIGHT:	
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	233733	S/MH(C0/180)	1.03
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.94
NOMINAL POWER(W)	1200	TOTAL FLUX(lm)	179358	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	150.2	Current(A)	5.614
NOMINAL FLUX(lm)	179358.0	η up(%)	0.0	Power(W)	1194
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.969
TEST VOLTAGE(V)	220.7	Effective Flux(lm)	0.0	EI	0.000

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

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-LV (50K)PLUS P50	TYPE:	WEIGHT:
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:

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

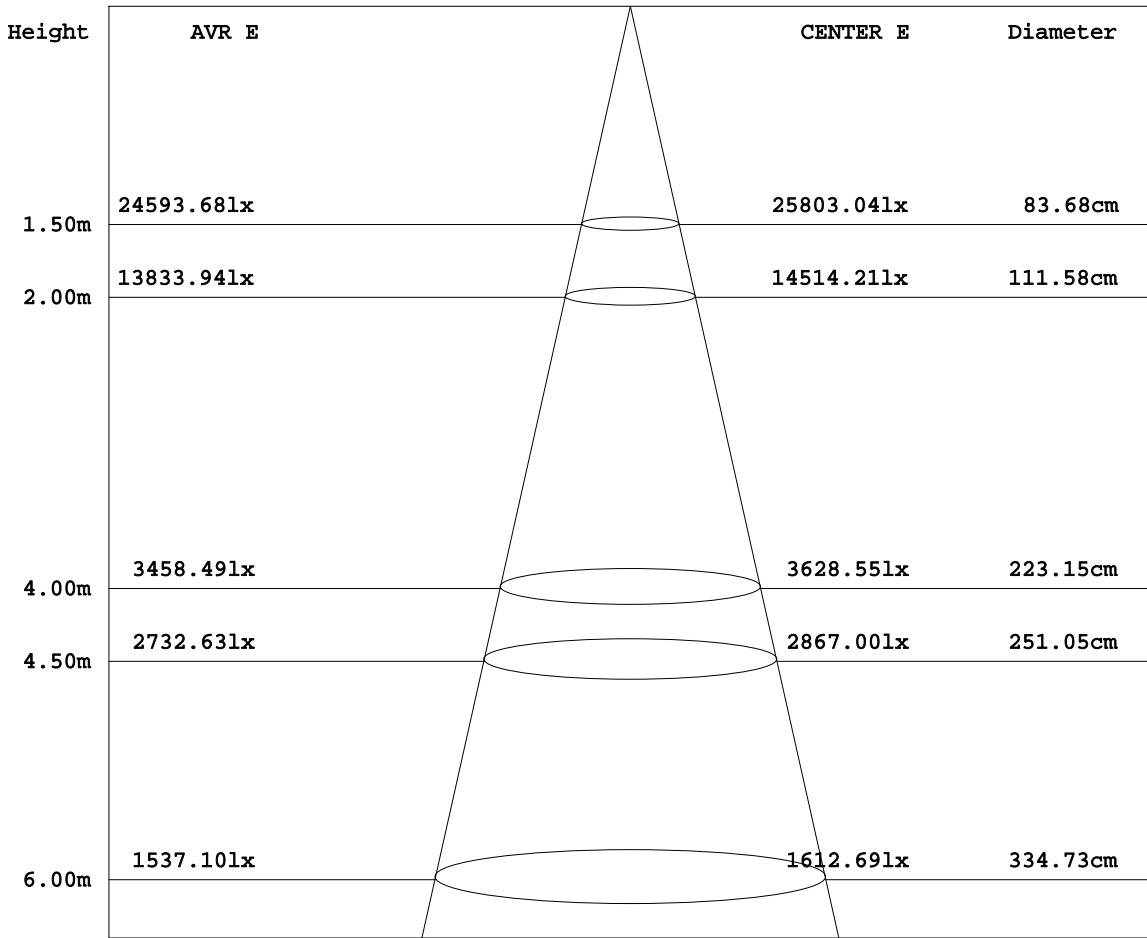
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-LV (50K)PLUS P50	TYPE:	WEIGHT:
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:



Angle:31.2deg

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:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-LV (50K)PLUS P50	TYPE:	WEIGHT:
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	558.1	523.8	519.6	543.6	591.8	636.9	645.7	610.1	0- 5	1380	1380
10.0	541.4	483.2	477.4	513.0	603.5	701.8	719.7	644.0	5- 10	4163	5543
15.0	517.2	460.1	462.4	482.1	602.7	756.1	785.7	665.6	10- 15	6982	12524
20.0	482.1	456.6	448.9	449.8	577.8	798.0	855.8	661.2	15- 20	9759	22284
25.0	433.0	420.8	389.3	411.2	526.5	815.7	925.7	625.5	20- 25	12188	34471
30.0	370.7	356.2	335.1	359.5	460.7	812.5	1047	563.6	25- 30	14025	48496
35.0	321.2	315.5	310.8	311.9	416.1	804.3	1237	492.6	30- 35	15666	64162
40.0	288.7	279.5	240.6	277.1	384.4	795.5	1455	438.9	35- 40	17410	81571
45.0	251.5	227.5	183.0	246.4	340.2	757.6	1627	393.3	40- 45	19023	100594
50.0	206.4	172.3	153.9	203.5	281.4	676.7	1691	331.4	45- 50	19831	120425
55.0	152.9	133.3	131.7	146.7	217.2	545.8	1646	260.9	50- 55	19447	139872
60.0	93.83	109.1	118.2	87.57	131.7	376.0	1147	190.3	55- 60	16735	156607
65.0	48.14	88.44	101.2	61.23	42.08	194.9	617.0	96.86	60- 65	10965	167572
70.0	31.69	62.92	79.79	46.95	29.61	51.34	262.0	38.43	65- 70	5765	173337
75.0	23.02	42.34	51.57	32.03	23.63	28.15	56.12	27.59	70- 75	2824	176161
80.0	17.56	28.56	31.81	19.79	14.01	20.10	27.36	19.15	75- 80	1644	177806
85.0	9.456	17.75	17.62	9.716	11.74	11.24	17.54	11.39	80- 85	1013	178819
90.0	3.596	8.023	7.674	4.101	4.280	6.983	7.527	8.115	85- 90	539.5	179358
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		

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:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

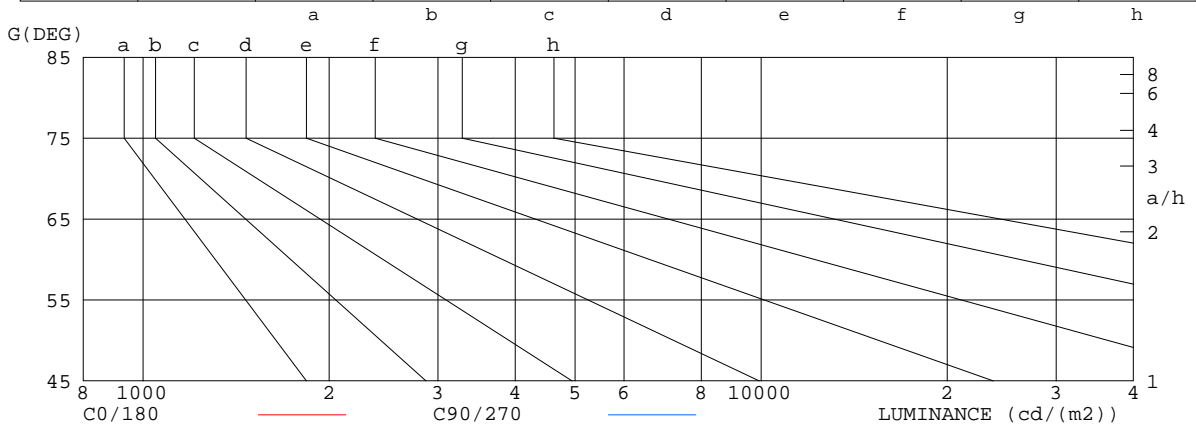
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-LV (50K)PLUS P50	TYPE:	WEIGHT:
SPECIFICATION:5000K P50	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(°)	C0/180	C90/270
85	109615	201360
80	102174	182384
75	89870	198374
70	93615	232275
65	115079	238607
60	189589	235364
55	269403	228733
50	324426	238506
45	359468	257681

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

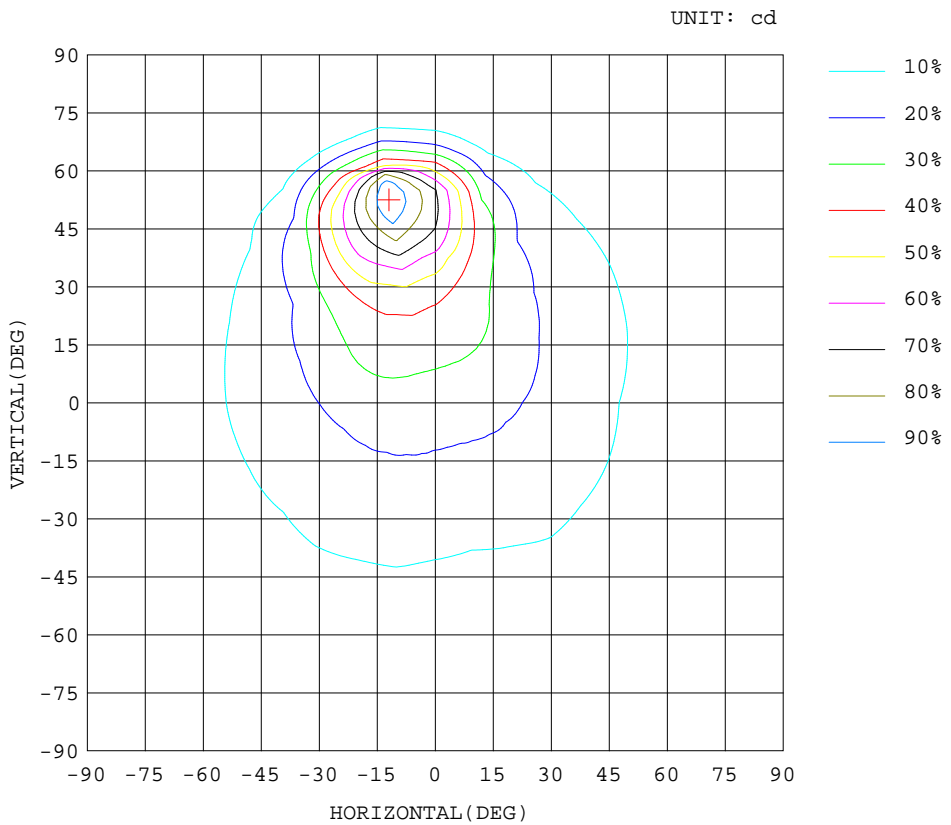
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-LV (50K)PLUS P50	TYPE:	WEIGHT:
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:



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: