

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

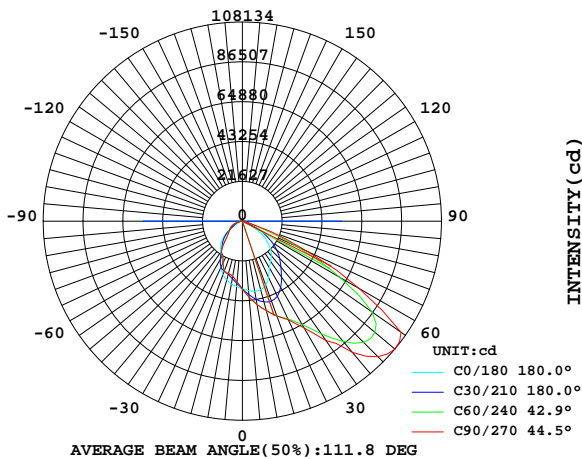
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

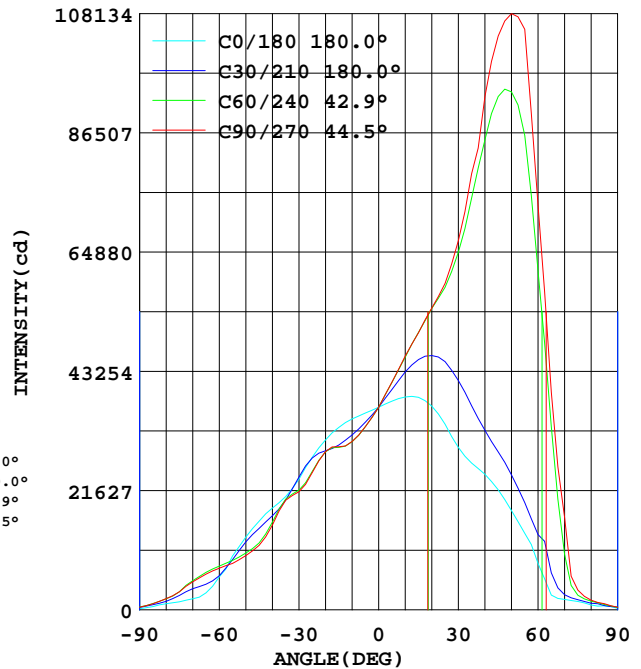
MANUFACTURER:	Address:		
NAME: LSHM-720W-LV (50K)PLUS P50	TYPE:	WEIGHT:	
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	149503	S/MH(C0/180)	1.03
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.94
NOMINAL POWER(W)	720	TOTAL FLUX(lm)	114723	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	160.1	Current(A)	3.431
NOMINAL FLUX(lm)	114723.0	η up(%)	0.0	Power(W)	716.5
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.969
TEST VOLTAGE(V)	220.7	Effective Flux(lm)	98685.6	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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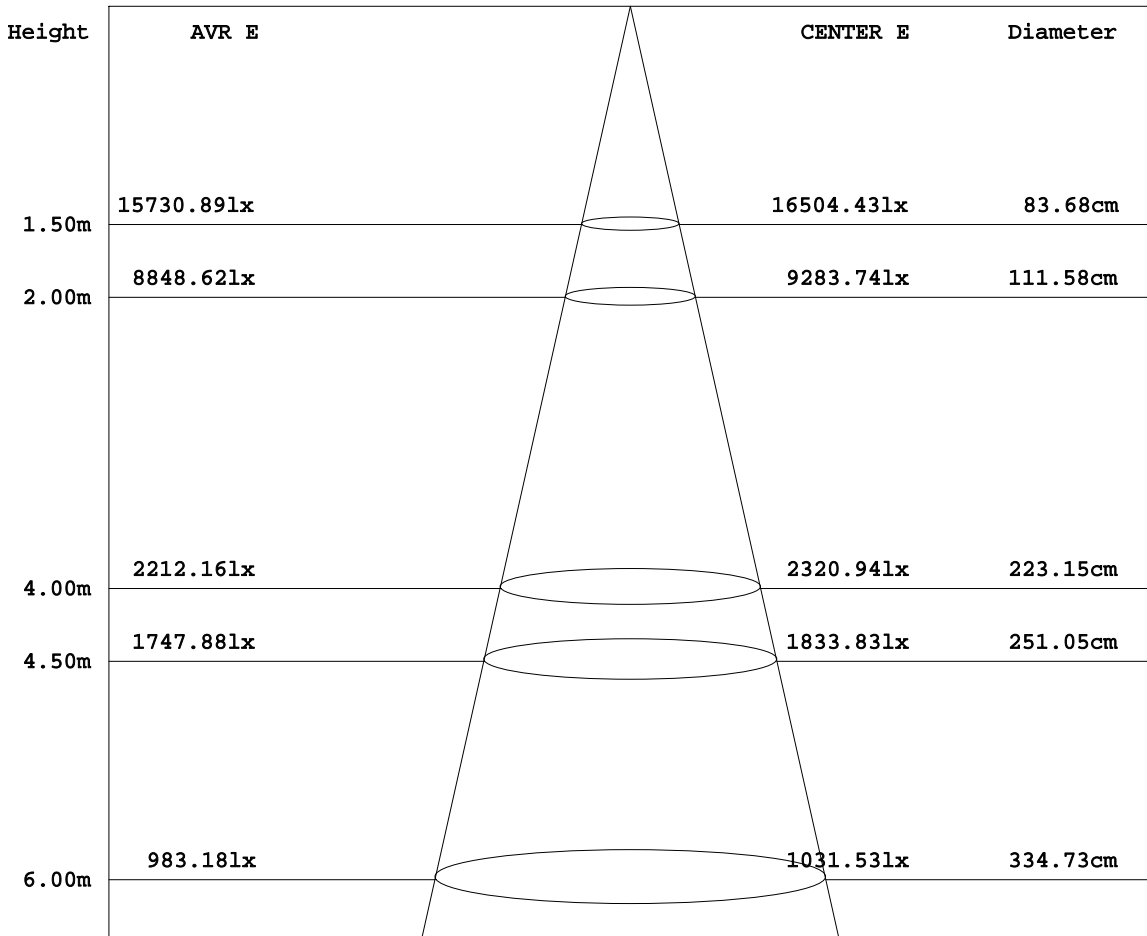
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Angle:31.2deg

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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	zone	total
5.0	357.0	335.0	332.3	347.7	378.5	407.4	413.0	390.2	0- 5	882.3	882.3
10.0	346.3	309.0	305.4	328.1	386.0	448.9	460.3	411.9	5- 10	2663	3545
15.0	330.8	294.3	295.8	308.4	385.5	483.6	502.5	425.7	10- 15	4466	8011
20.0	308.3	292.1	287.1	287.7	369.6	510.4	547.4	422.9	15- 20	6242	14253
25.0	277.0	269.2	249.0	263.0	336.8	521.8	592.1	400.1	20- 25	7796	22049
30.0	237.1	227.8	214.3	229.9	294.7	519.7	669.4	360.5	25- 30	8971	31020
35.0	205.5	201.8	198.8	199.5	266.1	514.4	791.2	315.0	30- 35	10020	41040
40.0	184.7	178.7	153.9	177.2	245.8	508.8	930.5	280.7	35- 40	11136	52176
45.0	160.9	145.5	117.0	157.6	217.6	484.5	1041	251.5	40- 45	12168	64343
50.0	132.0	110.2	98.50	130.2	180.0	432.8	1081	212.0	45- 50	12685	77028
55.0	97.83	85.31	84.29	93.85	138.9	349.1	1053	166.9	50- 55	12439	89467
60.0	60.01	69.80	75.61	56.01	84.27	240.5	733.8	121.7	55- 60	10704	100171
65.0	30.79	56.57	64.78	39.16	26.91	124.6	394.6	61.95	60- 65	7014	107184
70.0	20.27	40.25	51.04	30.03	18.94	32.84	167.6	24.58	65- 70	3687	110872
75.0	14.72	27.08	32.98	20.48	15.11	18.01	35.90	17.65	70- 75	1807	112678
80.0	11.23	18.26	20.34	12.66	8.964	12.86	17.50	12.25	75- 80	1052	113730
85.0	6.048	11.35	11.27	6.214	7.514	7.193	11.22	7.289	80- 85	647.8	114378
90.0	2.300	5.132	4.908	2.623	2.738	4.466	4.814	5.191	85- 90	345.1	114723
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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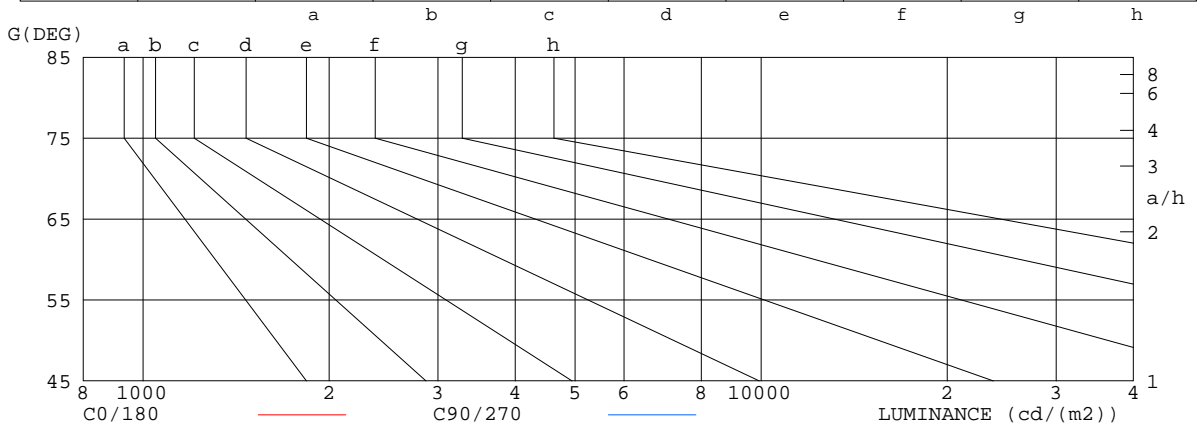
LUMINANCE LIMITATION CURVES

Report number:

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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	70113	128796
80	65354	116659
75	57484	126886
70	59879	148570
65	73608	152621
60	121267	150546
55	172318	146305
50	207513	152556
45	229927	164821

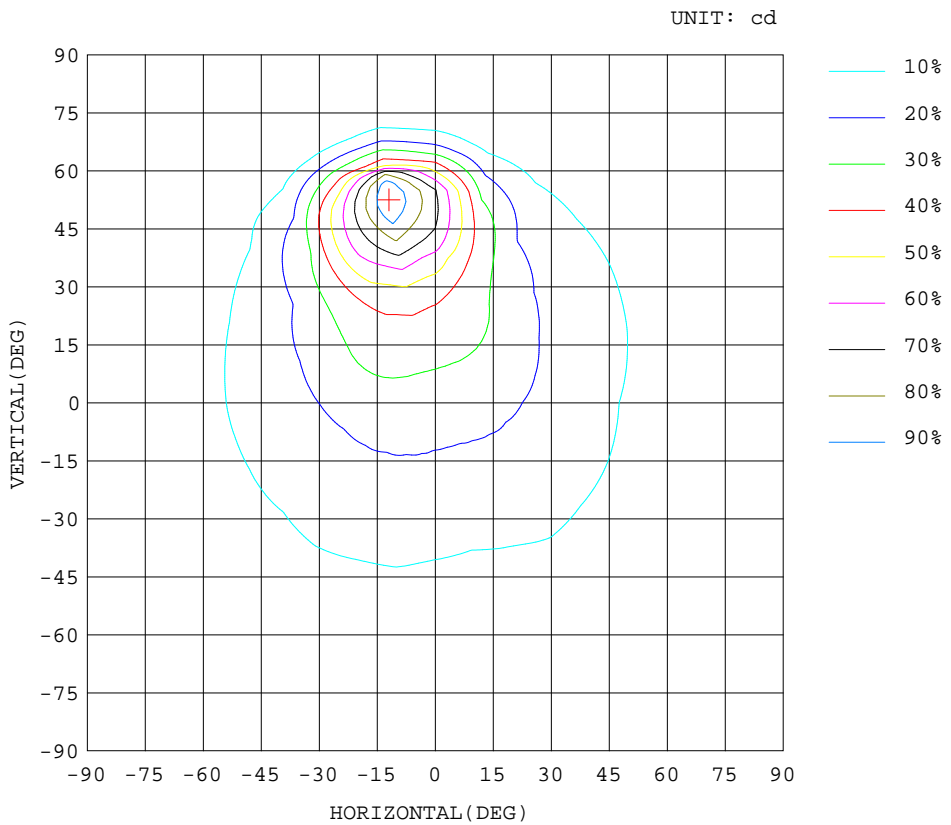
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ISOCANDELA DIAGRAM

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