

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

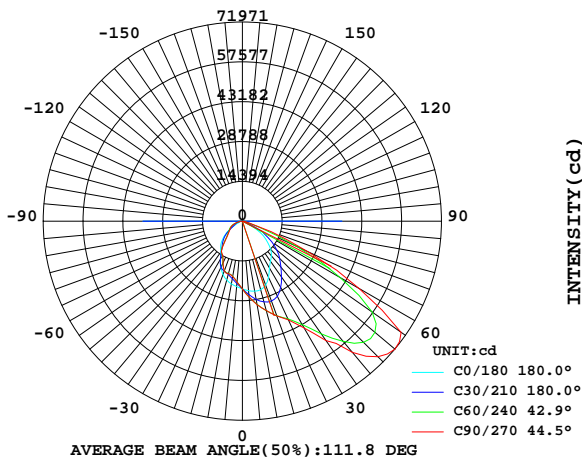
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

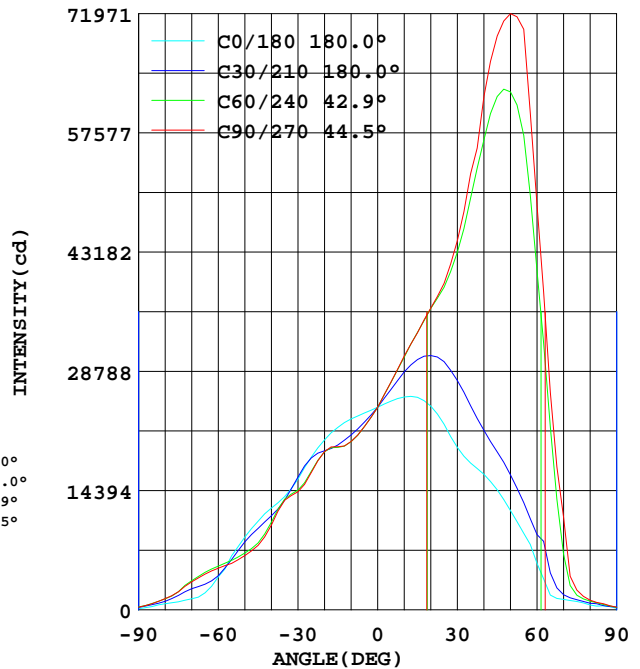
MANUFACTURER:	Address:		
NAME: LSHM-480W-LV (50K)PLUS P50	TYPE:	WEIGHT:	
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	99504	S/MH(C0/180)	1.03
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.94
NOMINAL POWER(W)	480	TOTAL FLUX(lm)	76356	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	159.7	Current(A)	2.331
NOMINAL FLUX(lm)	76356.0	η up(%)	0.0	Power(W)	478.1
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.969
TEST VOLTAGE(V)	220.7	Effective Flux(lm)	65682.0	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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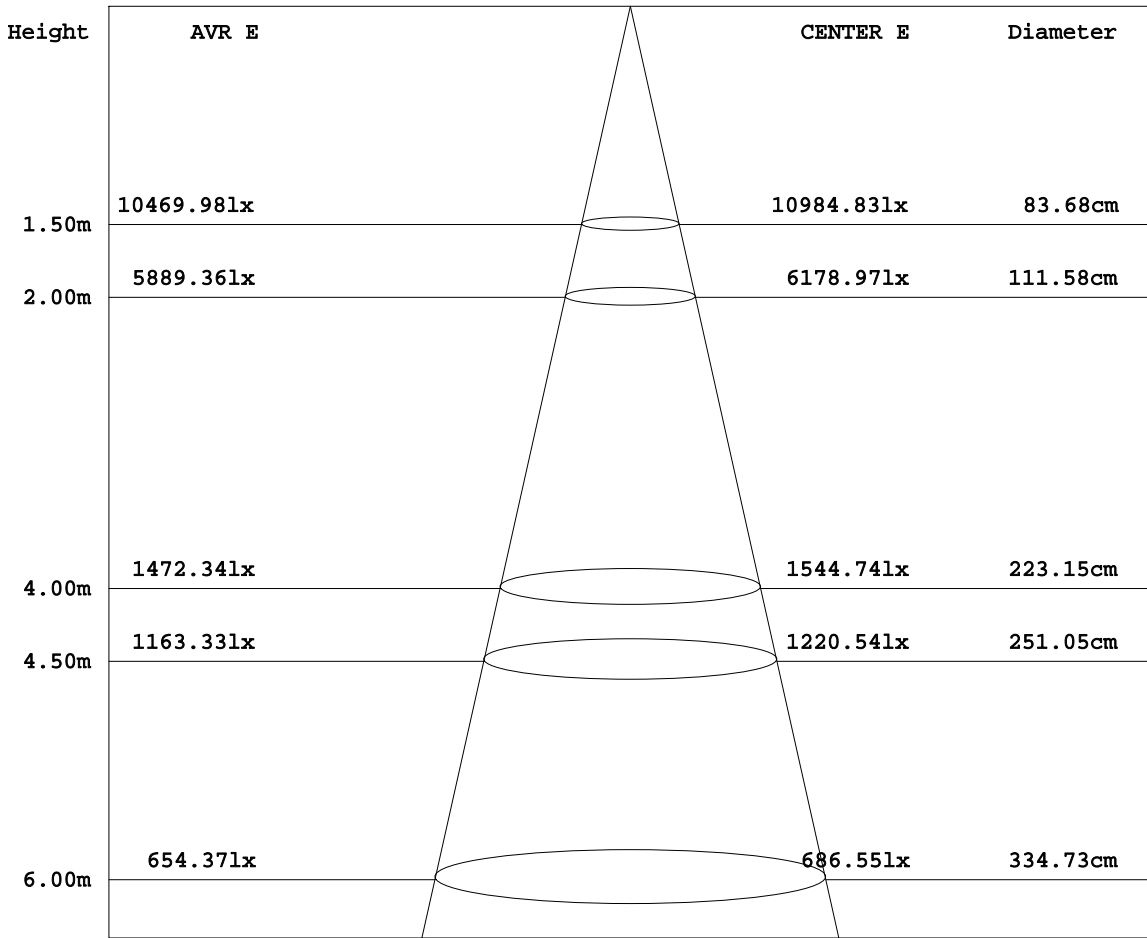
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AVERAGE AND CENTER E Figure

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Angle:31.2deg

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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	One	total
5.0	2376	2230	2212	2315	2520	2712	2749	2597	0- 5	587.2	587.2
10.0	2305	2057	2033	2184	2569	2988	3064	2742	5- 10	1772	2360
15.0	2202	1959	1969	2053	2566	3219	3345	2834	10- 15	2972	5332
20.0	2052	1944	1911	1915	2460	3397	3643	2815	15- 20	4155	9486
25.0	1844	1792	1657	1751	2242	3473	3941	2663	20- 25	5189	14675
30.0	1578	1517	1427	1531	1962	3459	4456	2400	25- 30	5971	20646
35.0	1368	1343	1323	1328	1771	3424	5266	2097	30- 35	6669	27315
40.0	1229	1190	1024	1180	1637	3387	6194	1869	35- 40	7412	34726
45.0	1071	968.8	779.1	1049	1449	3225	6926	1674	40- 45	8098	42825
50.0	878.7	733.8	655.5	866.6	1198	2881	7197	1411	45- 50	8442	51267
55.0	651.1	567.8	561.0	624.6	924.7	2324	7006	1111	50- 55	8279	59546
60.0	399.4	464.5	503.2	372.8	560.8	1601	4884	810.5	55- 60	7124	66671
65.0	204.9	376.5	431.2	260.6	179.1	829.8	2627	412.3	60- 65	4668	71338
70.0	134.9	267.8	339.7	199.9	126.0	218.6	1116	163.6	65- 70	2454	73793
75.0	98.01	180.2	219.5	136.3	100.6	119.8	238.9	117.4	70- 75	1202	74995
80.0	74.76	121.5	135.4	84.28	59.66	85.59	116.5	81.53	75- 80	700.0	75695
85.0	40.25	75.57	75.04	41.36	50.01	47.87	74.70	48.51	80- 85	431.1	76126
90.0	15.31	34.15	32.67	17.46	18.22	29.72	32.04	34.55	85- 90	229.7	76356
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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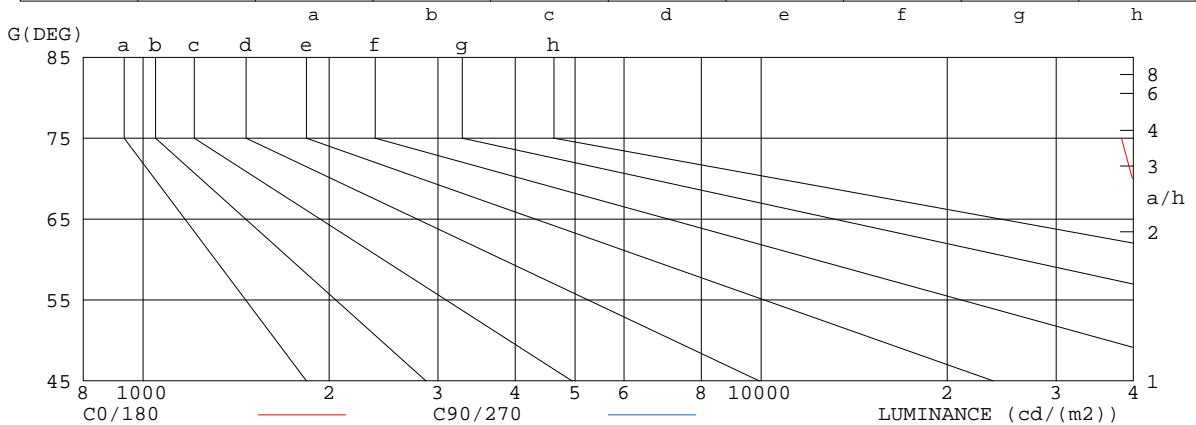
LUMINANCE LIMITATION CURVES

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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(°)	C0/180	C90/270
85	46665	85723
80	43497	77644
75	38259	84451
70	39854	98884
65	48991	101579
60	80711	100199
55	114690	97376
50	138114	101536
45	153032	109700

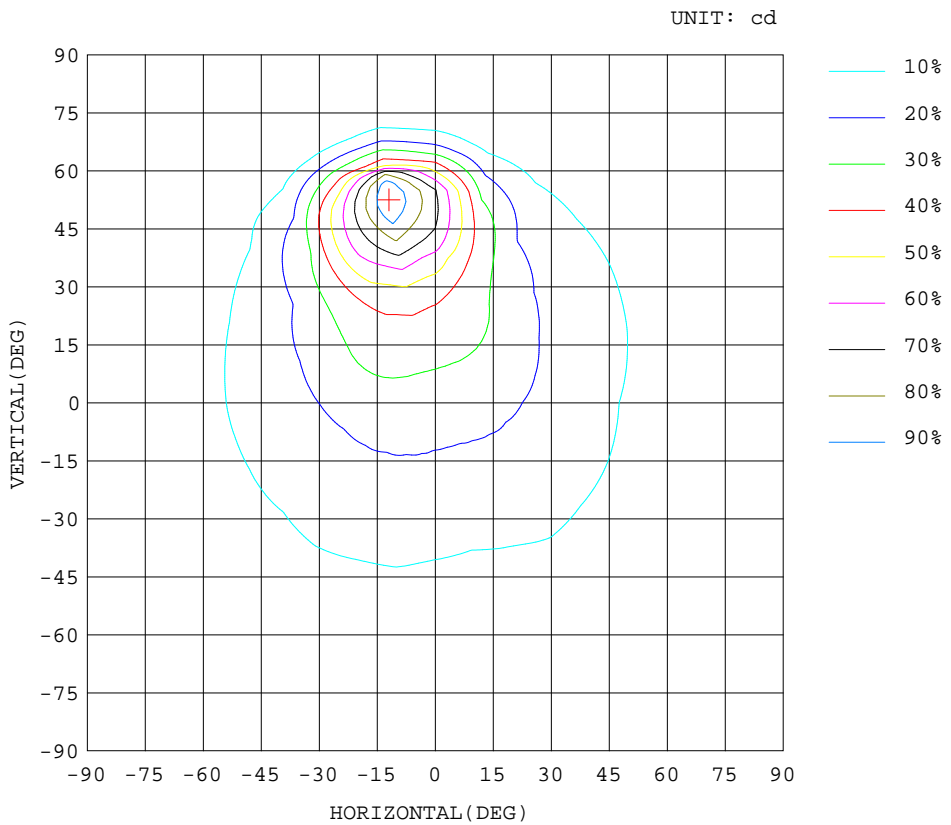
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ISOCANDELA DIAGRAM

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