

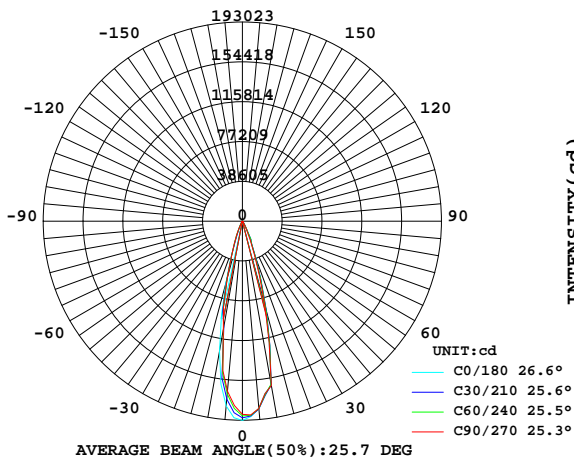
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

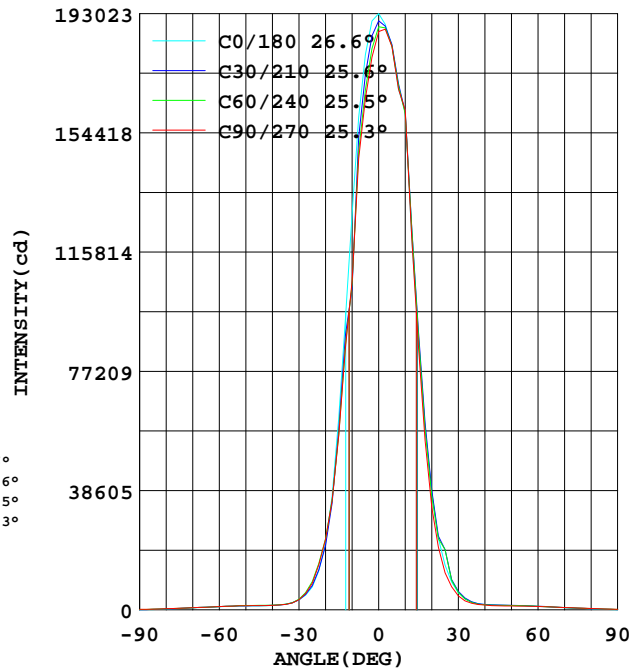
MANUFACTURER:	Address:	
NAME: LSHM-300W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	193023	S/MH(C0/180)	0.40
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.38
NOMINAL POWER(W)	300	TOTAL FLUX(lm)	47058	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	156.4	Current(A)	1.398
NOMINAL FLUX(lm)	47057.7	η up(%)	0.0	Power(W)	300.7
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.985
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	37702.8	EI	0.109

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:01-09-2020

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:	
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SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

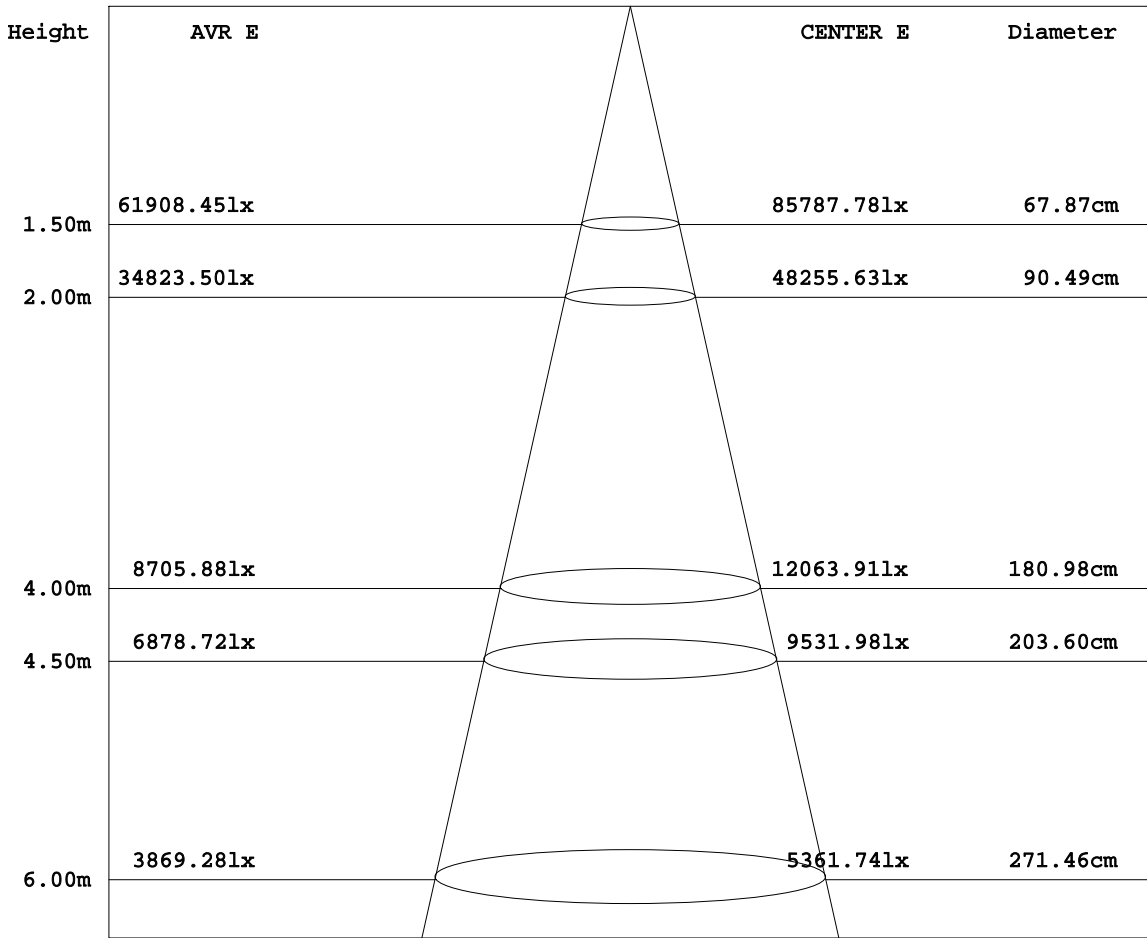
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:01-09-2020

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-300W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:



Angle:25.5deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:01-09-2020

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-300W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	one	total
5.0	1798	1702	1655	1663	1824	1830	1823	1827	0- 5	4351	4351
10.0	1281	1191	1065	1219	1615	1519	1618	1450	5- 10	11165	15516
15.0	625.4	573.1	567.5	666.0	870.8	906.8	850.4	816.0	10- 15	11966	27482
20.0	215.0	218.5	228.7	297.9	379.1	389.4	332.2	335.8	15- 20	8025	35507
25.0	74.48	86.40	86.45	130.3	144.5	159.2	120.1	130.1	20- 25	4118	39625
30.0	32.32	34.37	33.13	54.08	54.89	63.18	45.06	52.12	25- 30	1931	41555
35.0	18.57	18.09	18.11	25.68	25.39	26.72	21.45	24.52	30- 35	932.0	42487
40.0	14.23	15.38	14.61	18.66	17.13	17.40	15.58	16.54	35- 40	614.6	43102
45.0	12.85	14.67	13.57	16.99	14.77	15.99	13.05	14.66	40- 45	560.2	43662
50.0	12.36	13.98	13.33	15.57	13.92	15.30	12.51	13.90	45- 50	570.8	44233
55.0	11.47	12.72	12.20	13.52	12.98	13.94	12.10	12.76	50- 55	575.8	44809
60.0	10.17	10.85	10.62	11.34	11.23	11.99	10.95	11.22	55- 60	546.7	45356
65.0	8.376	8.904	8.714	9.173	9.245	10.05	9.383	9.459	60- 65	487.7	45844
70.0	6.546	7.032	6.969	7.202	7.182	7.919	7.607	7.468	65- 70	409.2	46253
75.0	4.578	5.080	5.323	5.251	5.087	5.787	5.960	5.599	70- 75	323.1	46576
80.0	2.749	3.293	3.776	3.462	3.298	4.152	4.479	4.106	75- 80	238.3	46814
85.0	0.874	1.885	2.470	2.012	1.738	2.676	2.960	2.621	80- 85	157.9	46972
90.0	0.468	0.987	1.662	1.020	0.467	1.170	1.718	1.136	85- 90	85.48	47058
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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Temperature:25.3DEG
Operators:
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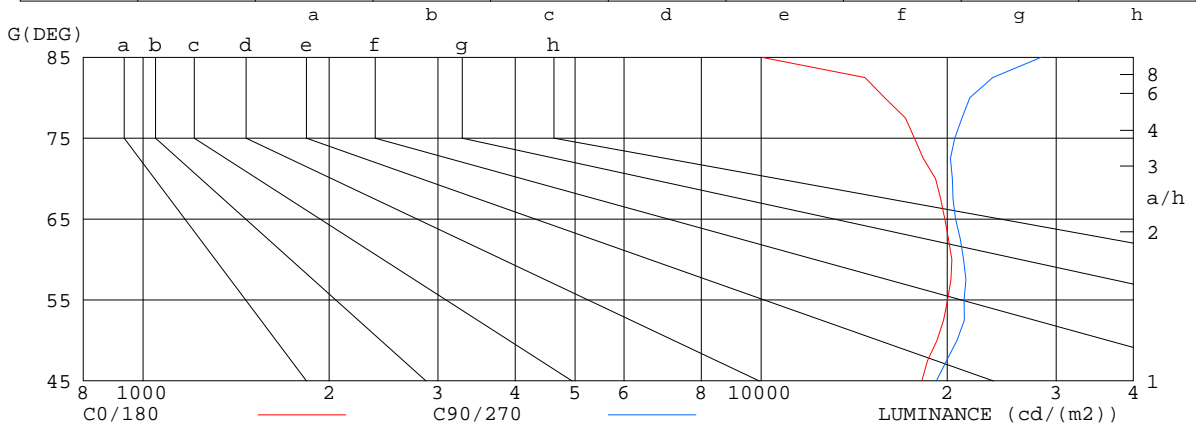
LUMINANCE LIMITATION CURVES

Report number:

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NAME: LSHM-300W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	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(DEG)	C0/180	C90/270
85	10031	28347
80	15835	21749
75	17690	20568
70	19139	20377
65	19821	20620
60	20342	21249
55	20015	21280
50	19243	20738
45	18182	19198

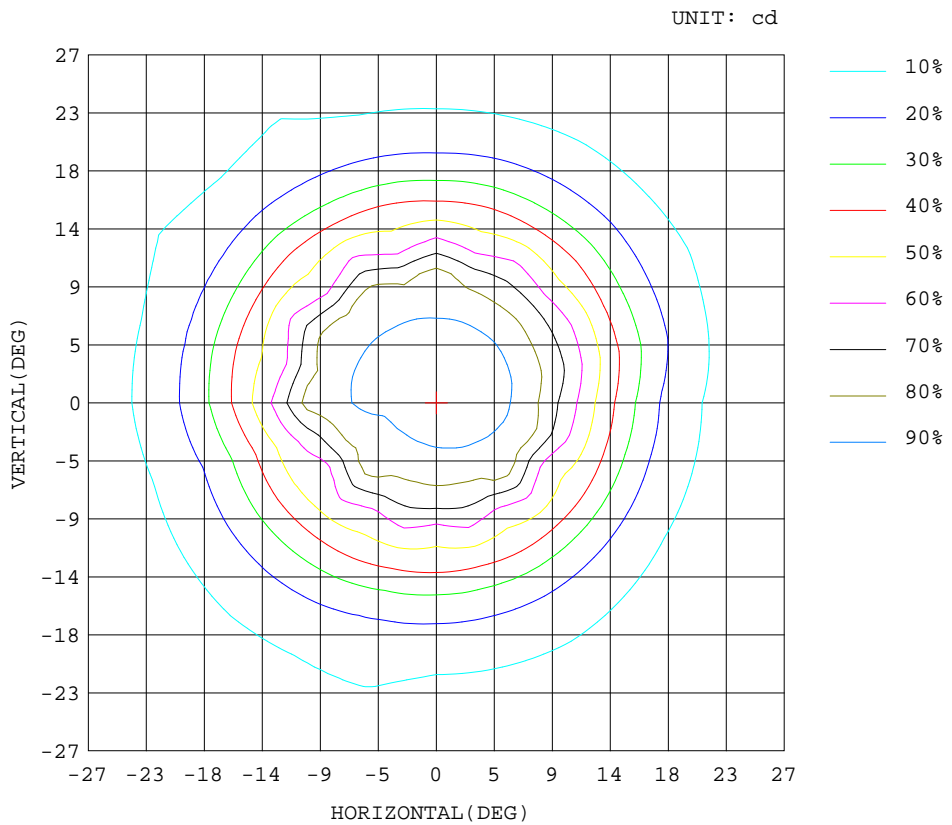
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ISOCANDELA DIAGRAM

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