

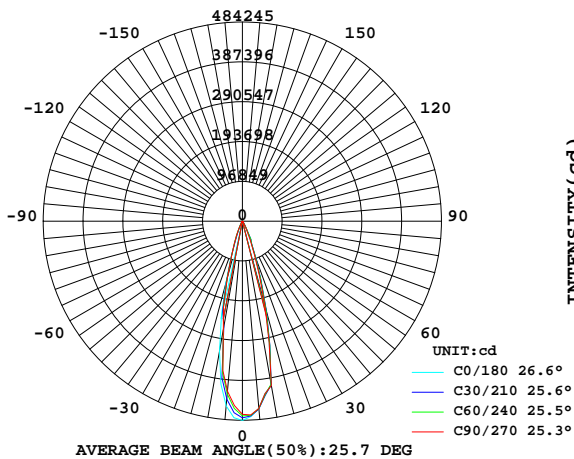
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

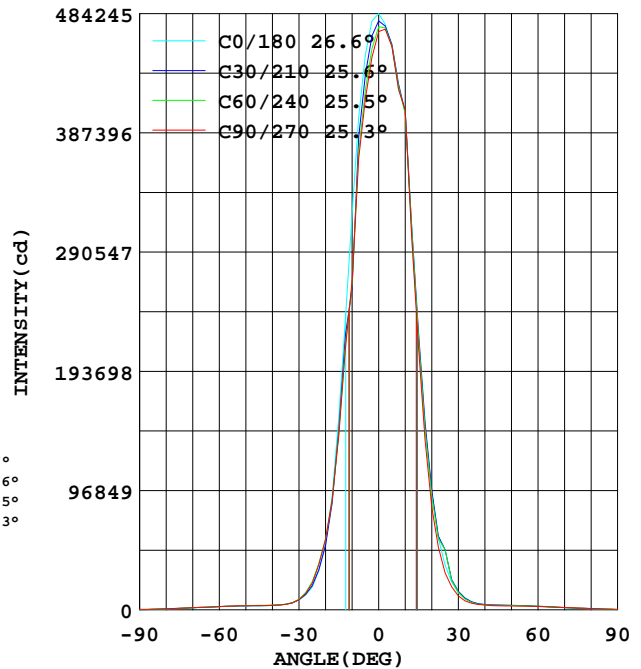
MANUFACTURER:	Address:		
NAME: LSHM-720W-LV (50K)PLUS 20	TYPE:	WEIGHT:	
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	484245	S/MH(C0/180)	0.40
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.38
NOMINAL POWER(W)	720	TOTAL FLUX(lm)	118056	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	165.0	Current(A)	3.468
NOMINAL FLUX(lm)	118056.0	η up(%)	0.0	Power(W)	715.5
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.985
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	94587.0	EI	0.103

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:	
NAME: LSHM-720W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

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

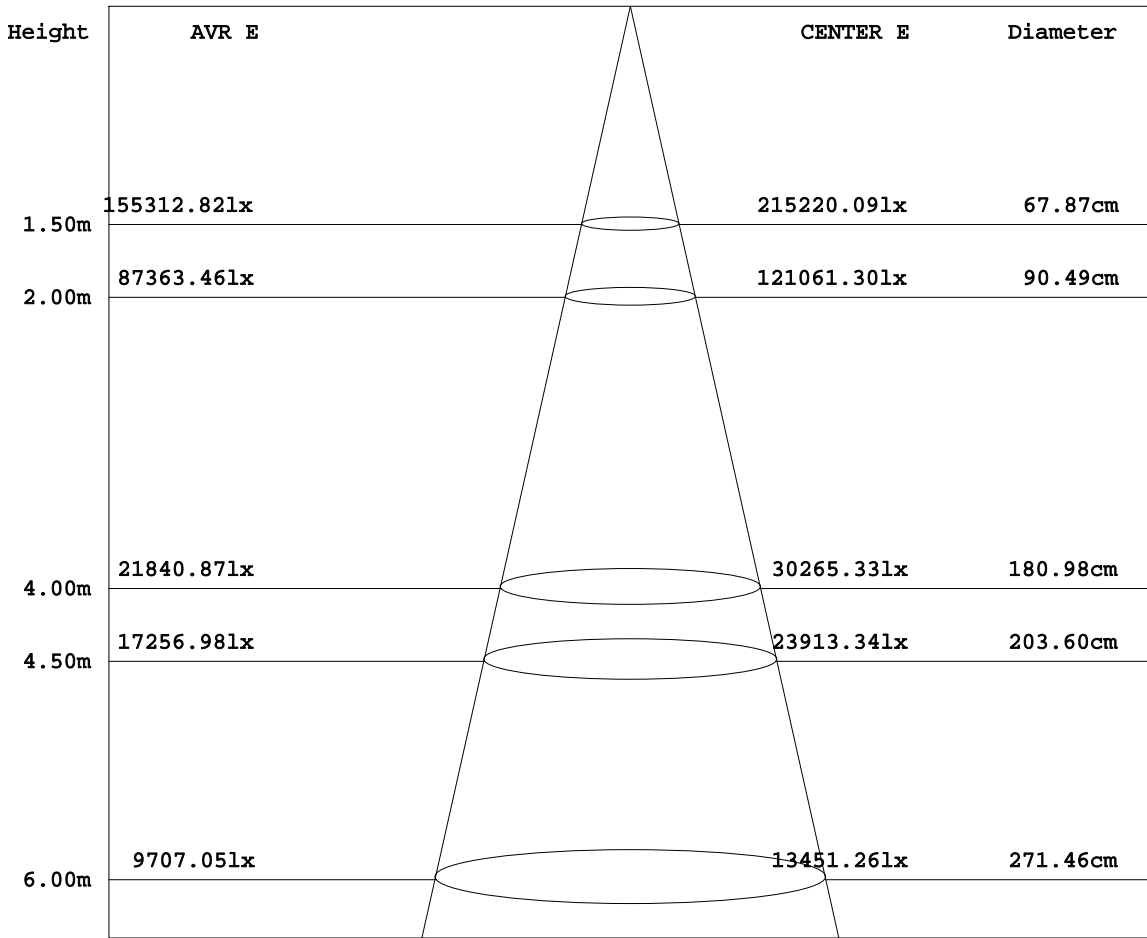
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-720W-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-720W-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	4510	4270	4152	4172	4575	4591	4574	4583	0- 5	10915	10915
10.0	3215	2987	2671	3058	4052	3812	4058	3638	5- 10	28011	38925
15.0	1569	1438	1424	1671	2185	2275	2134	2047	10- 15	30020	68945
20.0	539.4	548.3	573.9	747.4	951.2	977.1	833.6	842.4	15- 20	20133	89078
25.0	186.8	216.7	216.8	327.1	362.6	399.6	301.3	326.4	20- 25	10331	99409
30.0	81.10	86.22	83.12	135.6	137.7	158.5	113.0	130.7	25- 30	4844	104252
35.0	46.60	45.40	45.45	64.44	63.70	67.05	53.83	61.53	30- 35	2338	106590
40.0	35.71	38.60	36.66	46.81	42.98	43.66	39.09	41.49	35- 40	1542	108132
45.0	32.25	36.80	34.05	42.63	37.05	40.13	32.73	36.79	40- 45	1406	109538
50.0	31.03	35.08	33.44	39.07	34.94	38.39	31.39	34.88	45- 50	1432	110970
55.0	28.80	31.92	30.62	33.92	32.57	34.98	30.35	32.02	50- 55	1445	112415
60.0	25.51	27.23	26.65	28.46	28.19	30.08	27.47	28.16	55- 60	1372	113786
65.0	21.01	22.33	21.86	23.01	23.19	25.22	23.54	23.73	60- 65	1224	115010
70.0	16.42	17.64	17.48	18.06	18.01	19.86	19.08	18.73	65- 70	1027	116037
75.0	11.48	12.74	13.35	13.17	12.76	14.51	14.95	14.04	70- 75	810.7	116848
80.0	6.898	8.263	9.474	8.685	8.276	10.41	11.23	10.30	75- 80	597.8	117445
85.0	2.193	4.729	6.198	5.049	4.360	6.713	7.427	6.575	80- 85	396.1	117842
90.0	1.174	2.475	4.169	2.559	1.171	2.936	4.312	2.851	85- 90	214.4	118056
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: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

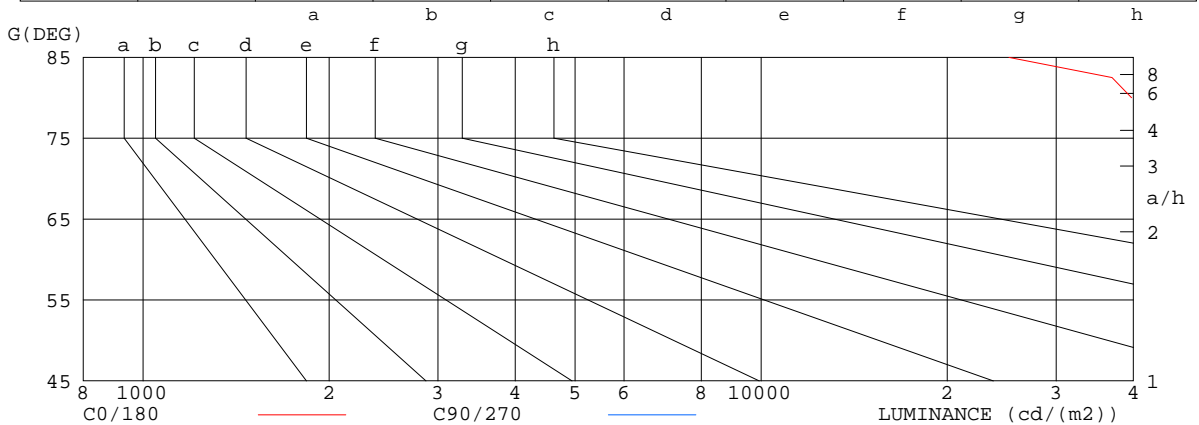
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-720W-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	25166	71116
80	39727	54564
75	44380	51600
70	48016	51121
65	49726	51730
60	51032	53310
55	50212	53386
50	48275	52028
45	45613	48164

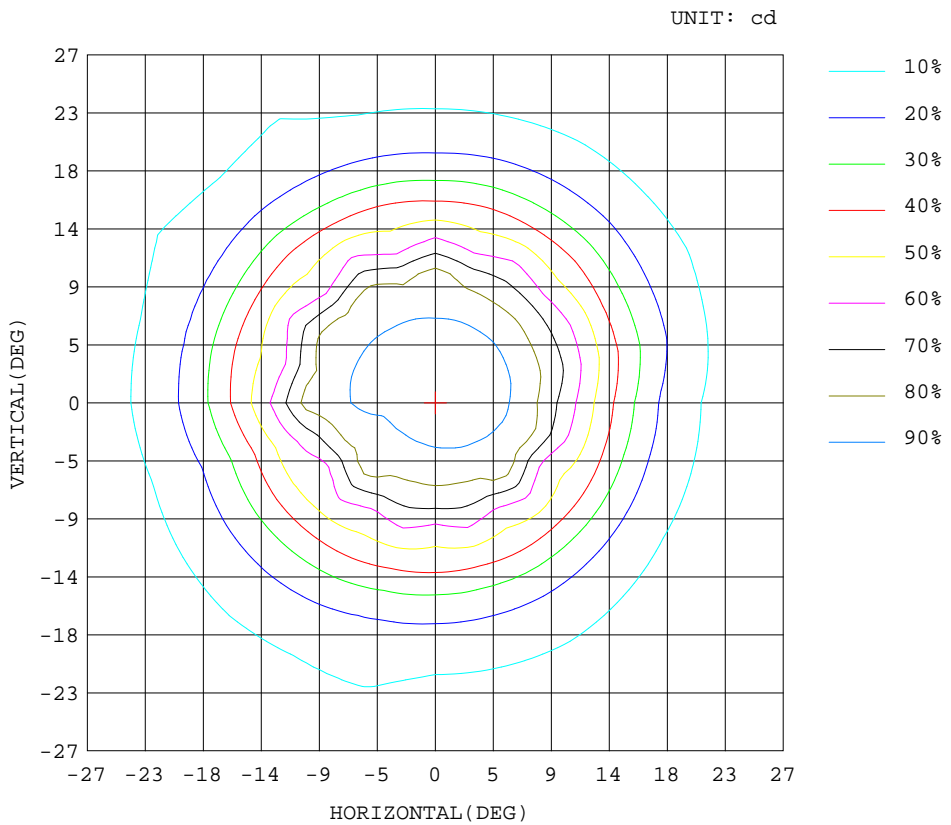
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:01-09-2020

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-720W-LV (50K)PLUS 20	TYPE:	WEIGHT:
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: