

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

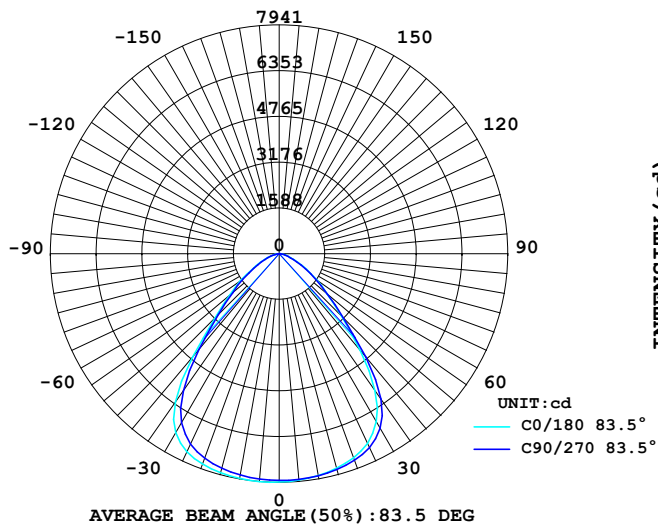
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

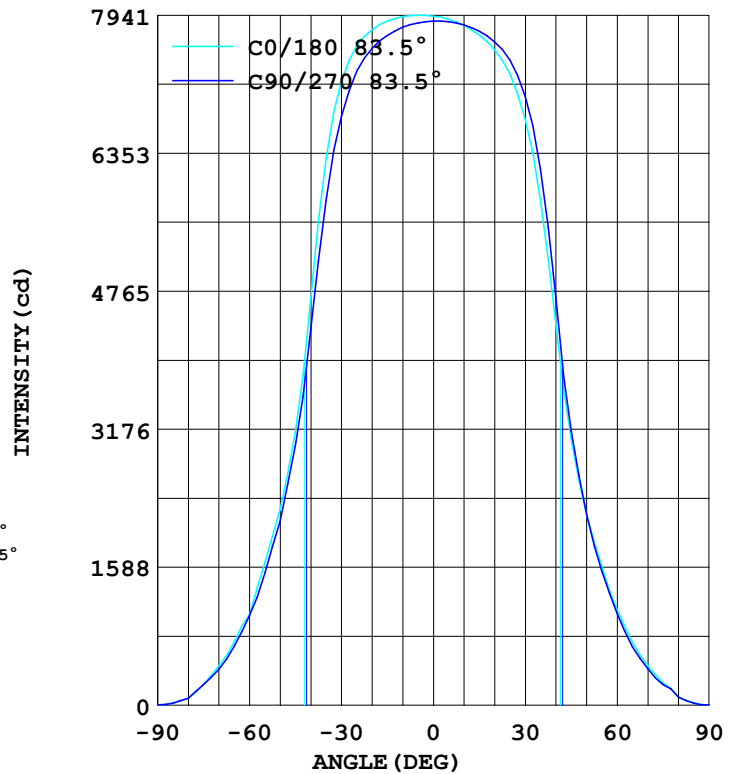
MANUFACTURER:		
Address:		
NAME: LSUFO-100WXY-LVS (50K)	TYPE:	WEIGHT:
SPECIFICATION: 5000K 90°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	7941	S/MH (C0/180)	1.21
MODEL	2835	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER (W)	100	TOTAL FLUX (lm)	14919	Voltage (V)	220.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	148.3	Current (A)	0.471
NOMINAL FLUX (lm)	14919.0	η up (%)	0.0	Power (W)	100.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.968
TEST VOLTAGE (V)	220.4	Effective Flux (lm)	14240.9	EET	0.096

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-26-2018

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: LSUFO-100WXY-LVS (50K)	TYPE:	WEIGHT:
SPECIFICATION: 5000K 90°	DIMENSION:	SERIAL No. :

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2018

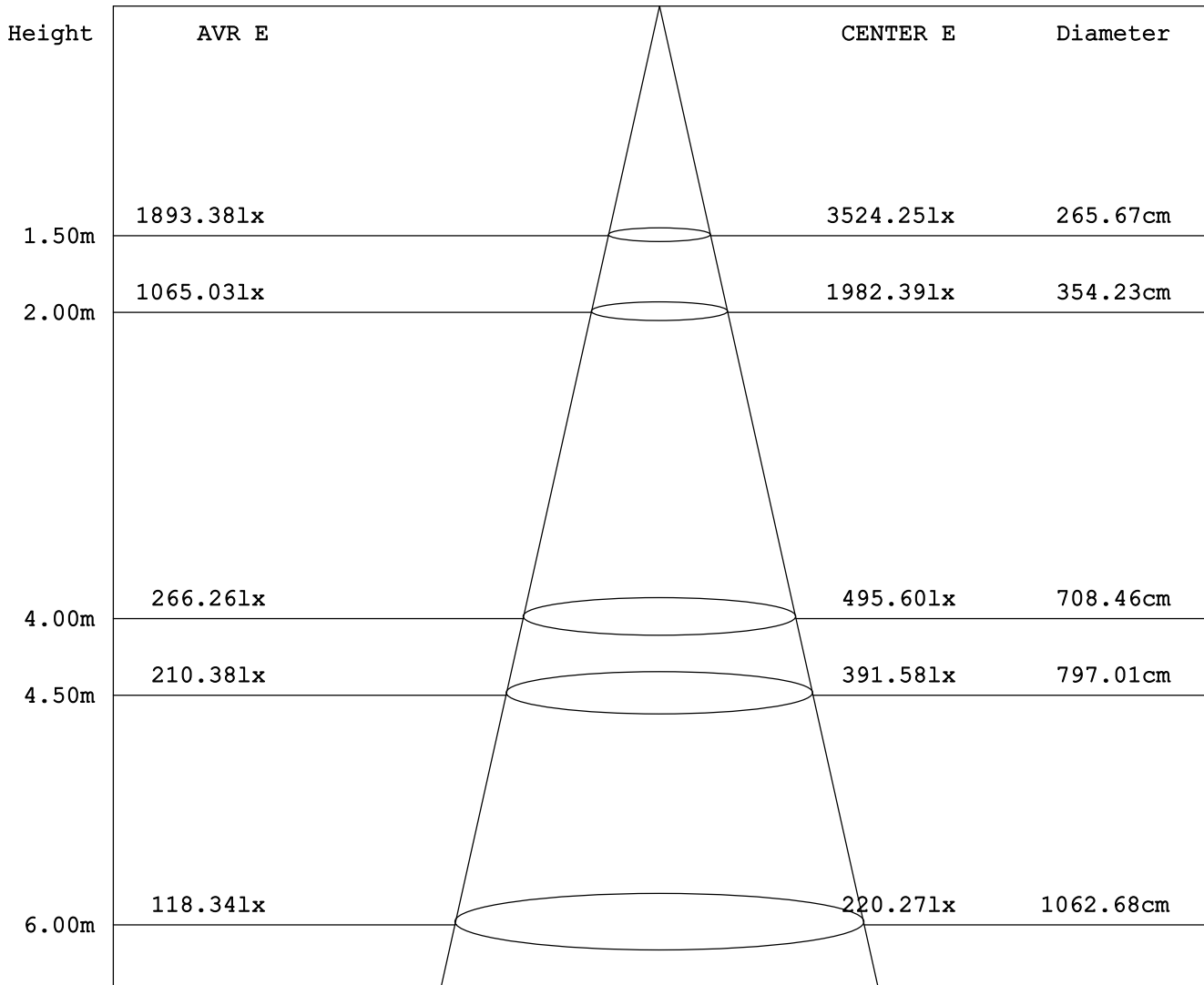
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: LSUFO-100WXY-LVS (50K)	TYPE:	WEIGHT:
SPECIFICATION: 5000K 90°	DIMENSION:	SERIAL No.:



Angle:83.1deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-26-2018

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: LSUFO-100WXY-LVS (50K)	TYPE:	WEIGHT:
SPECIFICATION: 5000K 90°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	7941	7901	7851	7809	7891	7874	7866	7856	0- 5	188.4	188.4
10.0	7924	7873	7802	7738	7825	7818	7830	7838	5- 10	561.8	750.2
15.0	7872	7804	7708	7622	7710	7721	7756	7789	10- 15	924.1	1674
20.0	7773	7692	7559	7453	7544	7576	7634	7693	15- 20	1266	2941
25.0	7592	7472	7298	7143	7268	7323	7427	7516	20- 25	1574	4515
30.0	7175	7011	6775	6568	6743	6866	7006	7157	25- 30	1812	6327
35.0	6289	6140	5809	5596	5805	5968	6160	6369	30- 35	1913	8240
40.0	4671	4501	4322	4100	4386	4437	4692	4834	35- 40	1764	10005
45.0	3146	3117	2990	2891	3064	3108	3153	3279	40- 45	1384	11388
50.0	2249	2228	2113	2042	2189	2288	2197	2312	45- 50	1060	12448
55.0	1645	1583	1521	1572	1605	1665	1549	1637	50- 55	821.9	13270
60.0	1041	1114	1037	1025	1104	1036	1061	1044	55- 60	610.0	13880
65.0	728.4	700.8	679.7	665.8	722.1	762.2	673.0	749.4	60- 65	430.5	14311
70.0	454.5	434.9	413.8	420.3	458.7	475.2	422.3	471.6	65- 70	288.9	14600
75.0	239.8	252.7	237.3	249.4	257.1	287.1	238.5	281.0	70- 75	180.7	14780
80.0	81.68	92.94	80.98	94.63	94.83	123.3	92.86	116.9	75- 80	96.75	14877
85.0	25.73	25.58	25.30	28.44	27.85	44.09	23.93	39.82	80- 85	33.69	14911
90.0	6.866	3.962	6.944	4.041	6.277	8.592	3.805	7.925	85- 90	8.144	14919
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:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-26-2018

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

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

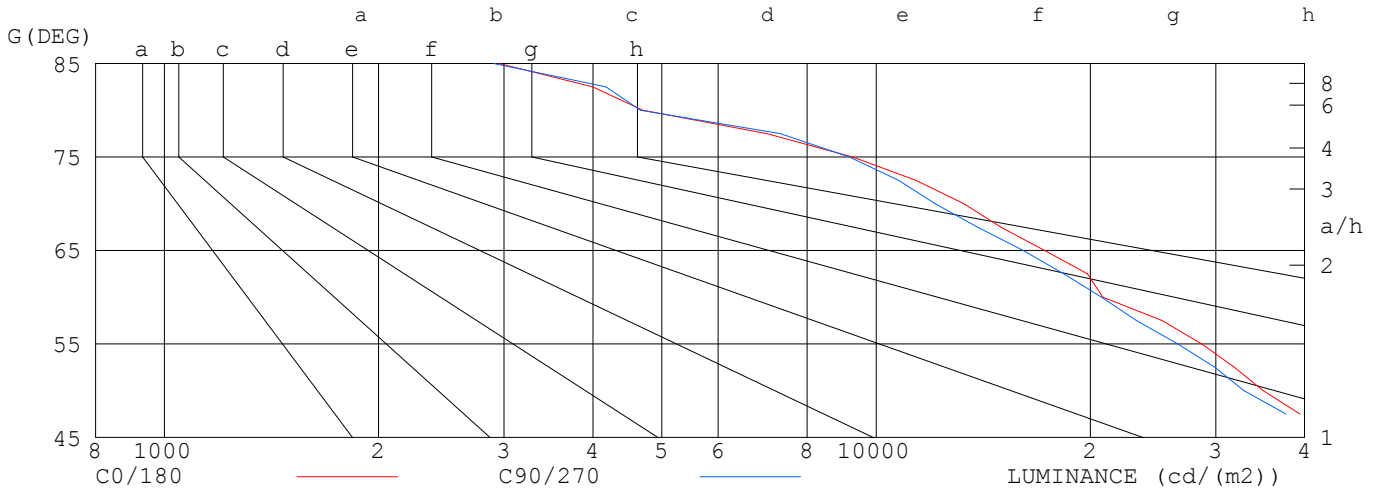
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: LSUFO-100WXY-LVS (50K)	TYPE:	WEIGHT:
SPECIFICATION: 5000K 90°	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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



G (DEG)	LUMINANCE cd/(m2)	
	C0/180	C90/270
85	2953	2904
80	4704	4663
75	9267	9170
70	13291	12099
65	17237	16085
60	20815	20747
55	28678	26524
50	34992	32876
45	44497	42284

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-26-2018

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

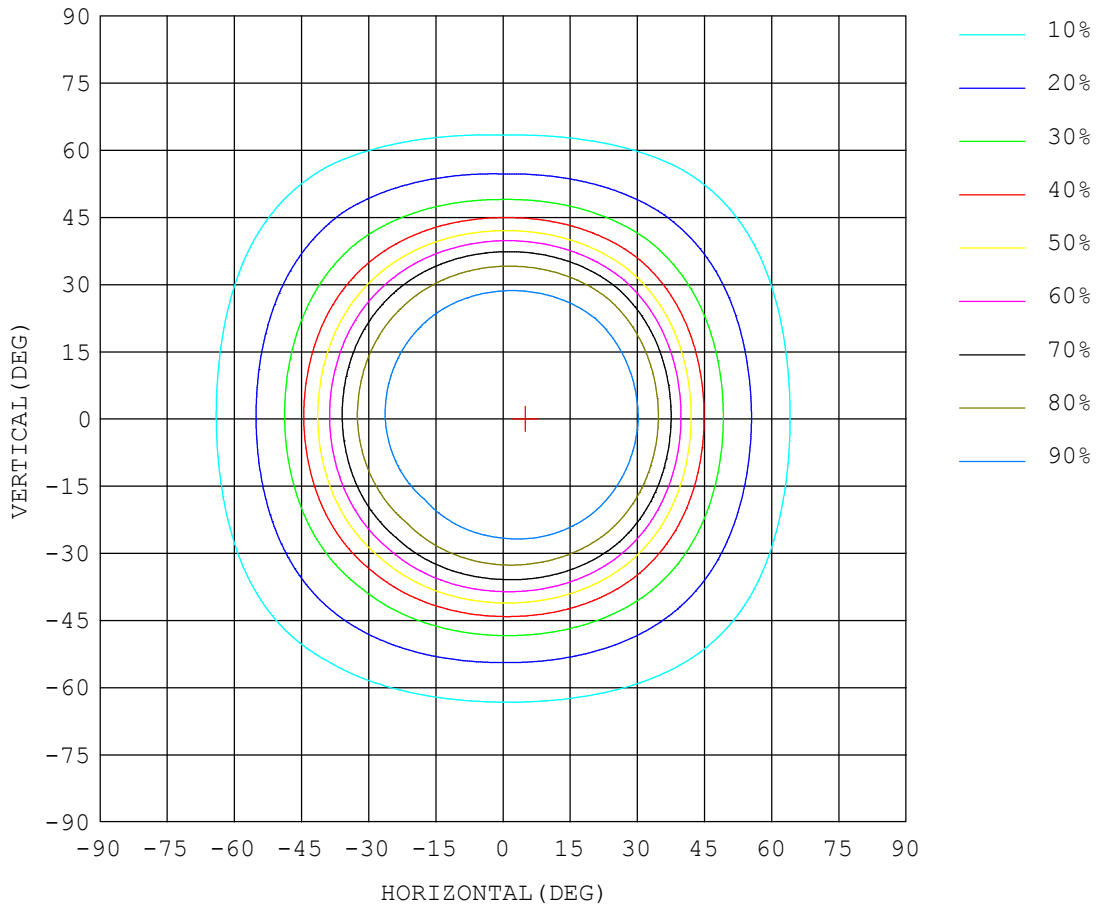
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSUFO-100WXY-LVS (50K)	TYPE:	WEIGHT:
SPECIFICATION: 5000K 90°	DIMENSION:	SERIAL No.:

UNIT: cd



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-26-2018

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