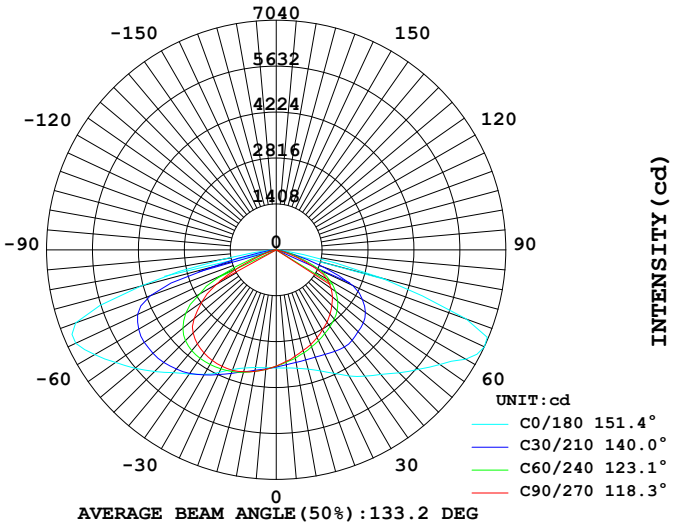
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-100W(30K)T2	TYPE: 3000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

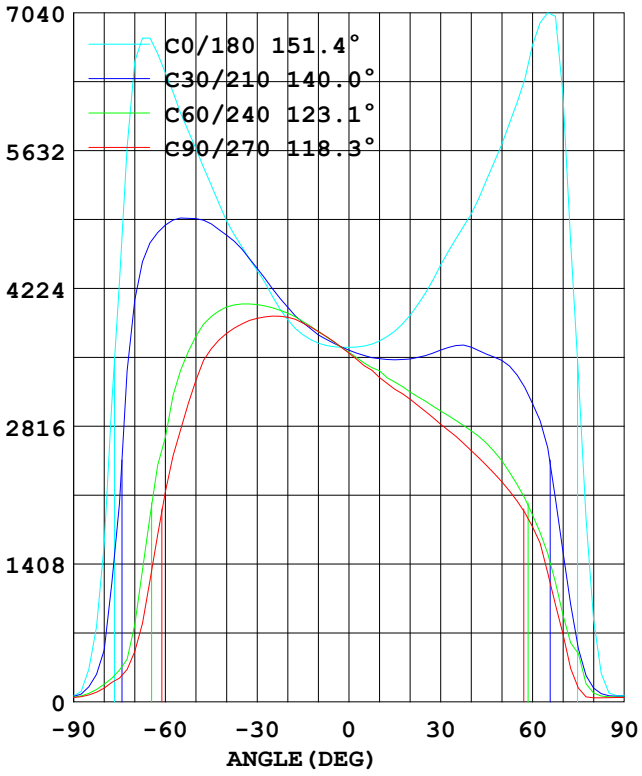
DATA OF LAMP		Imax(cd)	7040	S/MH(C0/180)	2.06
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.62
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	19470	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	165	Current(A)	0.546
NOMINAL FLUX(lm)	19470	η up(%)	0.0	Power(W)	117.9
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.980
TEST VOLTAGE(V)	220.4	Effictive Flux(lm)	19399.1	EEI	0.086

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):133.2 DEG

LUMINOUS INTENSITY DISTRIBUTION



Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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: LSPSL-100W(30K)T2	**TYPE: 3000K**	**WEIGHT:**
SPECIFICATION:	**DIMENSION:**	**SERIAL No.:**

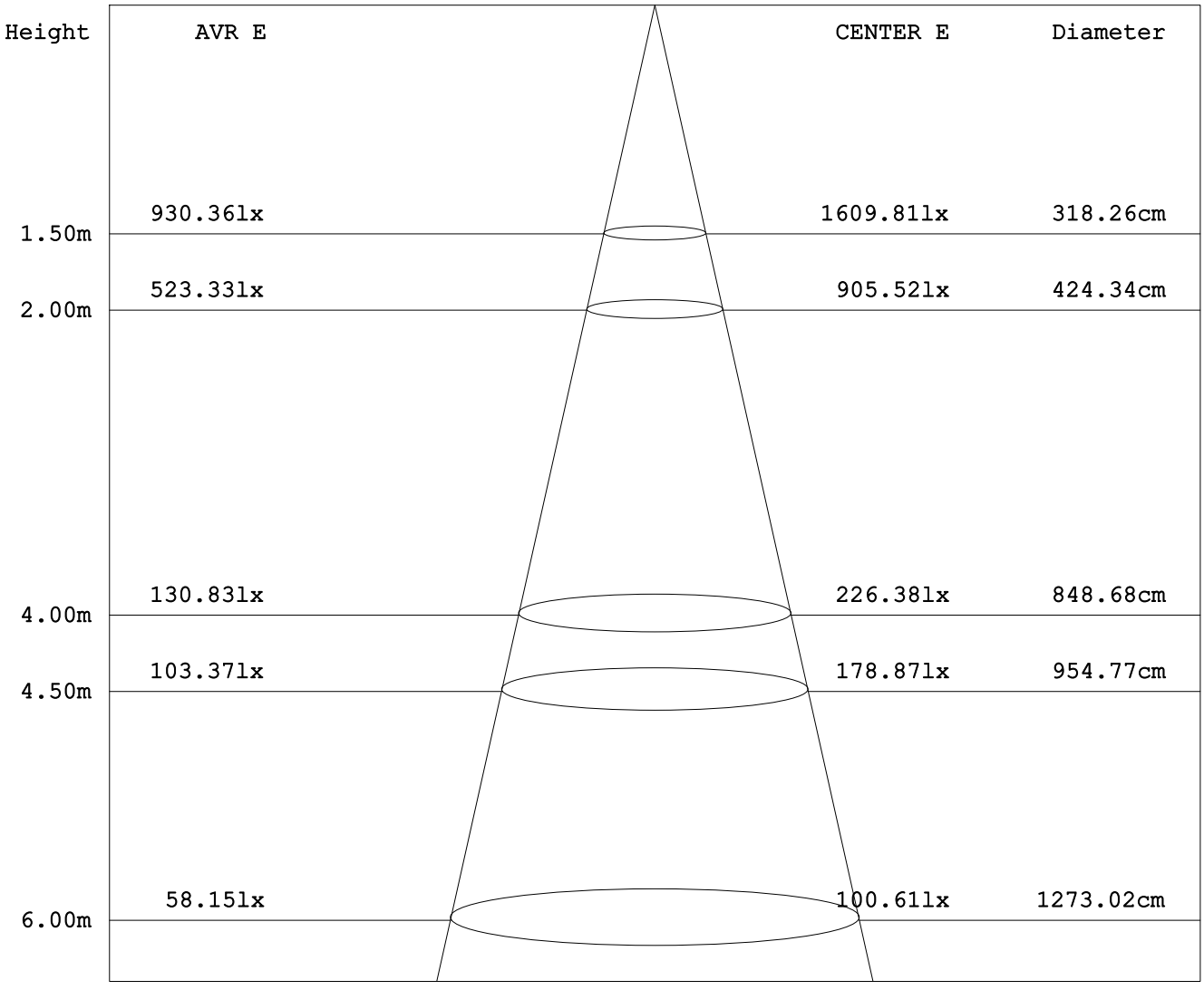
Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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: LSPSL-100W(30K)T2	TYPE: 3000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:93.4deg

Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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

TEST REPORT according to EN 13032

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-100W(30K)T2	TYPE: 3000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	3629	3690	3683	3663	3635	3516	3434	3493	0- 5	85.71	85.71
10.0	3664	3792	3783	3750	3687	3439	3312	3407	5- 10	256.9	342.6
15.0	3750	3900	3870	3834	3787	3376	3193	3327	10- 15	428.1	770.8
20.0	3905	4015	3930	3934	3949	3319	3093	3254	15- 20	600.1	1371
25.0	4142	4130	3940	4032	4175	3262	2968	3175	20- 25	773.0	2144
30.0	4408	4236	3918	4112	4464	3207	2835	3108	25- 30	945.7	3090
35.0	4648	4320	3860	4175	4731	3151	2713	3031	30- 35	1114	4204
40.0	4914	4358	3765	4191	4984	3064	2566	2915	35- 40	1273	5477
45.0	5277	4321	3608	4145	5335	2906	2414	2818	40- 45	1416	6893
50.0	5651	4192	3286	4018	5696	2791	2249	2667	45- 50	1537	8429
55.0	6014	3930	2779	3741	6127	2567	2051	2467	50- 55	1619	10049
60.0	6424	3575	2145	3226	6707	2262	1791	2195	55- 60	1655	11703
65.0	6781	2551	1241	2213	7040	1861	1314	1829	60- 65	1611	13314
70.0	6543	1076	515.1	740.7	6195	1213	692.7	1273	65- 70	1392	14706
75.0	4283	293.6	242.3	266.8	3347	529.6	141.5	551.7	70- 75	918.6	15624
80.0	1610	157.5	141.6	142.0	841.0	180.4	41.24	193.1	75- 80	390.1	17014
85.0	333.9	72.89	70.68	67.28	90.53	76.10	42.73	76.34	80- 85	112.0	18526
90.0	61.92	46.19	45.47	46.01	65.44	59.60	45.53	58.11	85- 90	36.23	19470
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	

Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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

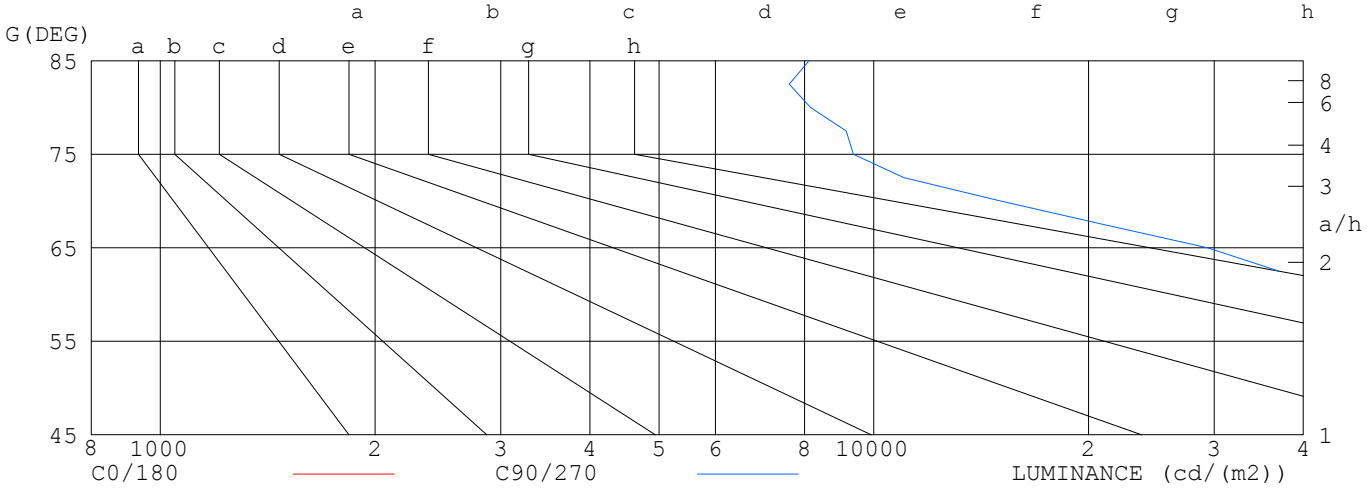
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-100W(30K)T2	TYPE: 3000K	WEIGHT:
SPECIFICATION:	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
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	38322	8110
80	92732	8158
75	165500	9363
70	191319	15063
65	160445	29363
60	128474	42900
55	104851	48454
50	87914	51115
45	74629	51018

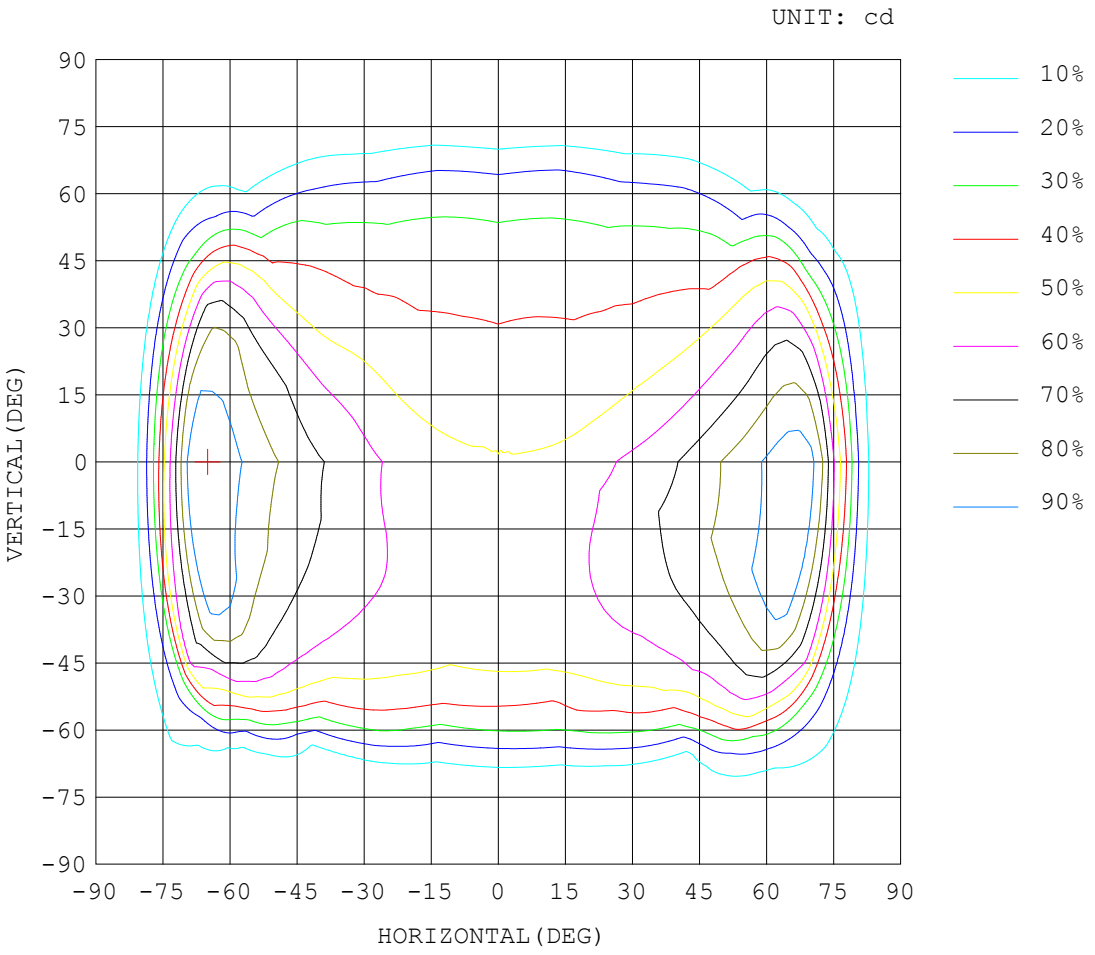
Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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: LSPSL-100W(30K)T2	TYPE: 3000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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