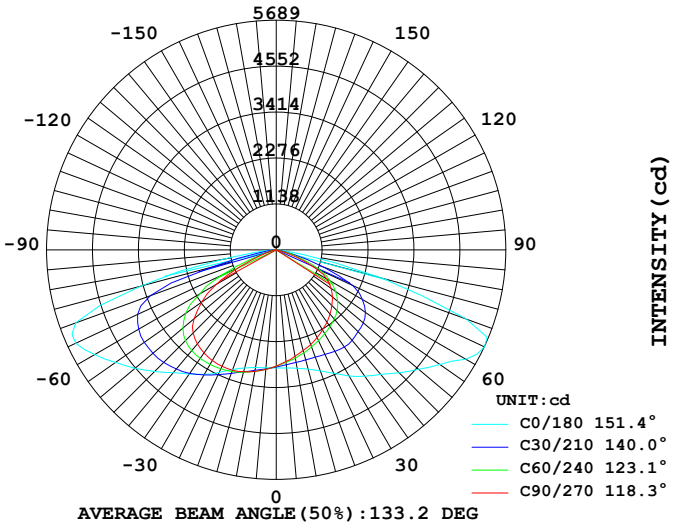
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-70W(30K)T2	TYPE: 3000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

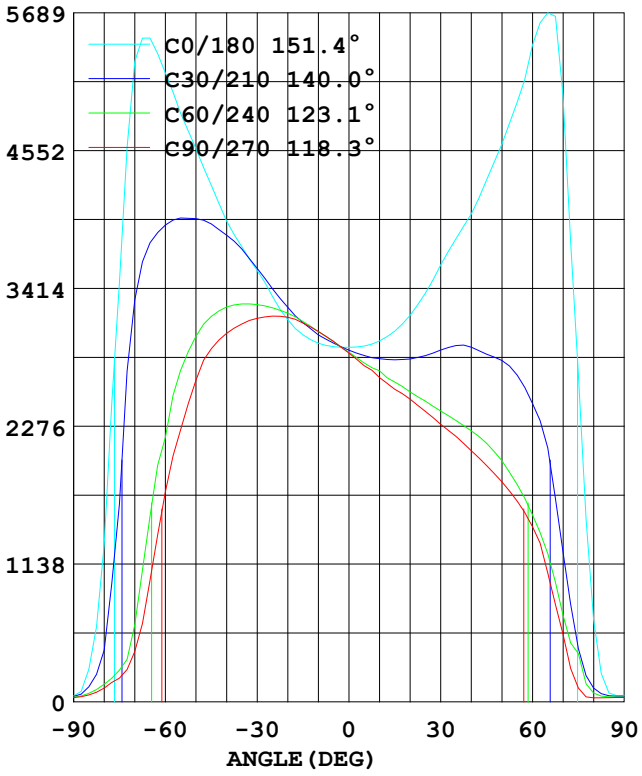
DATA OF LAMP		Imax(cd)	5689	S/MH(C0/180)	2.06
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.62
NOMINAL POWER(W)	70	TOTAL FLUX(lm)	11532	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	164.3	Current(A)	0.327
NOMINAL FLUX(lm)	11550	η up(%)	0.0	Power(W)	70.19
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.972
TEST VOLTAGE(V)	220.6	Effictive Flux(lm)	11499	EEI	0.085

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-70W(30K)T2	TYPE: 3000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

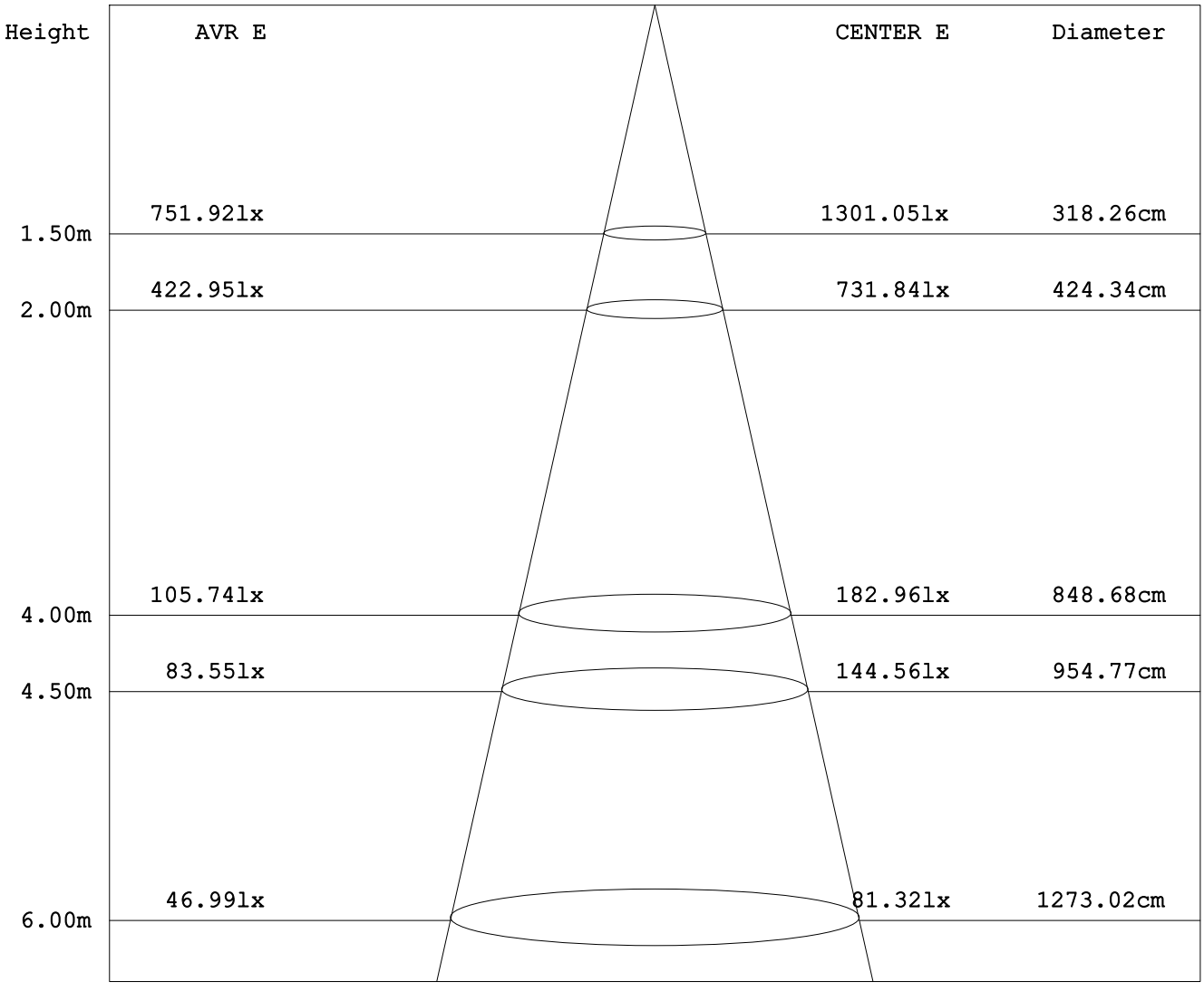
Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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-70W(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-70W(30K)T2	TYPE: 3000K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2933	2983	2976	2960	2938	2842	2775	2823	0- 5	69.27	69.27
10.0	2962	3065	3057	3031	2980	2780	2677	2753	5- 10	207.6	276.9
15.0	3031	3152	3127	3099	3060	2728	2581	2689	10- 15	346.0	623.0
20.0	3156	3245	3176	3179	3191	2682	2499	2630	15- 20	485.0	1108
25.0	3348	3338	3185	3259	3374	2636	2399	2566	20- 25	624.7	1733
30.0	3563	3423	3167	3323	3608	2592	2292	2512	25- 30	764.3	2497
35.0	3757	3491	3120	3374	3823	2547	2193	2450	30- 35	900.7	3398
40.0	3971	3523	3043	3387	4028	2476	2074	2356	35- 40	1029	4427
45.0	4265	3492	2916	3350	4311	2349	1951	2278	40- 45	1144	5571
50.0	4567	3388	2655	3248	4604	2255	1818	2155	45- 50	1242	6813
55.0	4861	3176	2246	3023	4952	2075	1658	1994	50- 55	1309	8121
60.0	5192	2889	1734	2607	5421	1828	1447	1774	55- 60	1337	9458
65.0	5480	2062	1003	1789	5689	1504	1062	1478	60- 65	1302	9500
70.0	5288	869.4	416.3	598.6	5007	980.6	559.8	1029	65- 70	1125	10010
75.0	3462	237.3	195.8	215.6	2705	428.0	114.4	445.8	70- 75	742.4	10832
80.0	1301	127.3	114.4	114.8	679.7	145.8	33.33	156.1	75- 80	315.3	10998
85.0	269.9	58.91	57.12	54.38	73.16	61.51	34.53	61.70	80- 85	90.52	11300
90.0	50.04	37.33	36.75	37.18	52.88	48.16	36.80	46.96	85- 90	29.28	11532
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:

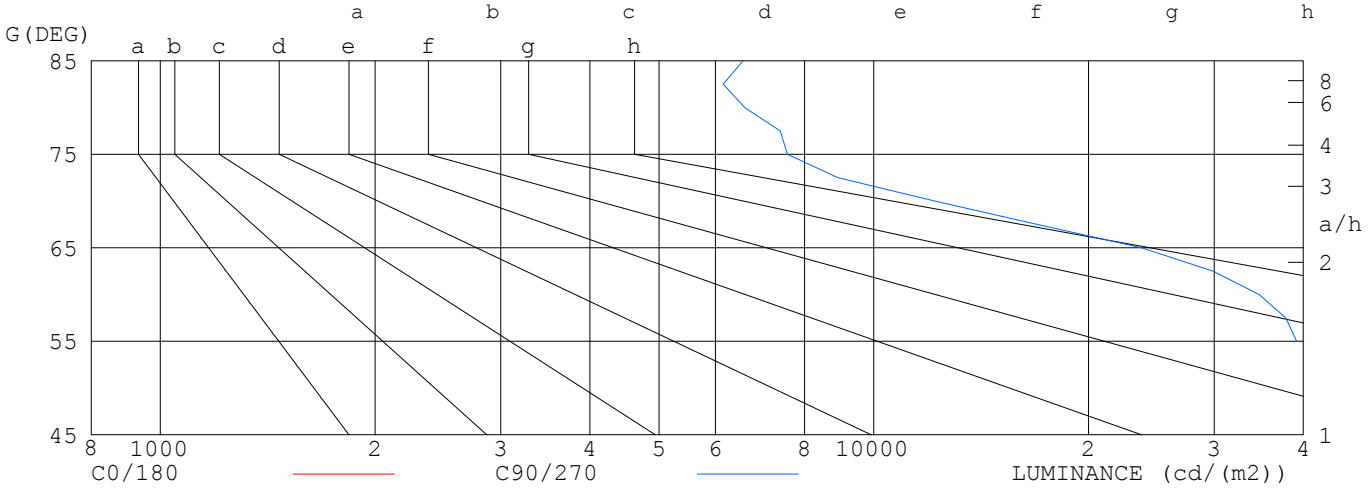
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: LSPSL-70W(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	30972	6555
80	74946	6594
75	133757	7567
70	154624	12174
65	129672	23731
60	103833	34672
55	84740	39161
50	71052	41311
45	60315	41233

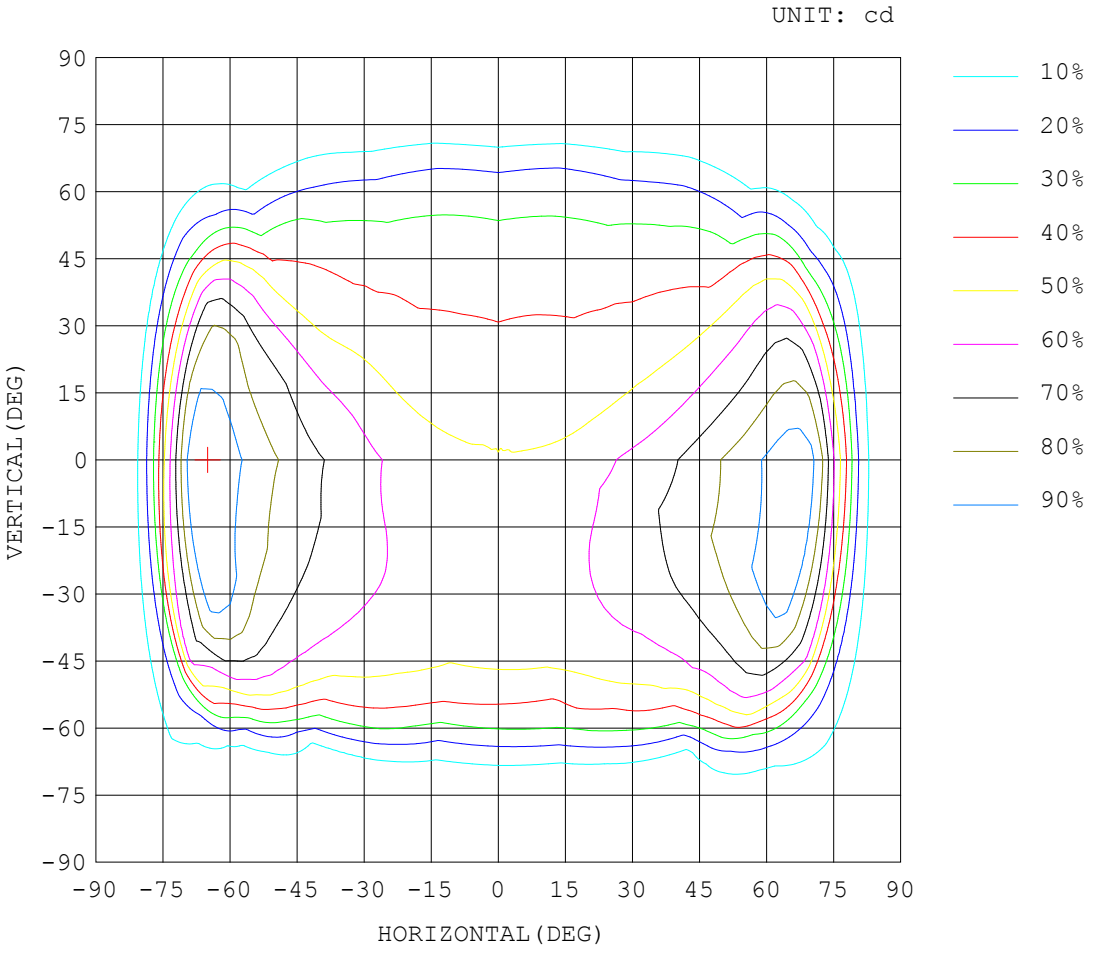
Temperature:25.3DEG
Operators:
Test Date:03-11-2022

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-70W(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: