

TEST REPORT according to EN 13032

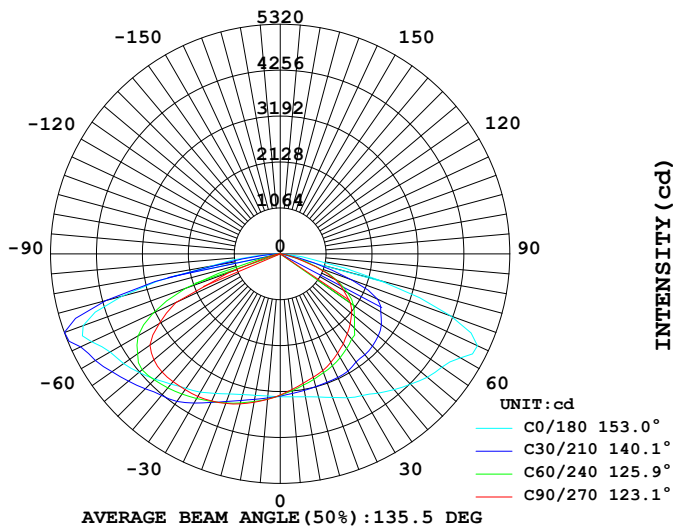
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

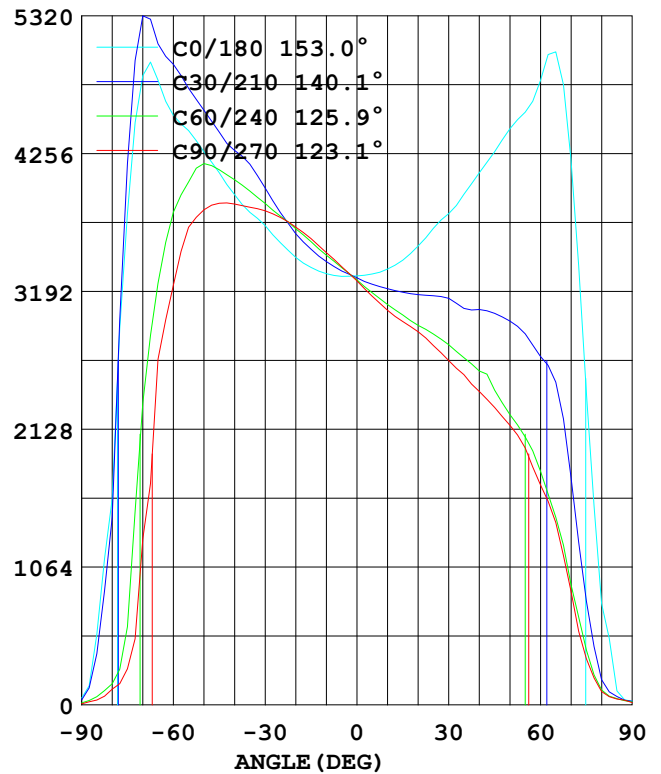
MANUFACTURER:		
Address:		
NAME: LSNFL-100W(30K)EKO T3	TYPE: 3000K T3	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	5558	S/MH (C0/180)	1.79
MODEL	5050	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.76
NOMINAL POWER (W)	100	TOTAL FLUX (lm)	15997.23	Voltage (V)	218.6
RATED VOLTAGE (V)	218	EFFICIENCY (lm/W)	161.1	Current (A)	0.455
NOMINAL FLUX (lm)	16500	η up (%)	0.0	Power (W)	99.3
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.998
TEST VOLTAGE (V)	218.7	Effective Flux (lm)	15418.7	EEL	0.089

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Temperature: 25.3 DEG
 Operators:
 Test Date: 09-09-2021

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

Color Temperature Data List

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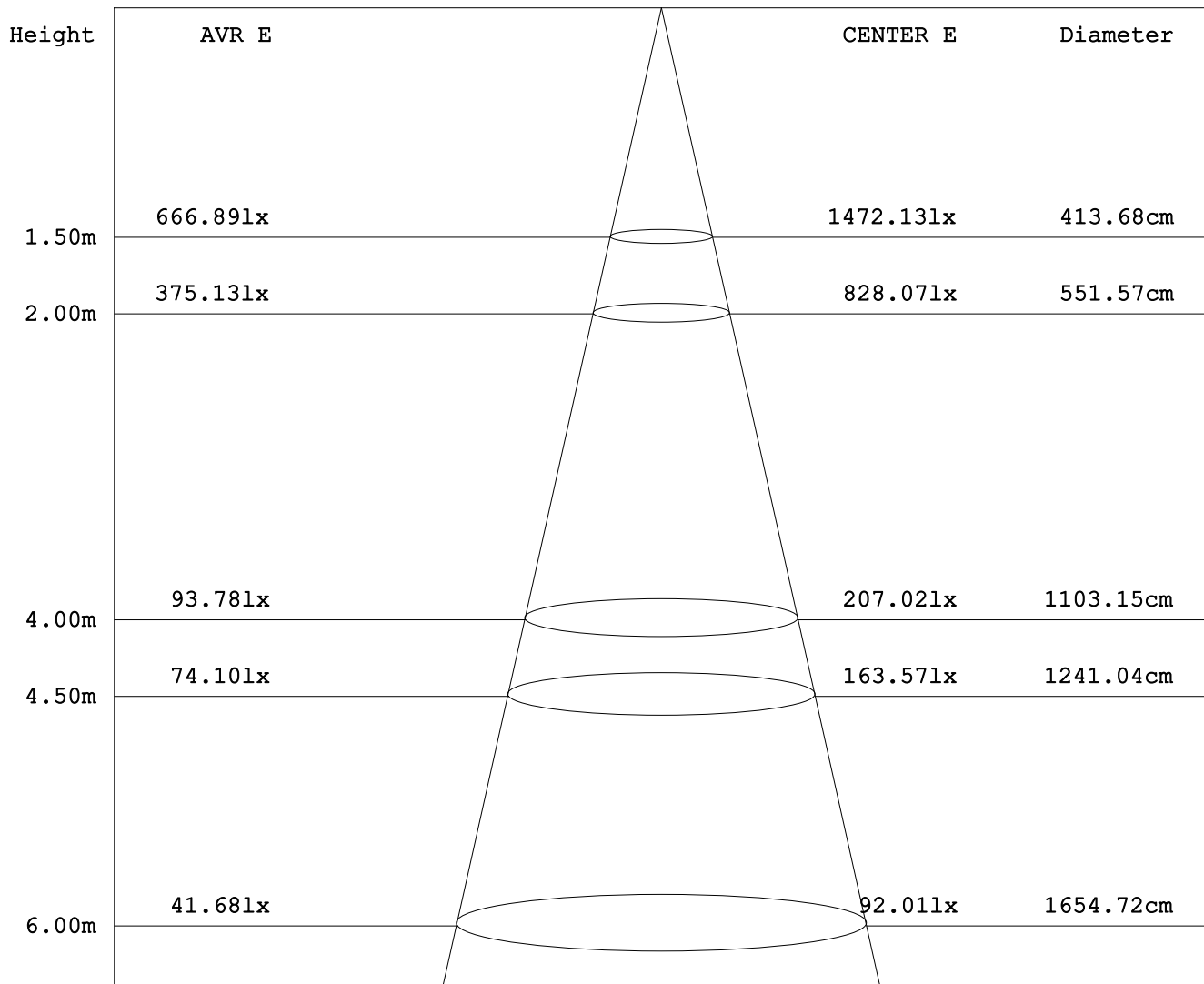
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AVERAGE AND CENTER E Figure

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MANUFACTURER:		
Address:		
NAME: LSNFL-100W(30K)EKO T3	TYPE: 3000K T3	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:108.1deg

Temperature:25.3DEG
 Operators:
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ZONAL FLUX DIAGRAM

Report number:

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NAME: LSNFL-100W(30K)EKO T3	TYPE: 3000K T3	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	z _{one}	t _{total}
5.0	3308	3365	3383	3337	3326	3213	3155	3165	0- 5	78.26	78.26
10.0	3329	3451	3492	3441	3365	3146	3046	3084	5- 10	234.7	312.9
15.0	3377	3552	3600	3557	3433	3083	2960	3017	10- 15	391.4	704.4
20.0	3455	3665	3689	3684	3542	3020	2880	2952	15- 20	549.4	1254
25.0	3567	3800	3762	3836	3678	2964	2775	2893	20- 25	708.4	1962
30.0	3701	3955	3815	3994	3792	2916	2659	2837	25- 30	866.5	2829
35.0	3802	4115	3842	4136	3942	2850	2549	2765	30- 35	1019	3848
40.0	3940	4257	3867	4192	4108	2719	2420	2687	35- 40	1164	5012
45.0	4107	4301	3873	4198	4270	2625	2296	2558	40- 45	1300	6312
50.0	4269	4366	3821	4264	4447	2509	2159	2400	45- 50	1422	7734
55.0	4434	4465	3687	4271	4576	2354	1983	2266	50- 55	1524	9258
60.0	4551	4468	3240	4195	4820	2117	1699	2075	55- 60	1583	10841
65.0	4822	4298	2668	3707	5041	1702	1408	1806	60- 65	1590	12431
70.0	4857	3628	1280	2521	4208	1166	877.5	1324	65- 70	1458	13889
75.0	3793	2154	278.9	696.5	2412	507.6	355.8	766.0	70- 75	1036	14925
80.0	1594	521.3	121.5	180.1	782.9	138.4	102.7	281.7	75- 80	506.9	15232
85.0	546.8	122.3	38.00	48.34	108.0	57.81	44.93	81.23	80- 85	163.7	15399
90.0	52.13	22.56	8.593	9.773	28.49	26.17	18.13	36.19	85- 90	36.63	15997
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	

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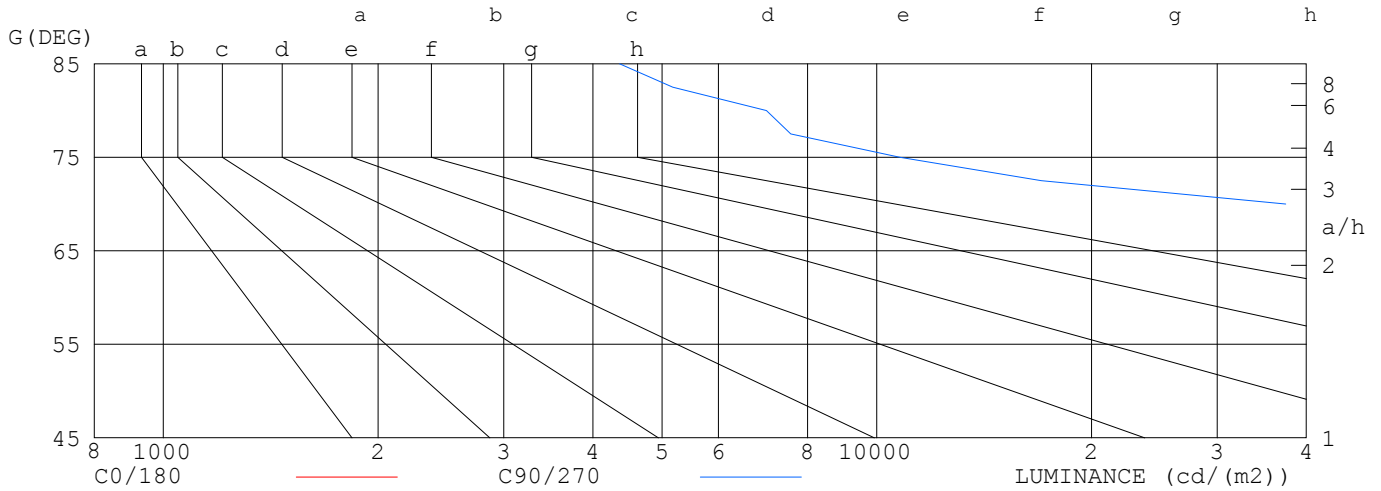
LUMINANCE LIMITATION CURVES

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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	62747	4360
80	91784	7003
75	146535	10779
70	142011	37425
65	114105	63125
60	91021	64800
55	77303	64280
50	66418	59451
45	58080	54774

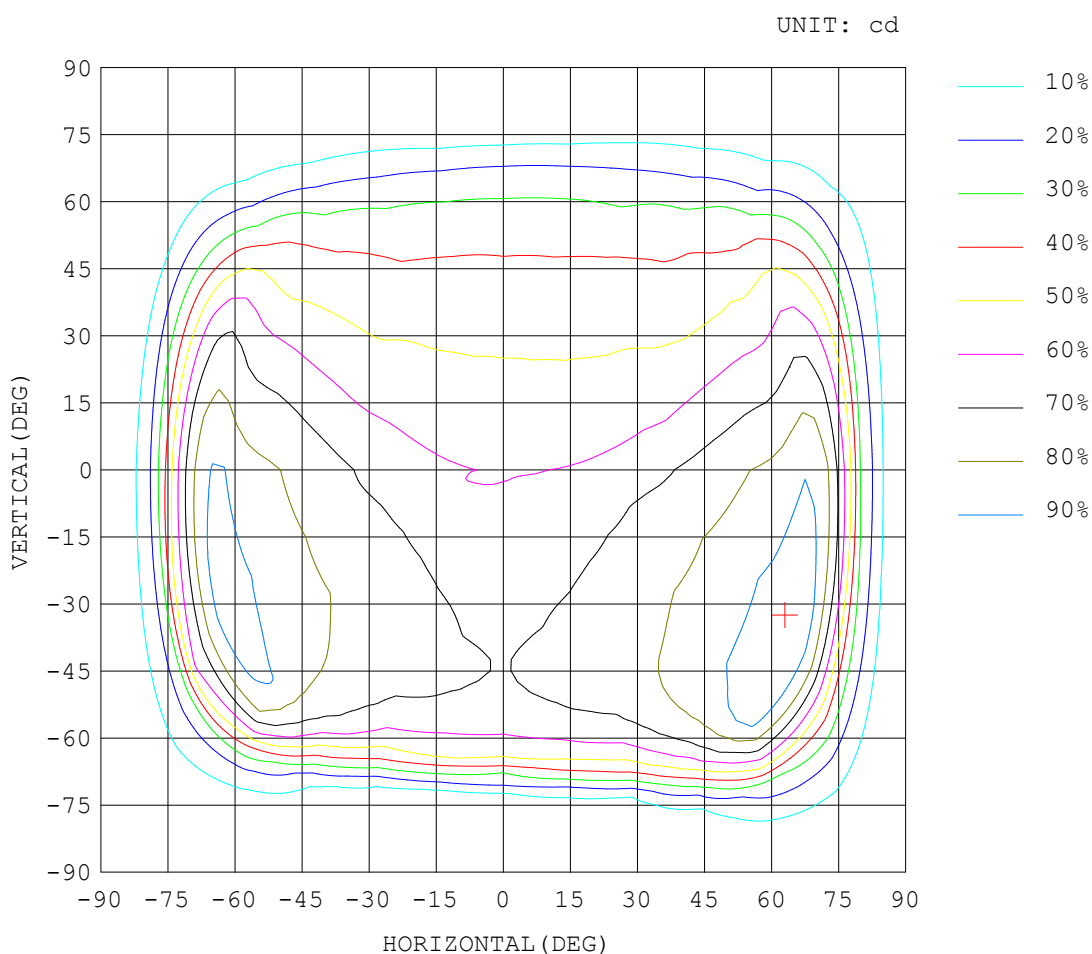
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