

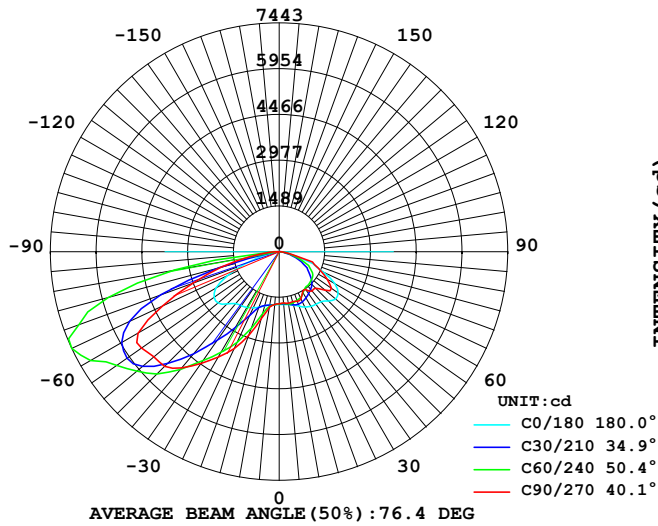
# TEST REPORT according to EN 13032

Report number:

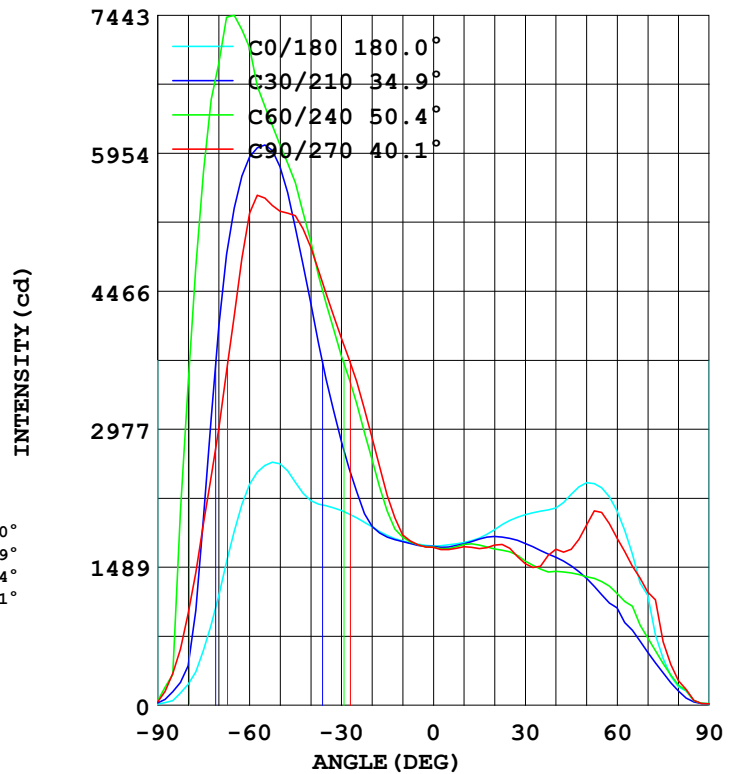
MANUFACTURER:		
Address:		
NAME: LSNFL-100W	TYPE:	WEIGHT:
SPECIFICATION: 5000K TYPE4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	7443	S/MH (C0/180)	1.98
MODEL	5050	EFFICIENCY (%)	100.0	S/MH (C90/270)	2.81
NOMINAL POWER (W)	100	TOTAL FLUX (lm)	14083	Voltage (V)	220.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	142.0	Current (A)	0.450
NOMINAL FLUX (lm)	14082.6	$\eta$ up (%)	0.0	Power (W)	99.19
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.968
TEST VOLTAGE (V)	220.5	Effective Flux (lm)	13661.1	EET	0.099

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Temperature: 25.3 DEG  
Operators:  
Test Date: 28-05-2019

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

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## Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-100W	TYPE:	WEIGHT:
SPECIFICATION: 5000K TYPE4	DIMENSION:	SERIAL No. :

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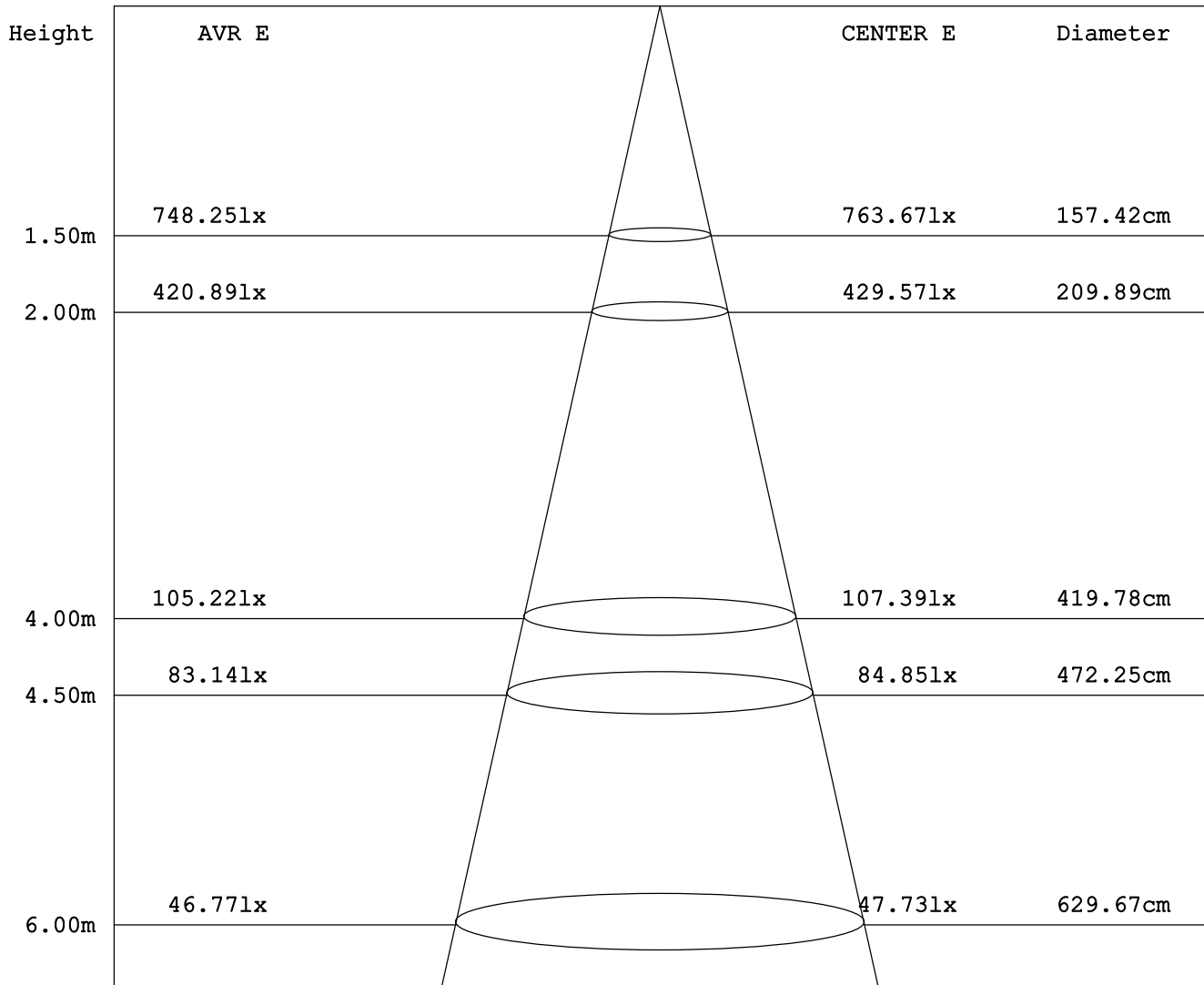
Temperature:25.3DEG  
Operators:  
Test Date:28-05-2019

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: LSNFL-100W	TYPE:	WEIGHT:
SPECIFICATION: 5000K TYPE4	DIMENSION:	SERIAL No. :



Angle:55.4deg

Temperature:25.3DEG  
 Operators:  
 Test Date:28-05-2019

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

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-100W	TYPE:	WEIGHT:
SPECIFICATION: 5000K TYPE4	DIMENSION:	SERIAL No. :

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	1738	1730	1733	1720	1731	1701	1680	1682	0- 5	40.77	40.77
10.0	1772	1791	1837	1766	1754	1740	1709	1720	5- 10	124.0	164.8
15.0	1830	1896	2261	1864	1805	1757	1690	1734	10- 15	214.2	379.1
20.0	1924	2322	2881	2306	1893	1720	1727	1696	15- 20	322.0	701.2
25.0	2021	2885	3488	2844	1995	1649	1693	1641	20- 25	453.0	1154
30.0	2100	3476	3957	3424	2056	1588	1528	1592	25- 30	595.4	1750
35.0	2152	4111	4441	4013	2094	1542	1501	1547	30- 35	750.8	2501
40.0	2206	4908	4940	4673	2128	1501	1683	1489	35- 40	936.3	3437
45.0	2404	5801	5280	5396	2275	1455	1683	1416	40- 45	1143	4580
50.0	2603	6421	5327	5963	2401	1392	1946	1341	45- 50	1338	5918
55.0	2586	6875	5471	6436	2346	1301	2079	1249	50- 55	1500	7418
60.0	2382	7098	5310	6830	2096	1137	1803	1100	55- 60	1600	9018
65.0	1876	7102	4200	6899	1630	897.7	1499	884.0	60- 65	1592	10610
70.0	1187	6868	2988	6889	1186	642.2	1220	636.6	65- 70	1427	12038
75.0	596.1	5686	1961	5672	507.3	408.0	685.8	420.4	70- 75	1111	13149
80.0	227.0	2177	988.6	2218	197.4	194.2	265.1	217.6	75- 80	662.7	13812
85.0	50.03	227.5	344.1	193.0	47.76	52.23	52.61	50.00	80- 85	234.0	14046
90.0	11.98	33.22	37.70	19.00	9.633	22.01	13.81	19.03	85- 90	37.02	14083
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:28-05-2019

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

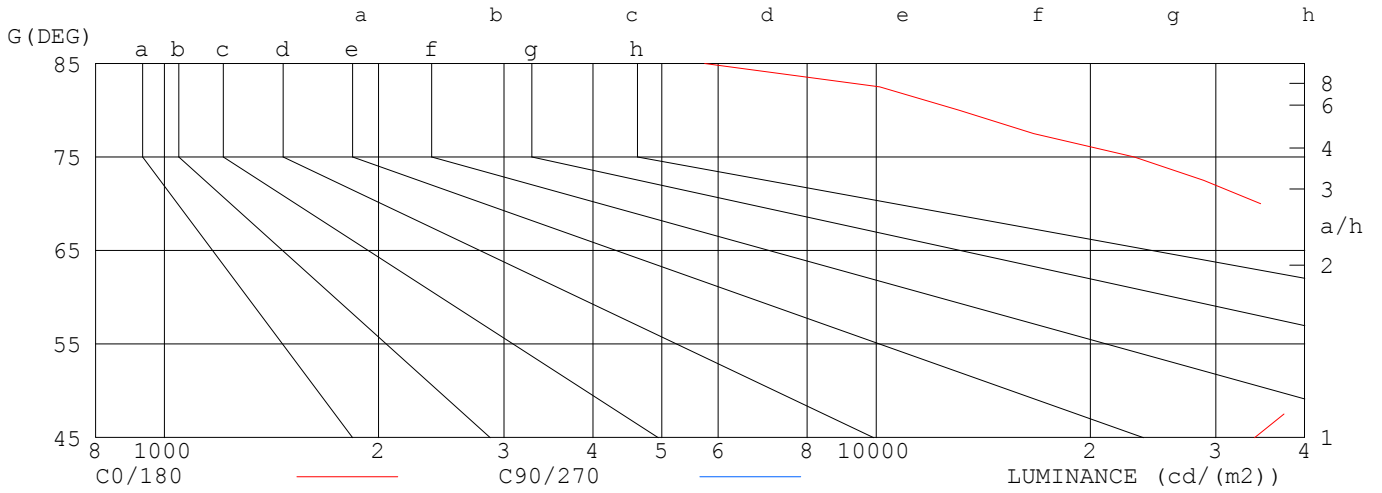
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-100W	TYPE:	WEIGHT:
SPECIFICATION: 5000K TYPE4	DIMENSION:	SERIAL No.:

### LUMINANCE LIMITATION CURVES

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



G (DEG)	LUMINANCE cd/ (m2)	
	C0/180	C90/270
85	5740	39488
80	13077	56933
75	23035	75768
70	34692	87376
65	44386	99369
60	47642	106191
55	45083	95392
50	40498	82873
45	34000	74677

Temperature: 25.3 DEG  
 Operators:  
 Test Date: 28-05-2019

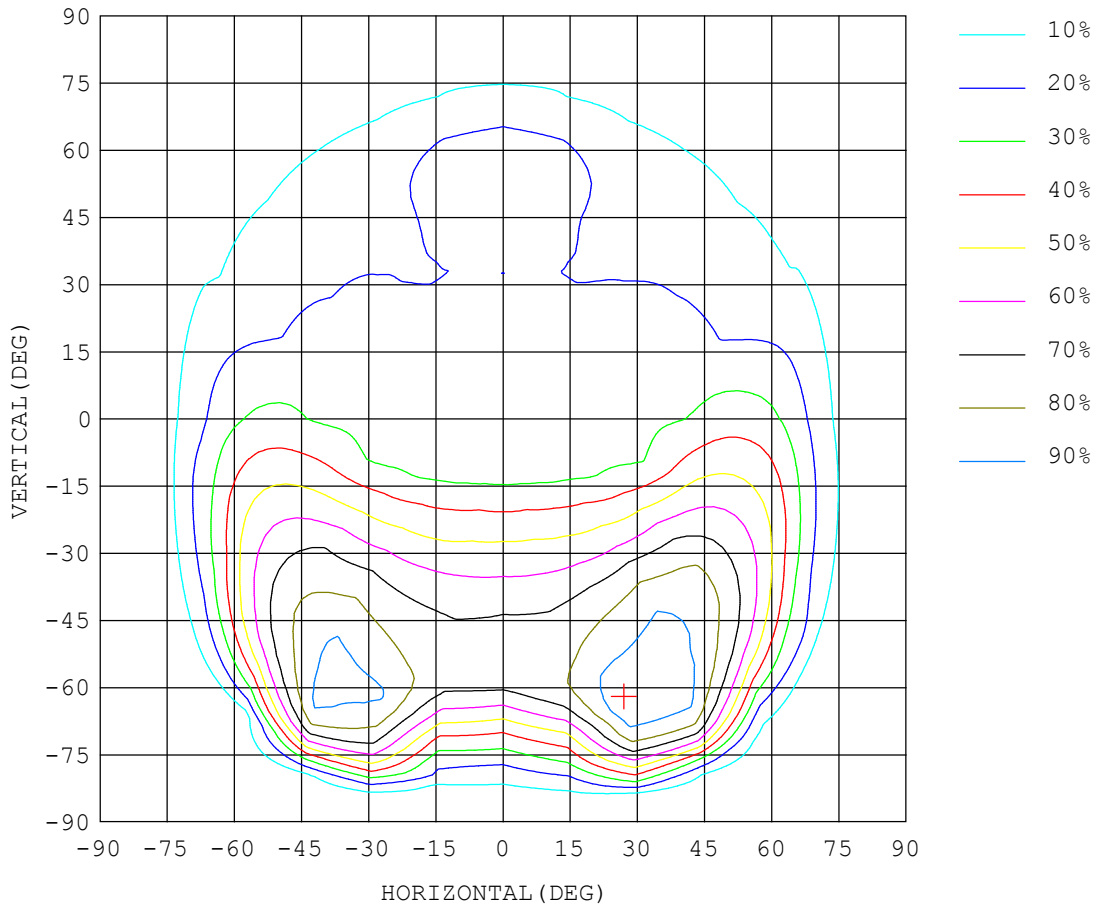
Test Set: 8.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 6.000 m  
 Remarks:

# ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-100W	TYPE:	WEIGHT:
SPECIFICATION: 5000K TYPE4	DIMENSION:	SERIAL No. :

UNIT: cd



Temperature:25.3DEG  
Operators:  
Test Date:28-05-2019

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