

TEST REPORT according to EN 13032

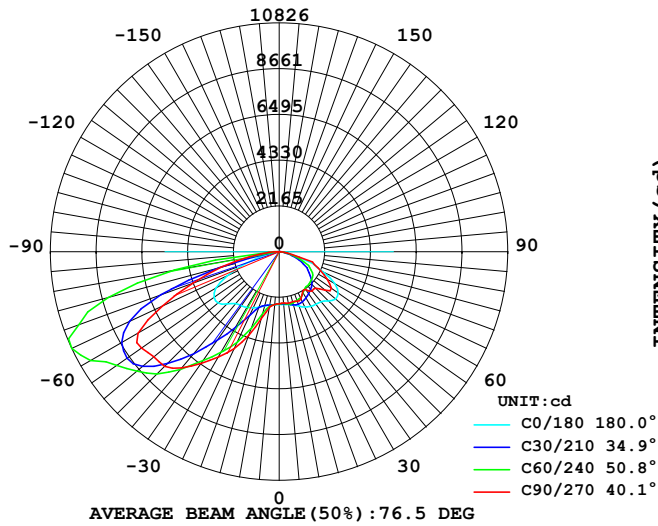
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

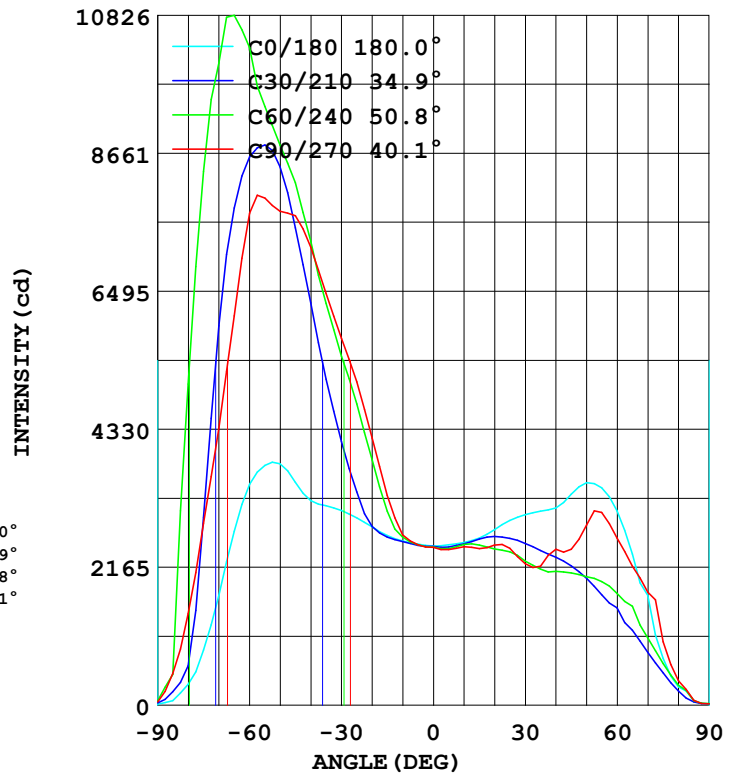
MANUFACTURER:		
Address:		
NAME: LSNFL-150W	TYPE:	WEIGHT:
SPECIFICATION: 3000K TYPE4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	10826	S/MH (C0/180)	1.98
MODEL	5050	EFFICIENCY (%)	100.0	S/MH (C90/270)	2.81
NOMINAL POWER (W)	150	TOTAL FLUX (lm)	27149.85	Voltage (V)	220.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	178.5	Current (A)	0.712
NOMINAL FLUX (lm)	27000	$\eta$ up (%)	0.0	Power (W)	152.1
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.968
TEST VOLTAGE (V)	220.5	Effective Flux (lm)	27100	EET	0.104

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:

Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-150W	TYPE:	WEIGHT:
SPECIFICATION: 3000K TYPE4	DIMENSION:	SERIAL No. :

---

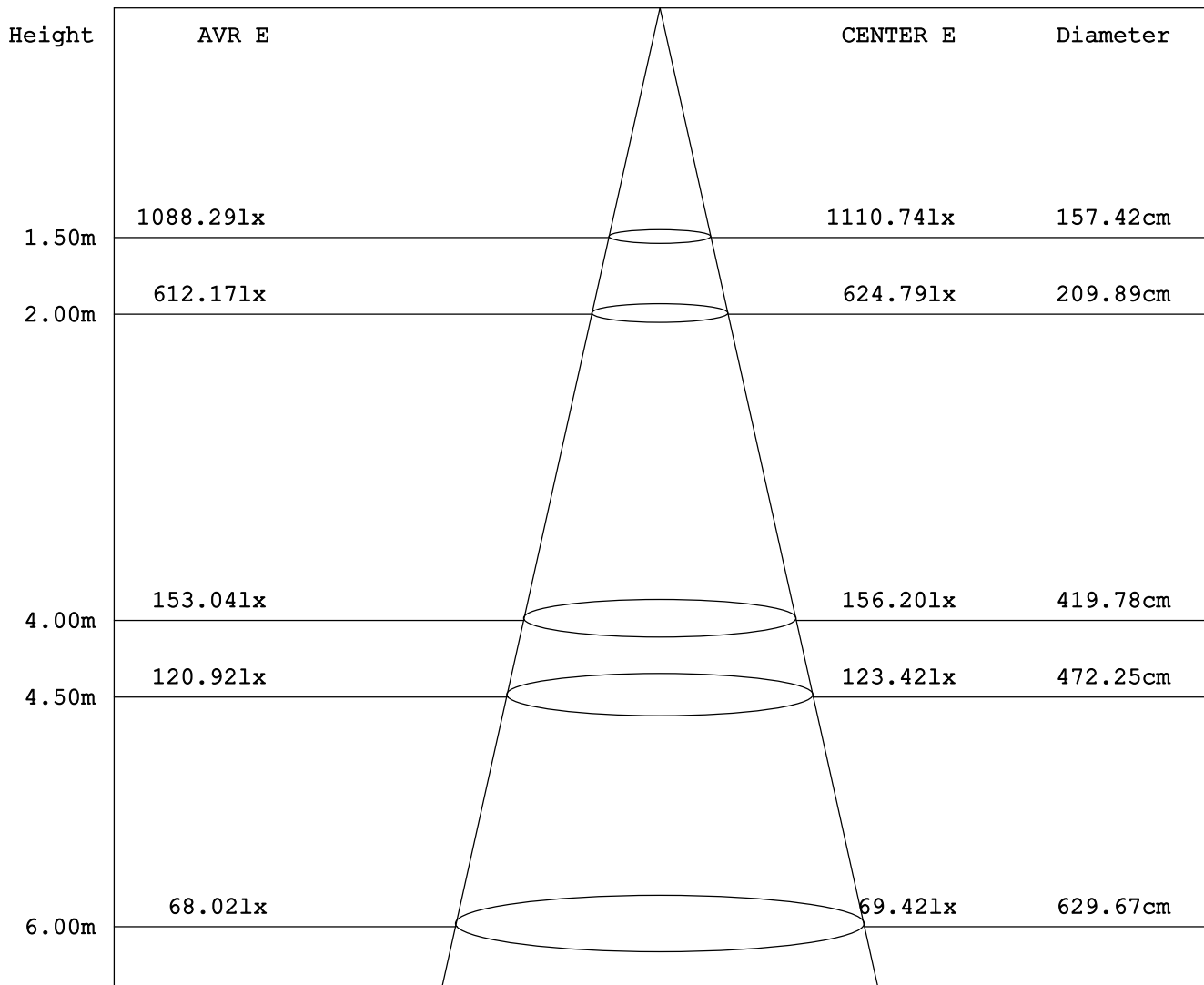
Temperature:25.3DEG  
Operators:  
Test Date:28-05-2019

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-150W	TYPE:	WEIGHT:
SPECIFICATION: 3000K 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:

TEST REPORT according to EN 13032

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-150W	TYPE:	WEIGHT:
SPECIFICATION: 3000K TYPE4	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	252.7	251.6	252.0	250.2	251.8	247.4	244.3	244.6	0- 5	59.30	59.30
10.0	257.7	260.5	267.1	256.7	255.1	253.0	248.6	250.0	5- 10	180.4	239.7
15.0	266.1	275.7	328.8	271.0	262.4	255.4	245.7	252.2	10- 15	311.6	551.4
20.0	279.7	337.6	419.0	335.3	275.3	250.1	251.1	246.6	15- 20	468.4	1020
25.0	293.9	419.5	507.3	413.6	290.0	239.9	246.2	238.6	20- 25	658.8	1679
30.0	305.4	505.5	575.5	497.9	299.0	230.9	222.2	231.5	25- 30	866.0	2545
35.0	312.9	597.9	645.8	583.7	304.5	224.3	218.3	224.9	30- 35	1092	3637
40.0	320.8	713.9	718.5	679.7	309.5	218.3	244.7	216.5	35- 40	1362	4999
45.0	349.6	843.7	768.0	784.8	330.9	211.6	244.8	206.0	40- 45	1662	6661
50.0	378.6	933.9	774.7	867.3	349.2	202.4	283.0	195.0	45- 50	1947	8608
55.0	376.1	999.9	795.8	936.1	341.2	189.1	302.3	181.6	50- 55	2182	10789
60.0	346.4	1032	772.2	993.4	304.8	165.3	262.3	160.0	55- 60	2327	13117
65.0	272.8	1033	610.8	1003	237.1	130.5	218.0	128.5	60- 65	2316	15433
70.0	172.5	998.9	434.6	1002	172.5	93.40	177.3	92.60	65- 70	2076	17509
75.0	86.71	826.9	285.2	825.0	73.78	59.35	99.76	61.15	70- 75	1616	19124
80.0	33.02	316.6	143.7	322.5	28.72	28.25	38.56	31.65	75- 80	963.8	23088
85.0	7.276	33.08	50.05	28.07	6.947	7.597	7.652	7.272	80- 85	340.3	25429
90.0	1.743	4.833	5.483	2.764	1.401	3.202	2.009	2.768	85- 90	53.84	27150
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:×10cd									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:

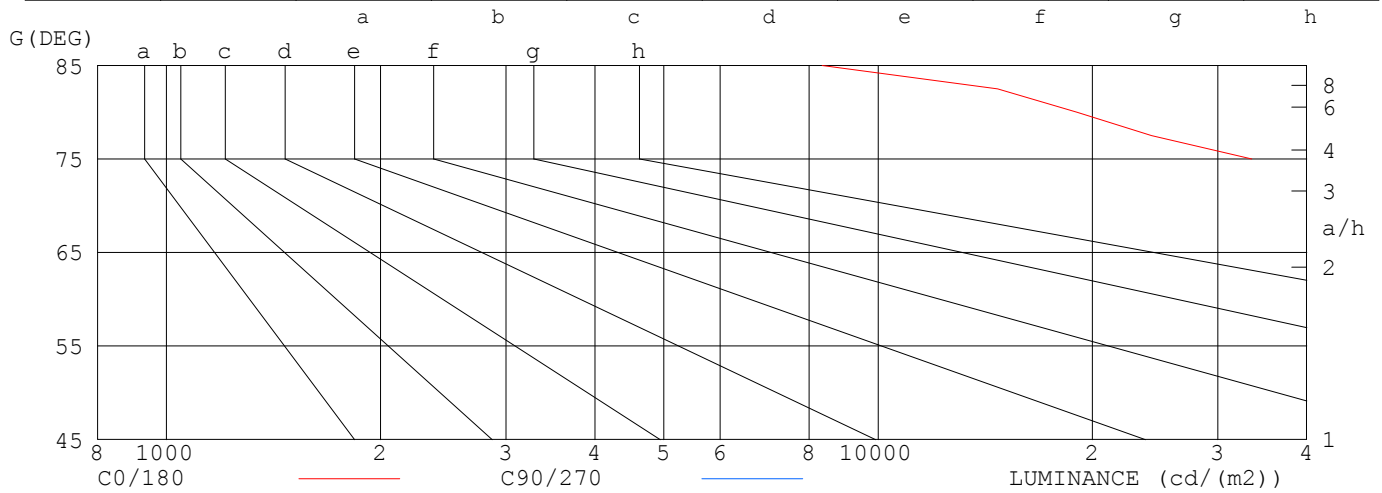
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-150W	TYPE:	WEIGHT:
SPECIFICATION: 3000K TYPE4	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	8349	57434
80	19019	82806
75	33503	110202
70	50458	127085
65	64557	144529
60	69294	154450
55	65572	138744
50	58903	120536
45	49452	108614

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

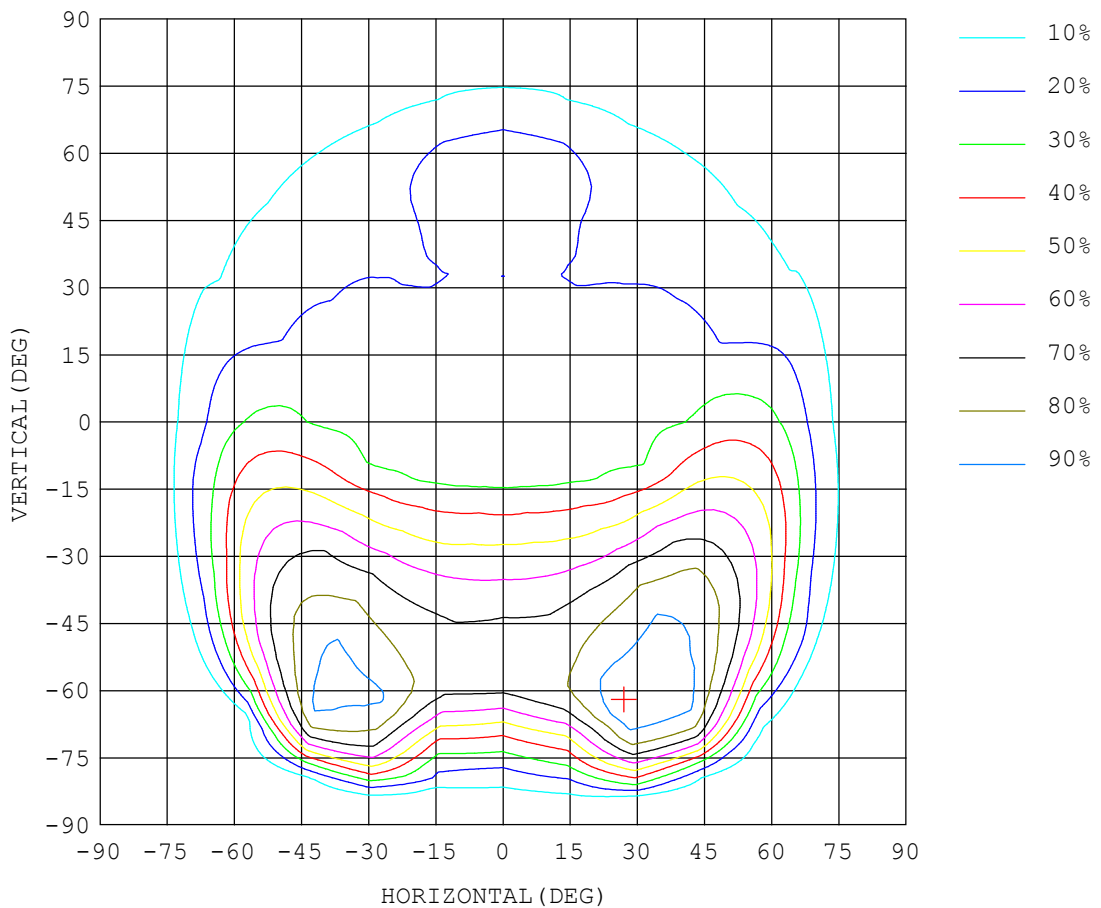
Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-150W	TYPE:	WEIGHT:
SPECIFICATION: 3000K 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: