

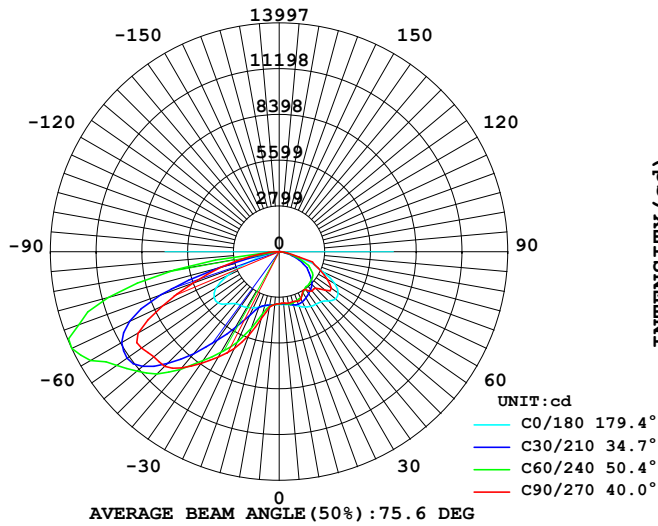
TEST REPORT according to EN 13032

Report number:

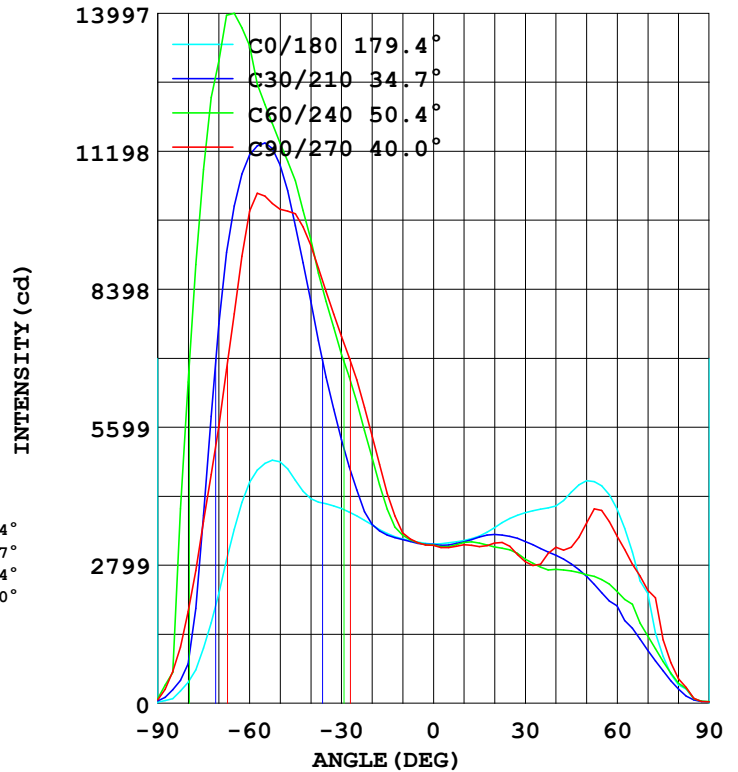
MANUFACTURER:		
Address:		
NAME: LSNFL-200W	TYPE:	WEIGHT:
SPECIFICATION: 5000K TYPE4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	13997	S/MH (C0/180)	1.98
MODEL	5050	EFFICIENCY (%)	100.0	S/MH (C90/270)	2.81
NOMINAL POWER (W)	200	TOTAL FLUX (lm)	26483	Voltage (V)	220.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	131.0	Current (A)	0.915
NOMINAL FLUX (lm)	26482.6	η up (%)	0.0	Power (W)	202.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.968
TEST VOLTAGE (V)	220.8	Effective Flux (lm)	25690.0	EET	0.107

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-200W	TYPE:	WEIGHT:
SPECIFICATION: 5000K TYPE4	DIMENSION:	SERIAL No. :

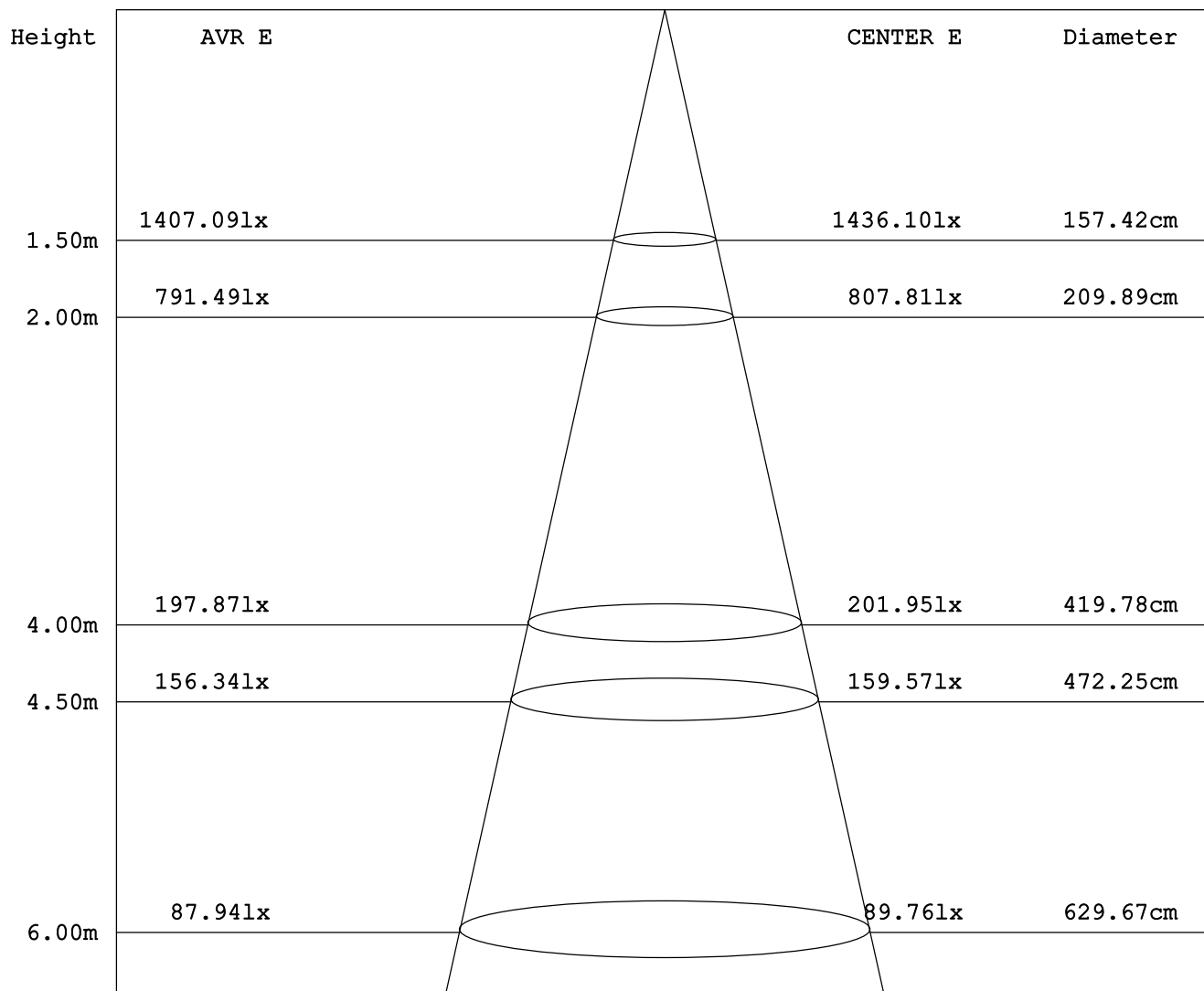
Temperature:25.3DEG
Operators:
Test Date:28-05-2019

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-200W	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-200W	TYPE:	WEIGHT:
SPECIFICATION: 5000K TYPE4	DIMENSION:	SERIAL No. :

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	326.8	325.3	325.8	323.5	325.6	319.9	315.8	316.2	0- 5	76.68	76.68
10.0	333.2	336.8	345.4	332.0	329.8	327.1	321.4	323.3	5- 10	233.3	309.9
15.0	344.0	356.5	425.2	350.4	339.3	330.3	317.7	326.1	10- 15	402.9	712.9
20.0	361.7	436.6	541.8	433.5	356.0	323.4	324.7	318.8	15- 20	605.7	1319
25.0	380.0	542.5	655.9	534.8	375.0	310.1	318.3	308.5	20- 25	851.8	2171
30.0	394.9	653.5	744.1	643.8	386.6	298.6	287.3	299.4	25- 30	1120	3290
35.0	404.6	773.1	835.0	754.7	393.7	290.0	282.3	290.8	30- 35	1412	4702
40.0	414.8	923.0	929.0	878.8	400.2	282.2	316.4	279.9	35- 40	1761	6463
45.0	452.1	1091	992.9	1015	427.8	273.6	316.5	266.3	40- 45	2149	8612
50.0	489.5	1208	1002	1121	451.5	261.8	366.0	252.1	45- 50	2517	11129
55.0	486.2	1293	1029	1210	441.2	244.5	390.8	234.8	50- 55	2821	13950
60.0	447.9	1335	998.4	1284	394.1	213.7	339.1	206.9	55- 60	3009	16959
65.0	352.7	1336	789.7	1297	306.6	168.8	281.9	166.2	60- 65	2994	19953
70.0	223.1	1292	561.9	1295	223.0	120.7	229.3	119.7	65- 70	2684	22637
75.0	112.1	1069	368.7	1067	95.40	76.74	128.9	79.06	70- 75	2089	24727
80.0	42.70	409.3	185.9	417.0	37.13	36.53	49.86	40.92	75- 80	1246	25973
85.0	9.408	42.78	64.72	36.29	8.982	9.823	9.893	9.402	80- 85	440.0	26413
90.0	2.253	6.248	7.089	3.574	1.811	4.140	2.598	3.580	85- 90	69.62	26483
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:

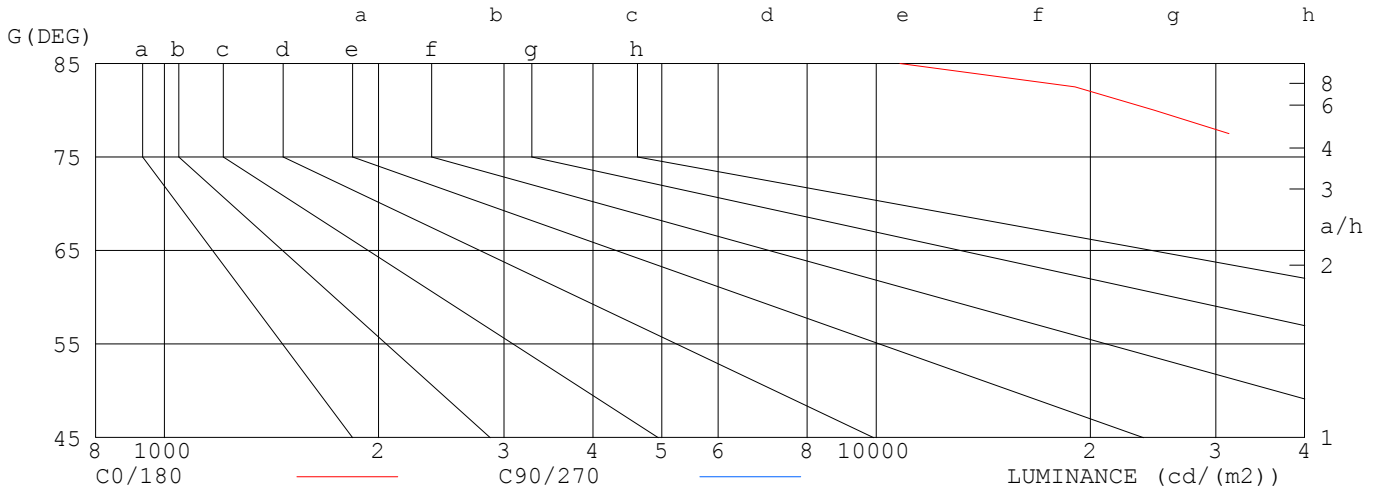
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-200W	TYPE:	WEIGHT:
SPECIFICATION: 5000K 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	10795	74259
80	24591	107063
75	43317	142483
70	65239	164313
65	83468	186866
60	89592	199694
55	84780	179387
50	76157	155845
45	63938	140431

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

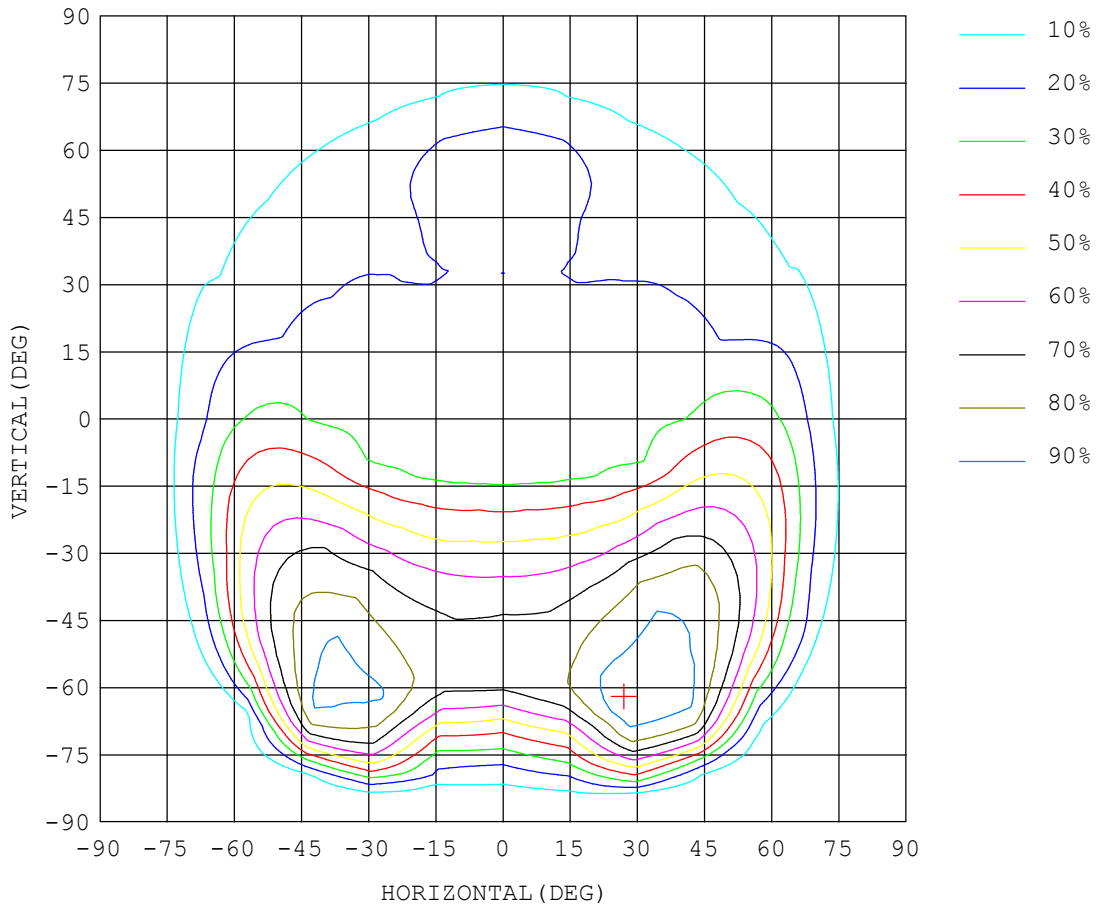
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSNFL-200W	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: