

# LUMINAIRE PHOTOMETRIC TEST REPORT

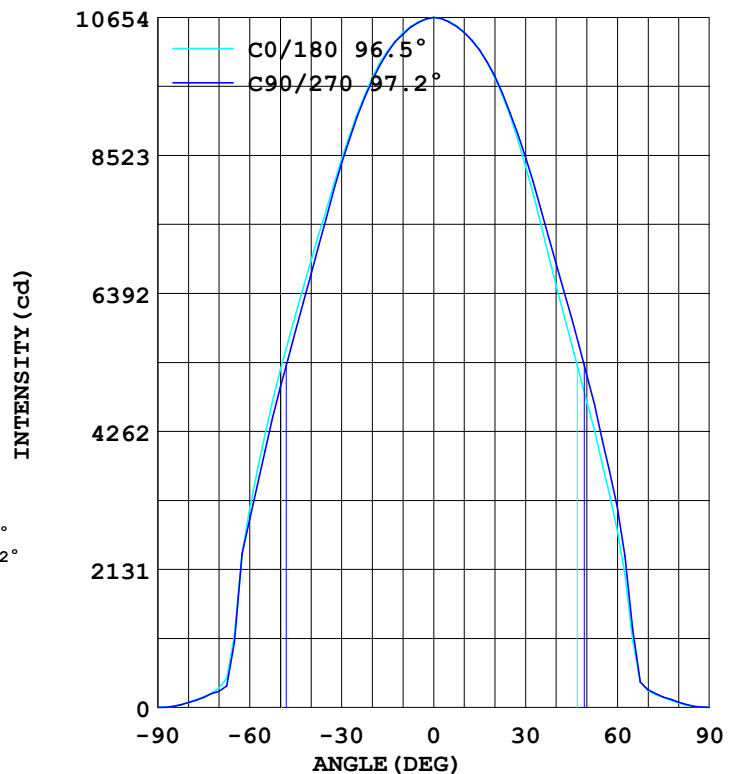
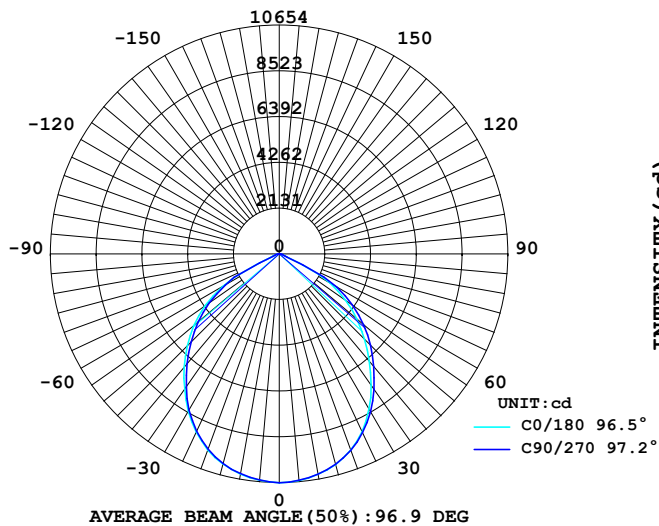
Report number:

MANUFACTURER:	Address:	
NAME: IL-FL19-N15040-90	TYPE: 4000K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	10654	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	22783	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.4	Current(A)	0.675
NOMINAL FLUX(lm)	22782.6	$\eta$ up (%)	0.0	Power(W)	151.5
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	22782.6	EEI	0.100

## LUMINOUS INTENSITY DISTRIBUTION

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Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2024.11.19

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

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## Color Temperature Data List

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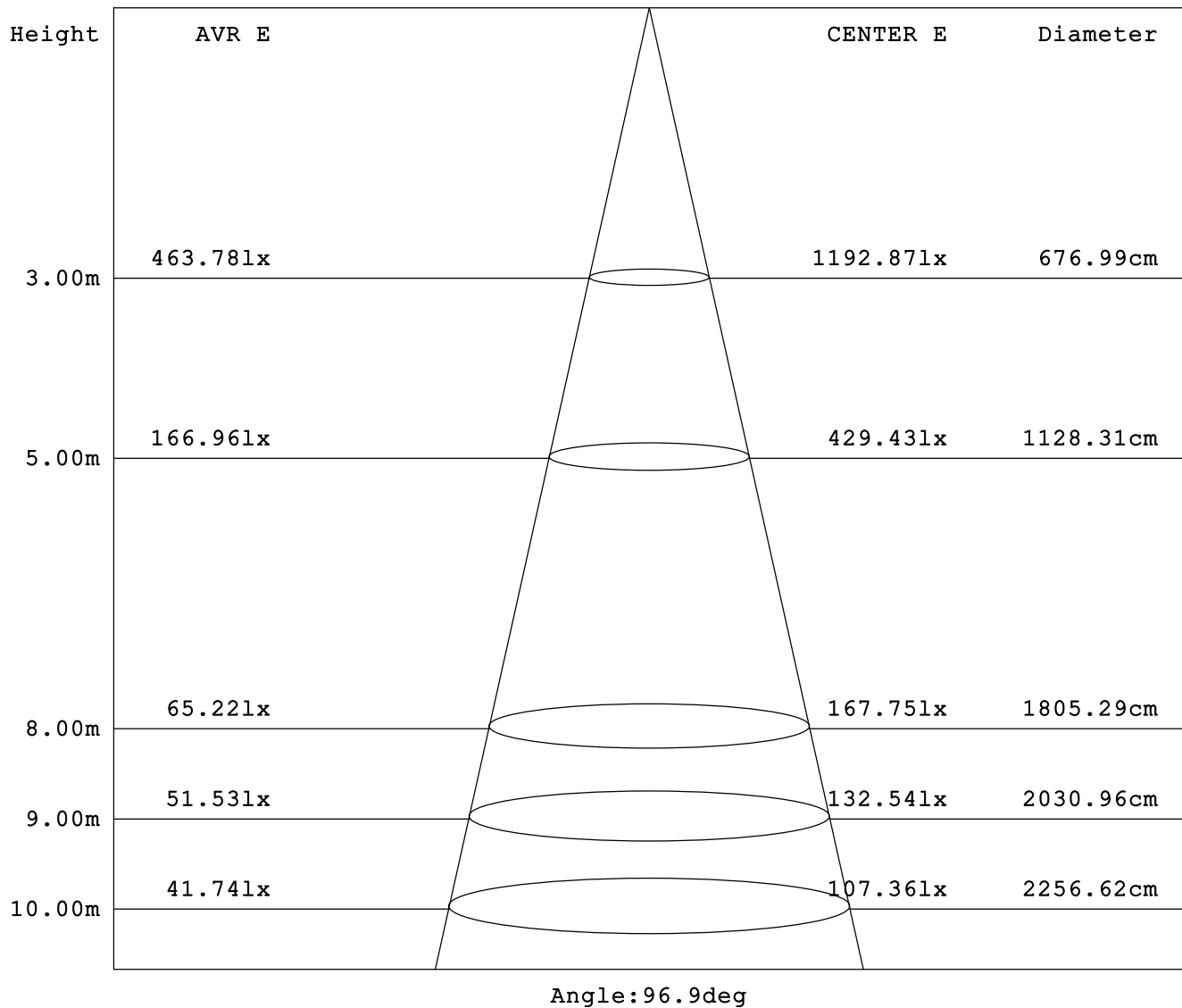
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## AVERAGE AND CENTER E Figure

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SPECIFICATION:2835 LED	DIMENSION: 90deg	SERIAL No.:



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## ZONAL FLUX DIAGRAM

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NAME: IL-FL19-N15040-90	TYPE: 4000K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 90deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1058	1056	1057	1058	1059	1058	1058	1058	0- 5	253.8	253.8
10.0	1041	1038	1039	1040	1042	1040	1042	1042	5- 10	750.6	1004
15.0	1013	1009	1011	1012	1015	1012	1015	1014	10- 15	1218	2223
20.0	972.6	969.1	968.4	970.0	972.3	969.9	975.1	974.5	15- 20	1636	3858
25.0	915.8	914.7	911.3	914.9	913.9	914.9	918.0	922.8	20- 25	1980	5838
30.0	846.9	846.1	840.4	839.9	836.1	844.2	850.3	855.0	25- 30	2228	8066
35.0	768.2	764.9	755.1	749.2	746.3	760.5	769.4	777.5	30- 35	2365	10432
40.0	689.0	678.8	667.9	653.9	651.5	668.7	685.2	693.7	35- 40	2392	12824
45.0	606.7	592.8	581.1	563.2	561.8	578.3	602.0	609.1	40- 45	2332	15156
50.0	520.3	505.3	493.6	475.5	471.2	487.6	512.7	519.3	45- 50	2191	17347
55.0	422.2	411.1	396.6	382.4	377.9	394.2	415.4	424.3	50- 55	1962	19309
60.0	307.8	306.9	290.6	281.2	273.6	293.4	309.3	321.6	55- 60	1622	20931
65.0	110.7	194.8	100.7	183.6	103.9	192.6	121.1	224.2	60- 65	1128	22059
70.0	30.16	71.06	24.94	67.89	25.94	73.04	27.31	76.26	65- 70	473.2	22532
75.0	16.76	18.61	15.58	15.03	15.39	16.47	16.02	18.85	70- 75	157.6	22690
80.0	7.844	8.041	7.510	7.273	7.118	6.878	8.089	7.797	75- 80	63.44	22754
85.0	1.672	2.421	1.505	1.988	1.547	1.662	1.969	2.133	80- 85	24.44	22778
90.0	0.315	0.423	0.135	0.398	0.344	0.144	0.367	0.165	85- 90	4.629	22783
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	

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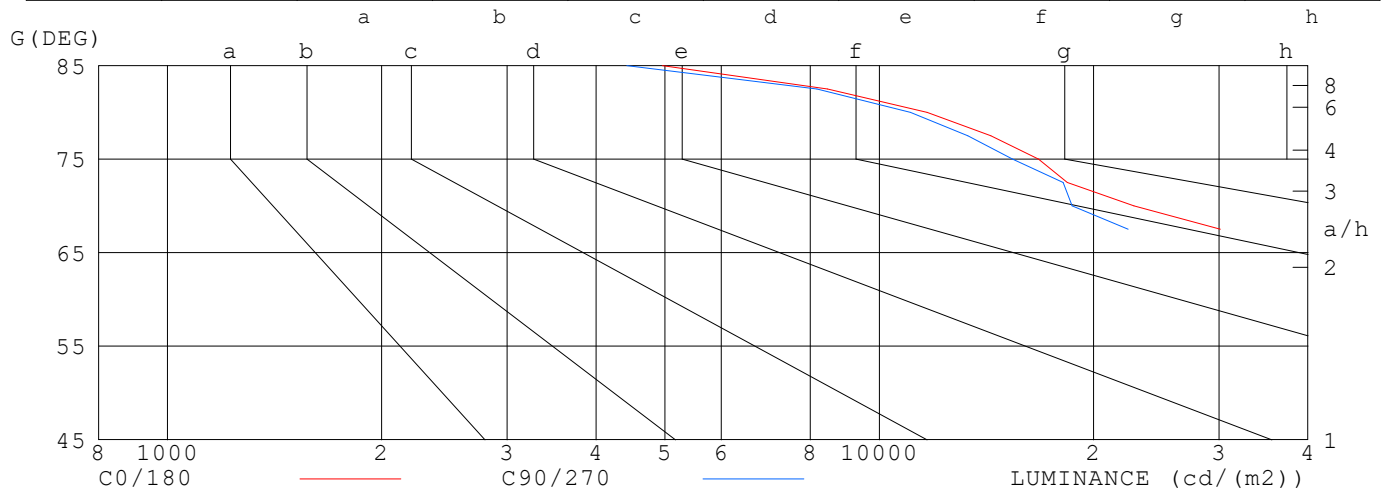
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: IL-FL19-N15040-90</b>	<b>TYPE: 4000K</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 2835 LED</b>	<b>DIMENSION: 90deg</b>	<b>SERIAL No.:</b>

### 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



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4957	4419
80	11672	11061
75	16740	15395
70	22787	18651
65	67685	60962
60	159104	148676
55	190232	176855
50	209181	196380
45	221712	210180

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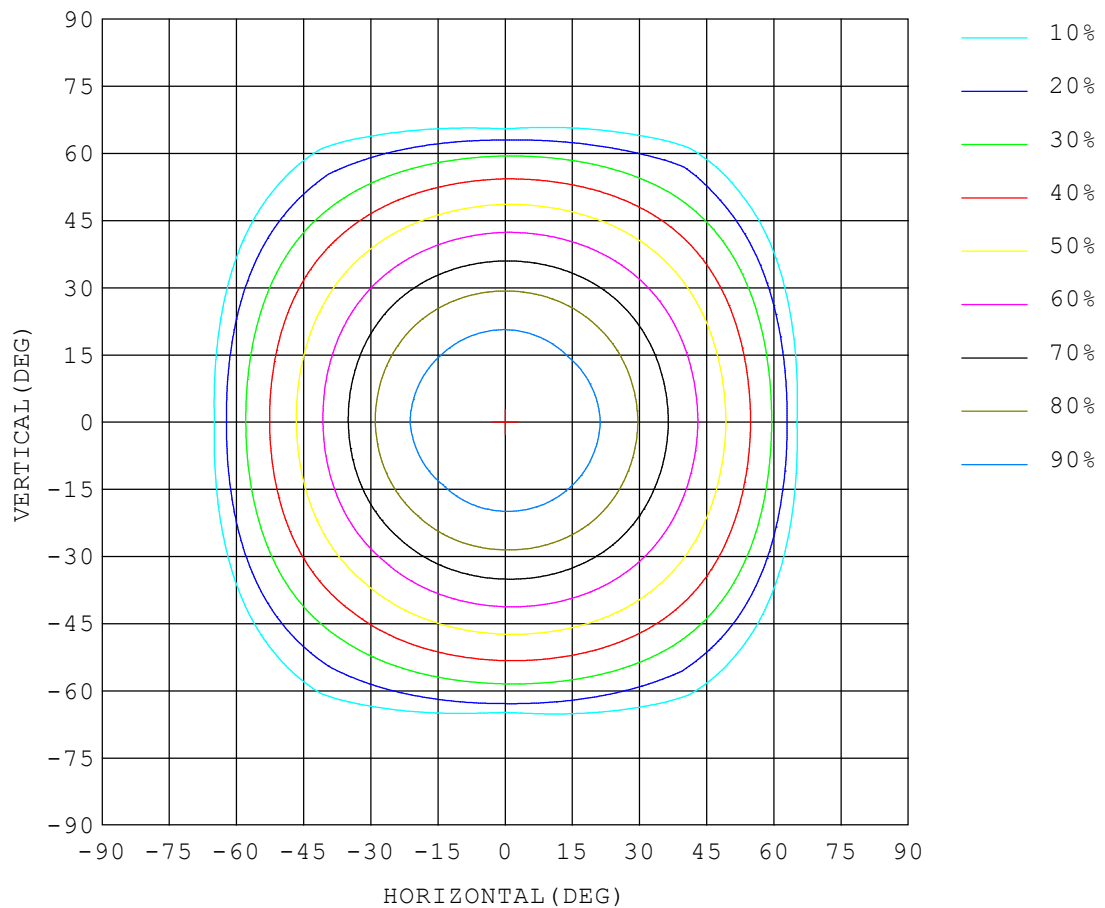
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## ISOCANDELA DIAGRAM

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UNIT: cd



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