

LUMINAIRE PHOTOMETRIC TEST REPORT

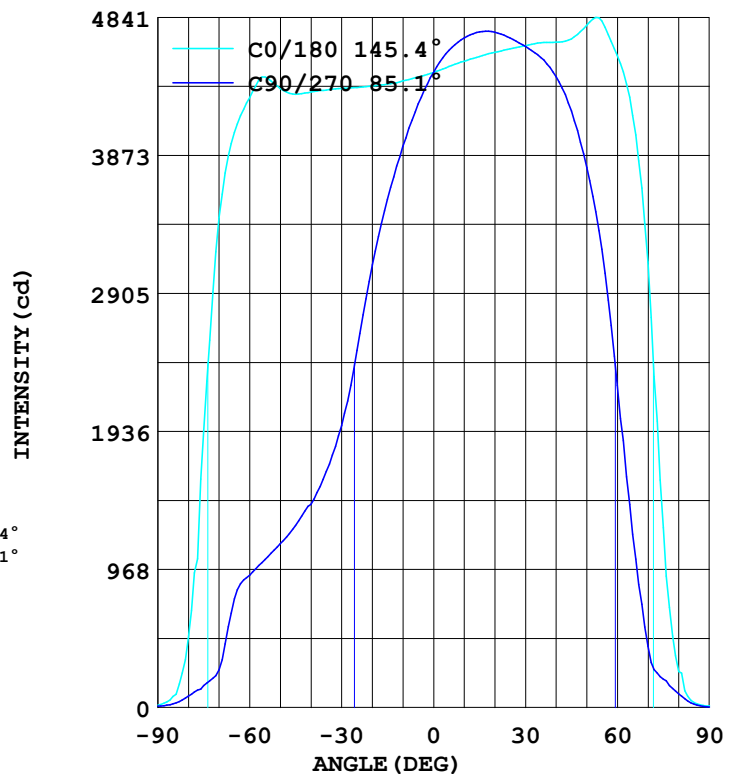
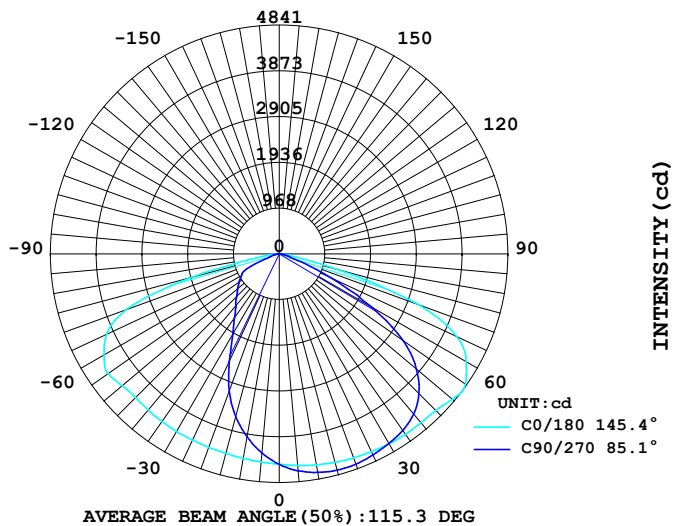
Report number:

MANUFACTURER:	Address:	
NAME: IL-FL19-N9040-TY2	TYPE: 4000K	WEIGHT:
SPECIFICATION: 2835LED	DIMENSION: type2	SERIAL No.:

DATA OF LAMP		Imax(cd)	5143	S/MH (C0/180)	1.50
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.83
NOMINAL POWER(W)	90	TOTAL FLUX(lm)	14382	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.8	Current(A)	0.396
NOMINAL FLUX(lm)	14382.0	η up (%)	0.0	Power(W)	89.98
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	14382.0	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.18

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

Color Temperature Data List

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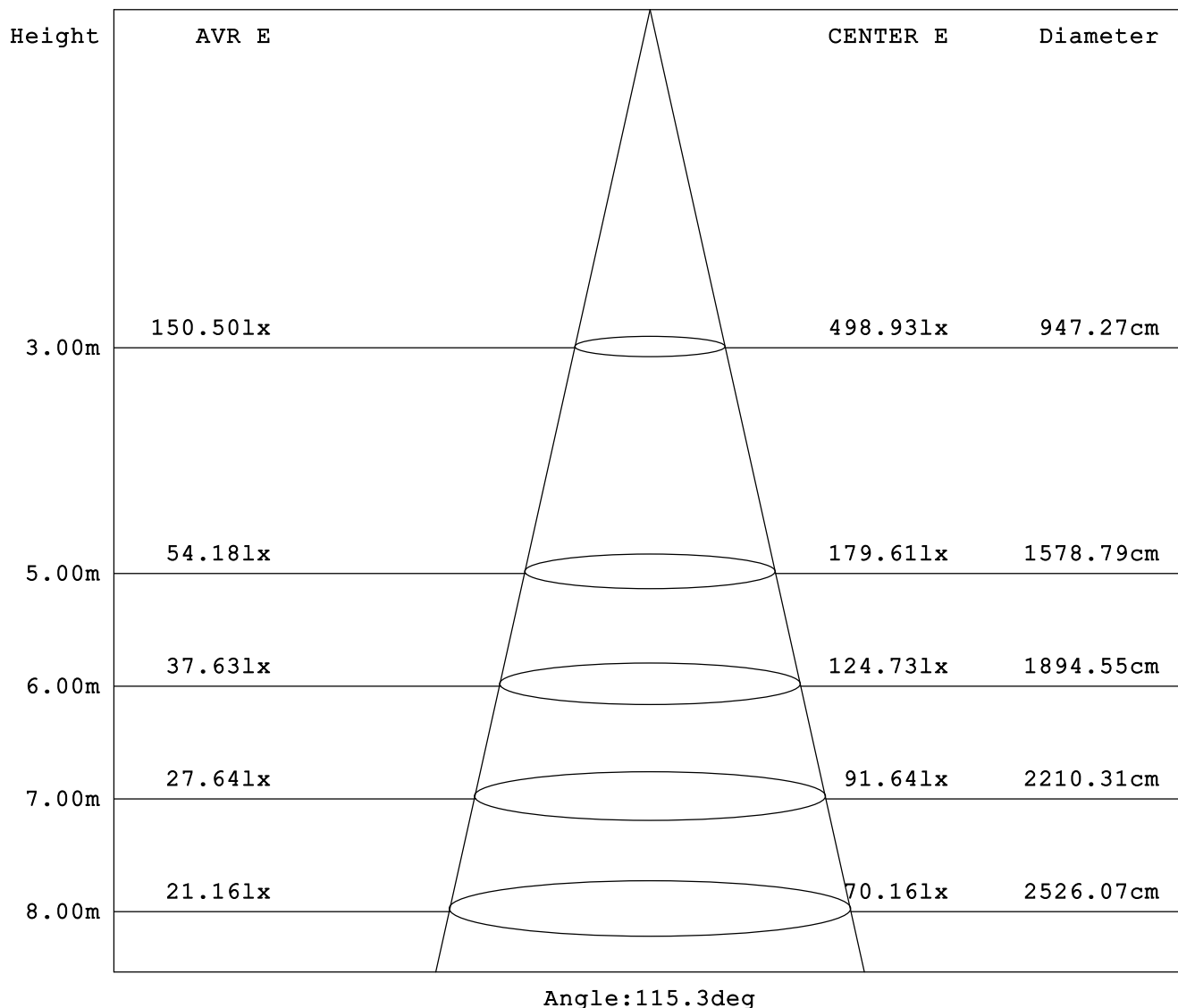
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	4422	4275	4233	4337	4496	4606	4609	4540	0- 5	106.3	106.3
10.0	4395	4070	3936	4186	4533	4714	4696	4593	5- 10	315.7	422.1
15.0	4372	3840	3564	4003	4566	4784	4739	4620	10- 15	516.0	938.1
20.0	4360	3599	3104	3796	4596	4829	4736	4626	15- 20	701.7	1640
25.0	4349	3311	2505	3543	4619	4849	4696	4611	20- 25	866.1	2506
30.0	4342	2962	1977	3219	4643	4844	4637	4581	25- 30	1005	3511
35.0	4331	2538	1656	2796	4663	4823	4560	4539	30- 35	1120	4631
40.0	4317	2025	1425	2259	4667	4797	4425	4499	35- 40	1218	5849
45.0	4302	1599	1278	1733	4690	4747	4184	4446	40- 45	1296	7145
50.0	4341	1314	1150	1348	4785	4657	3786	4357	45- 50	1353	8499
55.0	4423	1104	1039	1091	4815	4507	3214	4207	50- 55	1383	9881
60.0	4279	924.8	929.0	884.9	4574	4147	2260	3906	55- 60	1346	11227
65.0	4034	765.3	763.2	714.0	4154	3439	1216	3299	60- 65	1213	12440
70.0	3437	613.0	264.6	508.7	3124	2242	429.5	2289	65- 70	980.8	13421
75.0	1937	321.0	153.8	161.0	1260	639.4	197.6	882.1	70- 75	621.8	14043
80.0	484.0	86.78	79.84	55.68	252.6	116.4	95.89	184.3	75- 80	261.9	14305
85.0	78.02	28.06	25.08	15.55	34.97	37.18	23.30	66.32	80- 85	65.63	14370
90.0	16.77	8.307	9.113	8.219	12.37	10.64	4.193	15.39	85- 90	11.73	14382
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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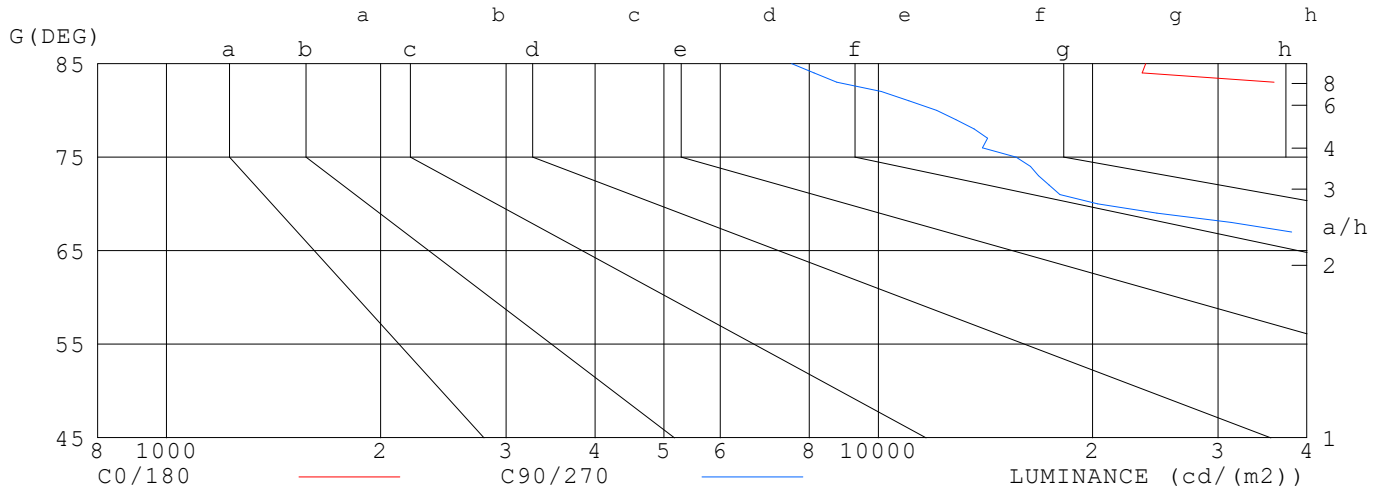
LUMINANCE LIMITATION CURVES

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SPECIFICATION: 2835LED		DIMENSION: type2	SERIAL No.:

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	23747	7559
80	73940	12077
75	198475	15617
70	266593	20322
65	253195	47434
60	227012	48804
55	204551	47592
50	179158	46973
45	161379	47455

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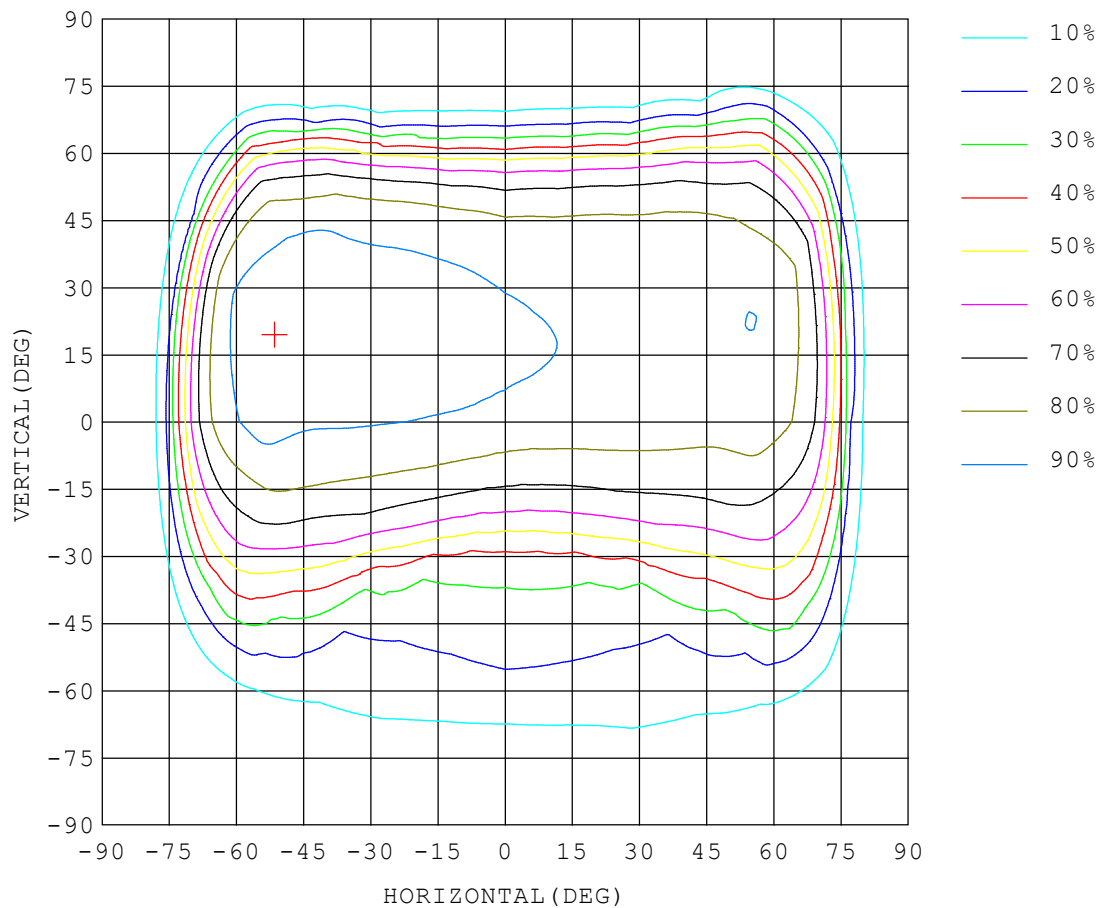
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ISOCANDELA DIAGRAM

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UNIT: cd



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