

LUMINAIRE PHOTOMETRIC TEST REPORT

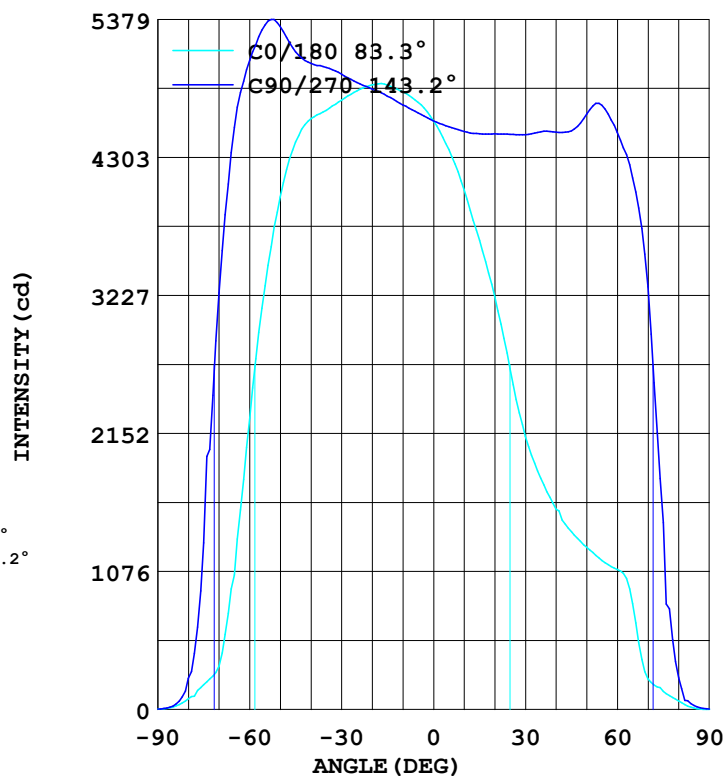
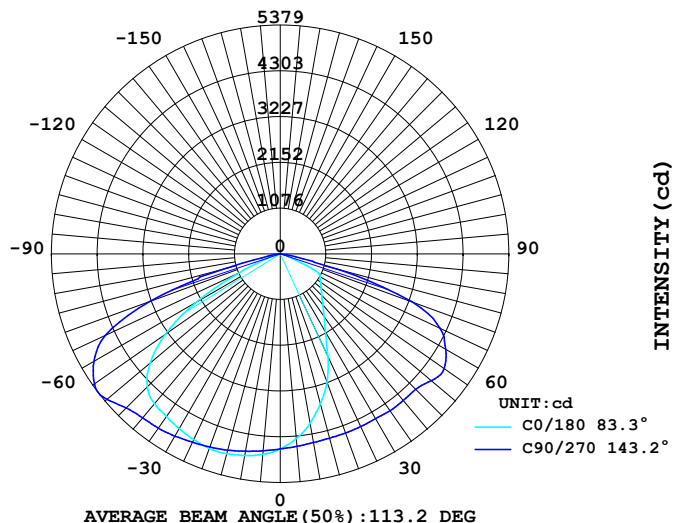
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N10040-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、80X150deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	5642	S/MH (C0/180)	1.55
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.66
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	14949	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.8	Current(A)	0.439
NOMINAL FLUX(lm)	14949.4	η up (%)	0.0	Power(W)	99.80
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	14949.4	EEI	0.100

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2024.11.21

Test Set: 6.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

Color Temperature Data List

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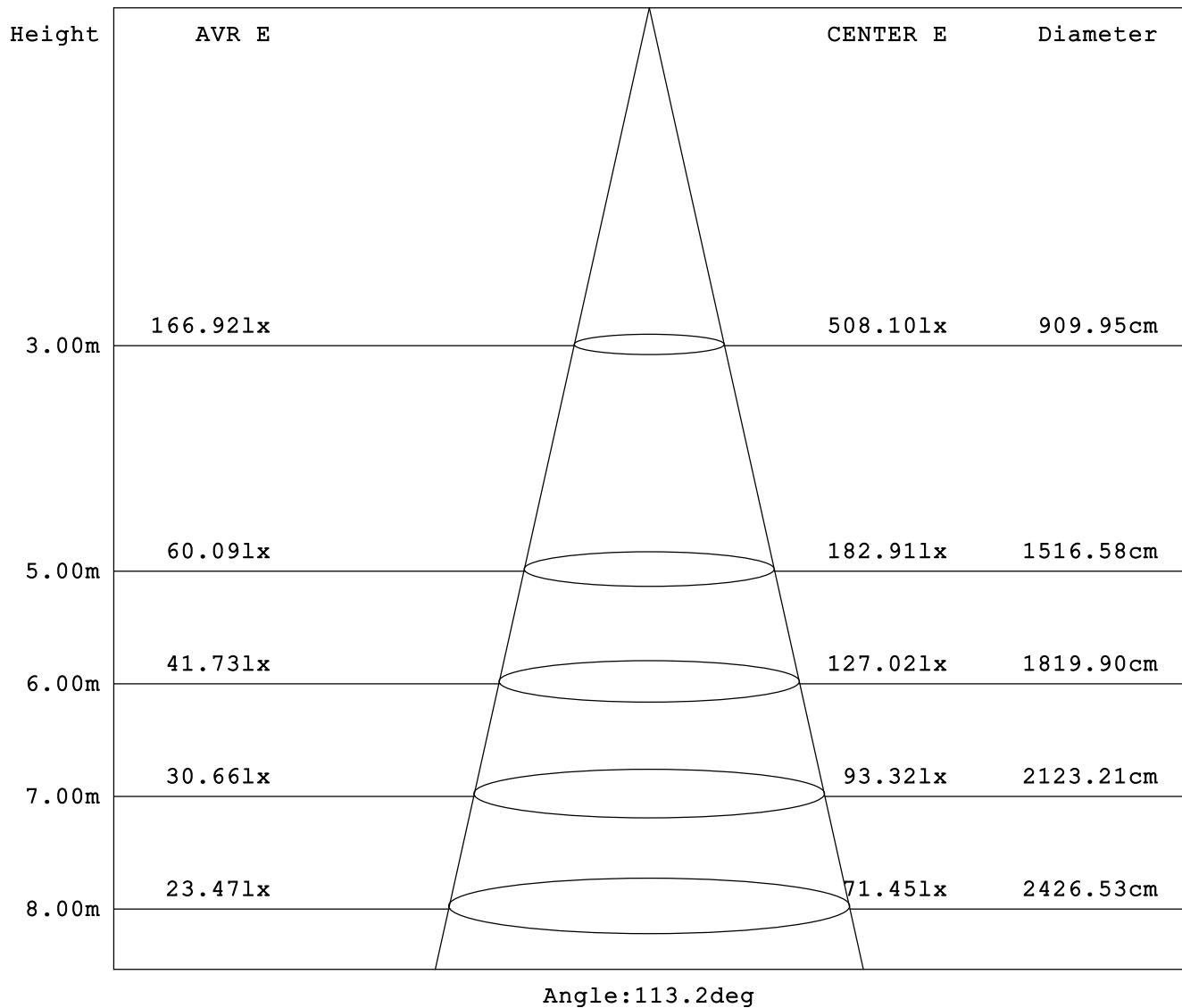
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	4733	4744	4649	4480	4364	4401	4542	4663	0- 5	109.4	109.4
10.0	4813	4859	4713	4345	4049	4192	4504	4704	5- 10	325.3	434.8
15.0	4865	4947	4780	4161	3657	3930	4487	4731	10- 15	531.7	966.6
20.0	4868	5020	4834	3945	3221	3673	4487	4741	15- 20	725.0	1692
25.0	4821	5062	4886	3675	2655	3374	4482	4748	20- 25	898.3	2590
30.0	4750	5070	4952	3373	2126	3037	4481	4724	25- 30	1047	3636
35.0	4669	5055	5004	3008	1802	2626	4502	4684	30- 35	1171	4808
40.0	4604	5033	5036	2514	1559	2121	4501	4641	35- 40	1279	6087
45.0	4422	4997	5126	1982	1385	1669	4509	4591	40- 45	1370	7457
50.0	3993	4929	5323	1560	1264	1377	4641	4521	45- 50	1442	8899
55.0	3302	4770	5336	1248	1162	1168	4708	4409	50- 55	1484	10383
60.0	2271	4402	5060	1082	1091	990.9	4496	4065	55- 60	1441	11824
65.0	1049	3632	4537	898.6	823.6	843.7	4143	3311	60- 65	1288	13112
70.0	337.5	2225	3247	621.6	238.0	608.4	3294	1992	65- 70	1002	14114
75.0	193.7	550.8	1300	224.7	142.1	209.0	1456	490.0	70- 75	588.7	14703
80.0	83.99	118.9	242.0	73.34	66.34	68.69	246.3	111.8	75- 80	202.7	14906
85.0	19.56	29.88	26.62	20.77	10.77	18.33	30.93	28.42	80- 85	38.05	14944
90.0	3.048	1.497	4.031	4.070	1.346	4.065	4.239	1.754	85- 90	5.776	14949
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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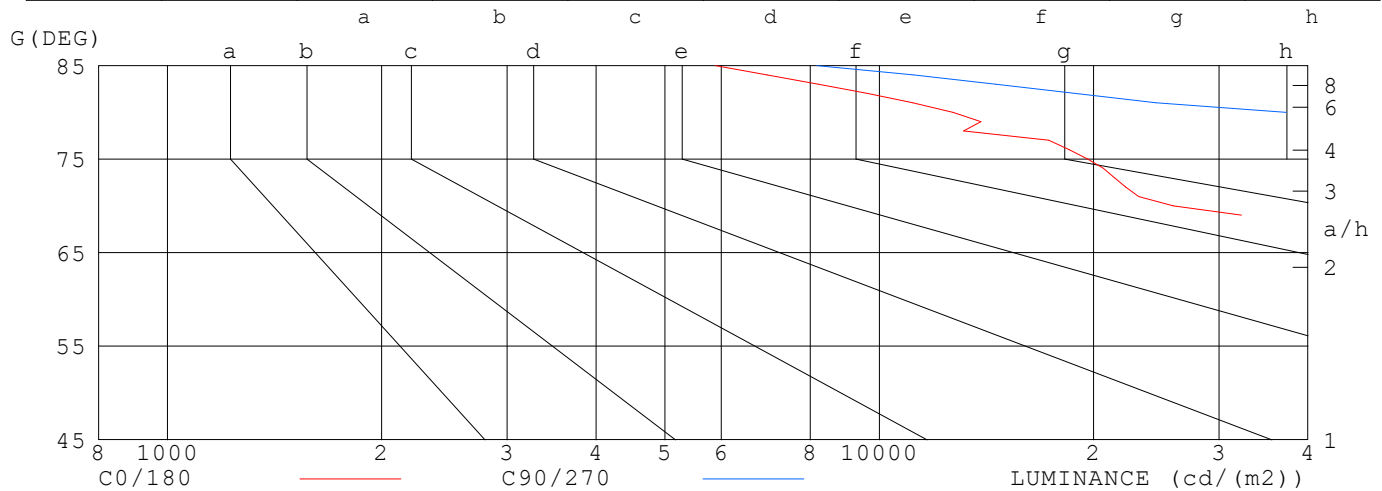
LUMINANCE LIMITATION CURVES

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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	5889	8172
80	12691	37301
75	19637	134348
70	25892	254025
65	65103	287245
60	119182	270748
55	151052	248896
50	162969	221564
45	164054	193949

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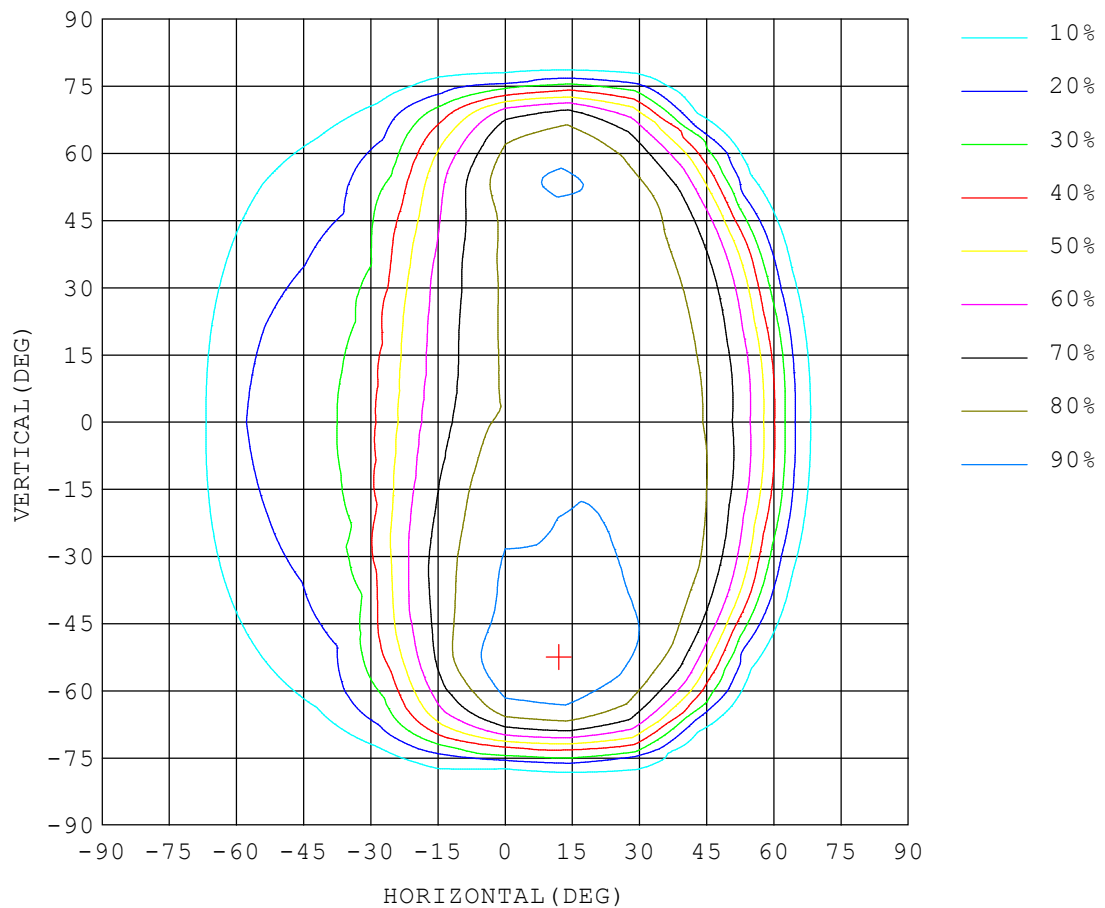
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UNIT: cd



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