

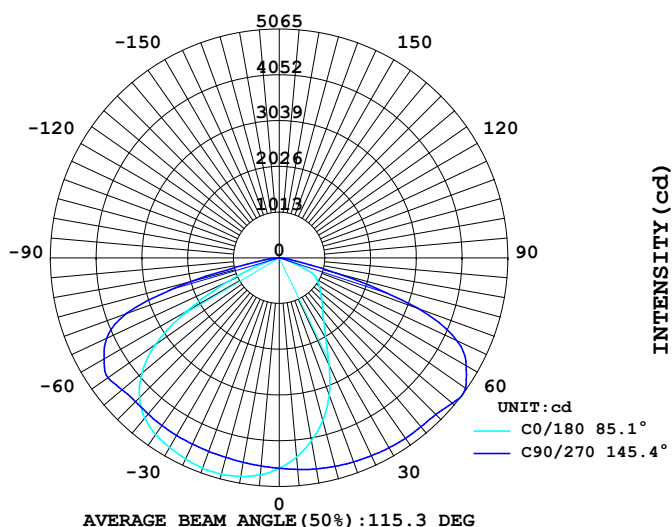
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

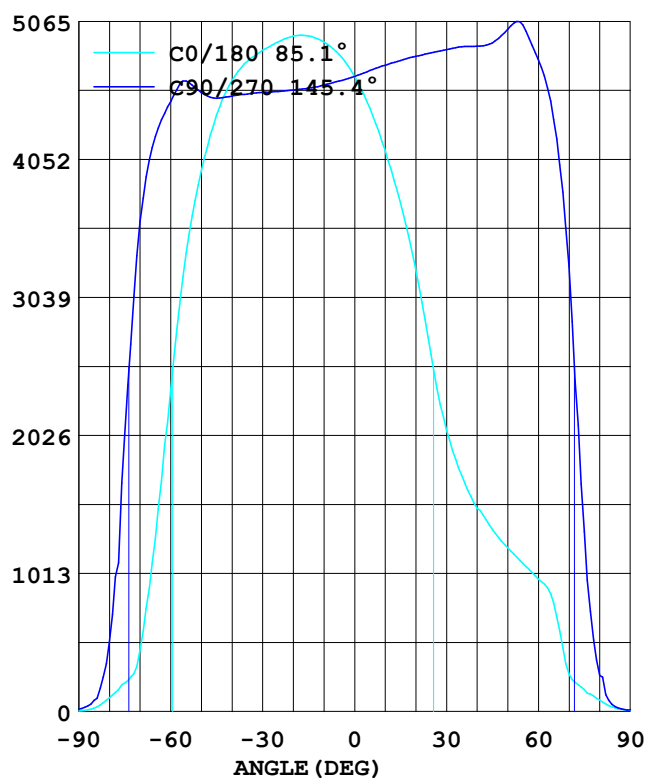
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N10040-TY2	WEIGHT:
SPECIFICATION: 2835LED、4000K、type2	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	5380	S/MH (C0/180)	1.55
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.50
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	15046	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.2	Current(A)	0.441
NOMINAL FLUX(lm)	15046.0	η up (%)	0.0	Power(W)	100.1
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	15046.0	EEI	0.100

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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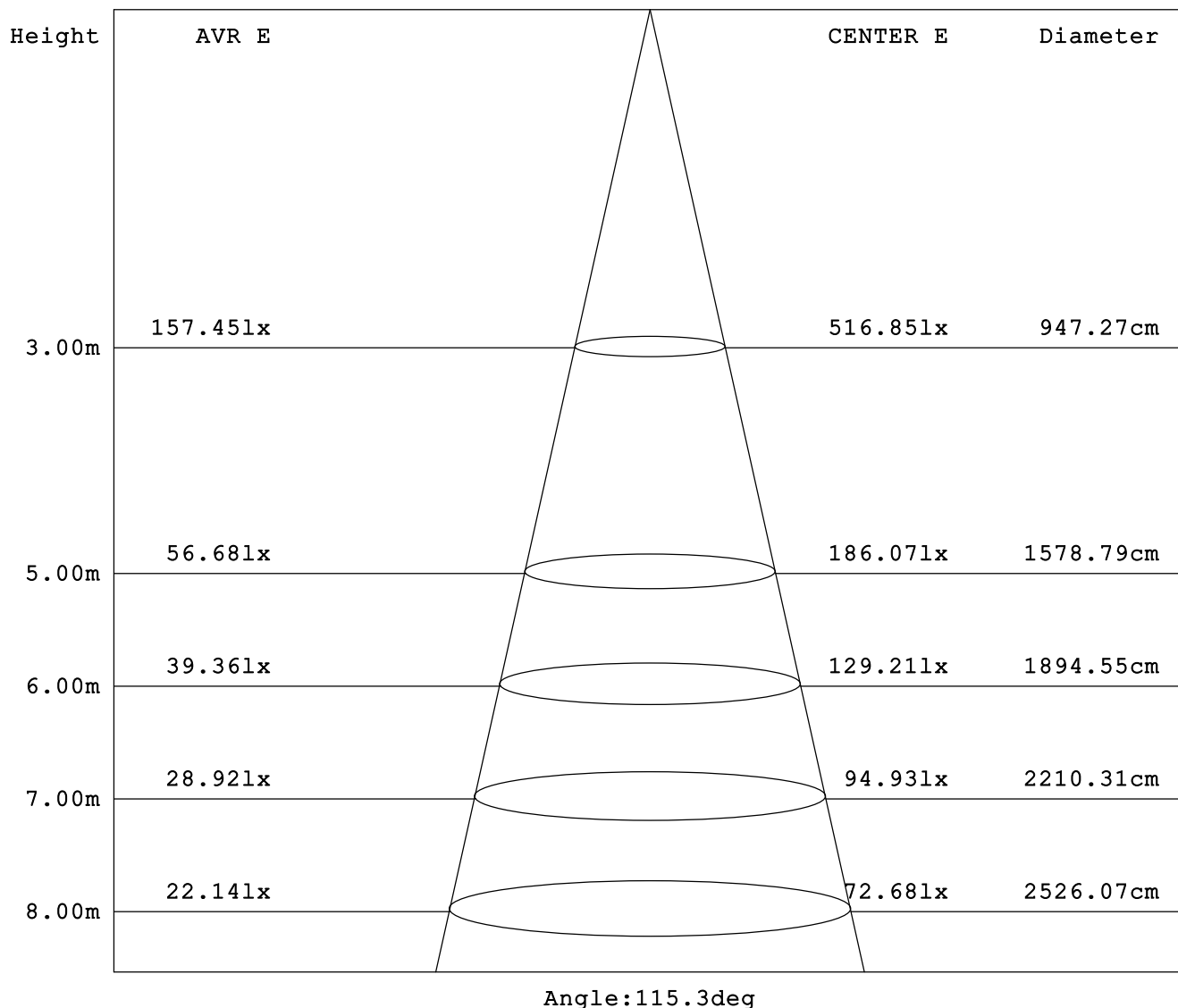
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AVERAGE AND CENTER E Figure

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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	4822	4750	4626	4473	4429	4538	4703	4818	0- 5	111.2	111.2
10.0	4913	4805	4597	4258	4118	4379	4743	4932	5- 10	330.3	441.5
15.0	4957	4833	4574	4018	3728	4188	4777	5004	10- 15	539.8	981.4
20.0	4955	4840	4561	3765	3247	3971	4808	5052	15- 20	734.1	1716
25.0	4913	4824	4550	3464	2621	3707	4832	5072	20- 25	906.1	2622
30.0	4851	4792	4542	3099	2068	3368	4858	5067	25- 30	1051	3673
35.0	4770	4749	4531	2655	1732	2925	4878	5046	30- 35	1172	4845
40.0	4630	4706	4516	2119	1490	2363	4882	5019	35- 40	1274	6119
45.0	4377	4651	4501	1673	1337	1813	4907	4966	40- 45	1356	7475
50.0	3961	4558	4542	1374	1203	1410	5006	4871	45- 50	1416	8891
55.0	3362	4401	4627	1155	1087	1141	5037	4715	50- 55	1446	10338
60.0	2365	4086	4477	967.5	971.9	925.8	4785	4339	55- 60	1408	11745
65.0	1272	3451	4220	800.6	798.4	747.0	4345	3598	60- 65	1269	13014
70.0	449.3	2395	3596	641.3	276.8	532.2	3268	2346	65- 70	1026	14040
75.0	206.8	922.9	2026	335.9	160.9	168.5	1318	668.9	70- 75	650.6	14691
80.0	100.3	192.8	506.3	90.79	83.53	58.25	264.3	121.8	75- 80	273.9	14965
85.0	24.38	69.38	81.62	29.36	26.24	16.27	36.59	38.89	80- 85	68.66	15034
90.0	4.387	16.10	17.54	8.691	9.534	8.599	12.95	11.13	85- 90	12.28	15046
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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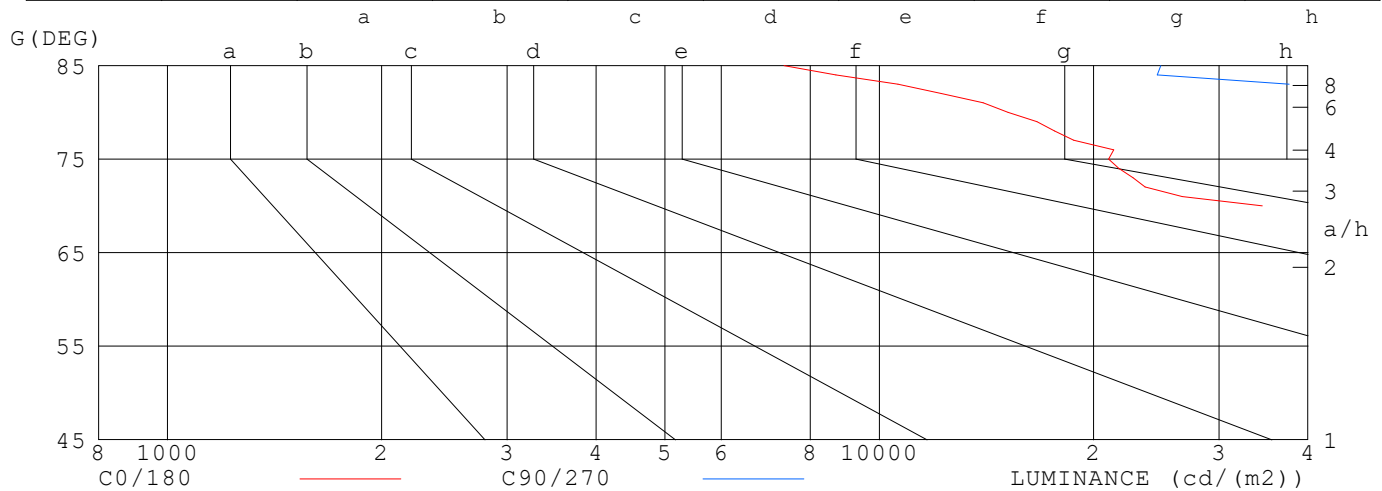
LUMINANCE LIMITATION CURVES

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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	7349	24843
80	15175	77354
75	20987	207638
70	34511	278902
65	79079	264884
60	124214	237493
55	153958	213995
50	161854	187430
45	162586	168829

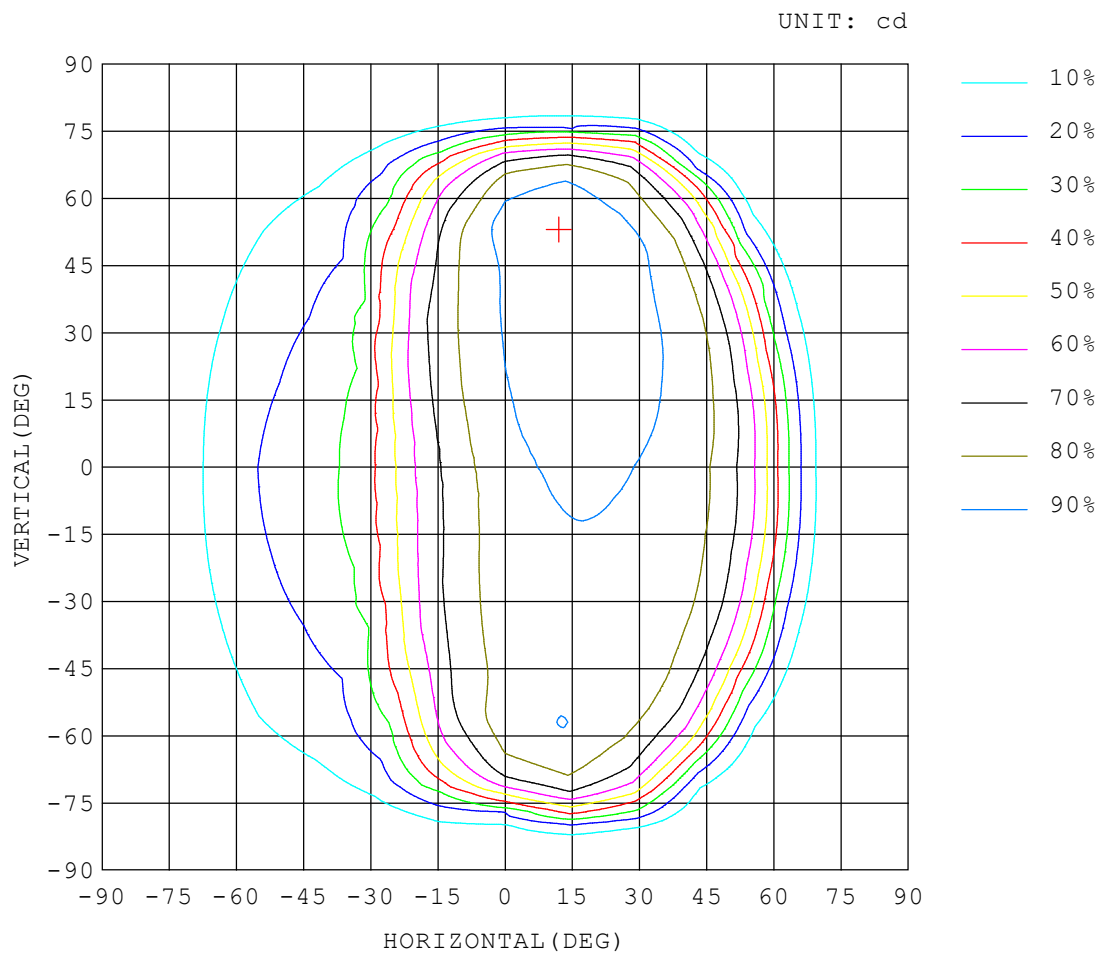
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