

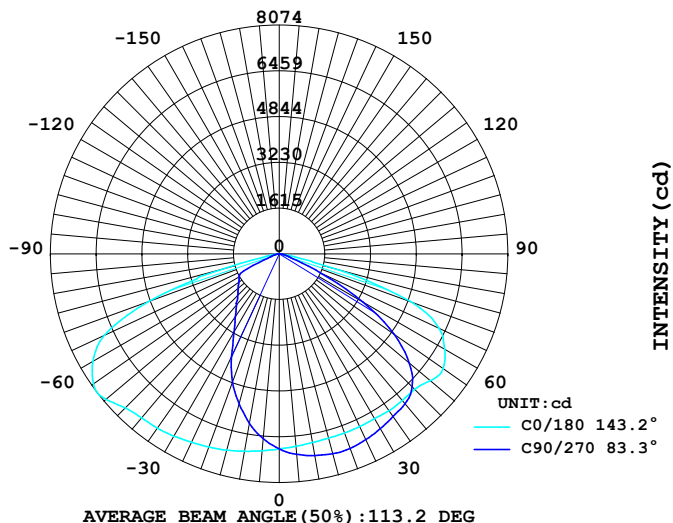
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

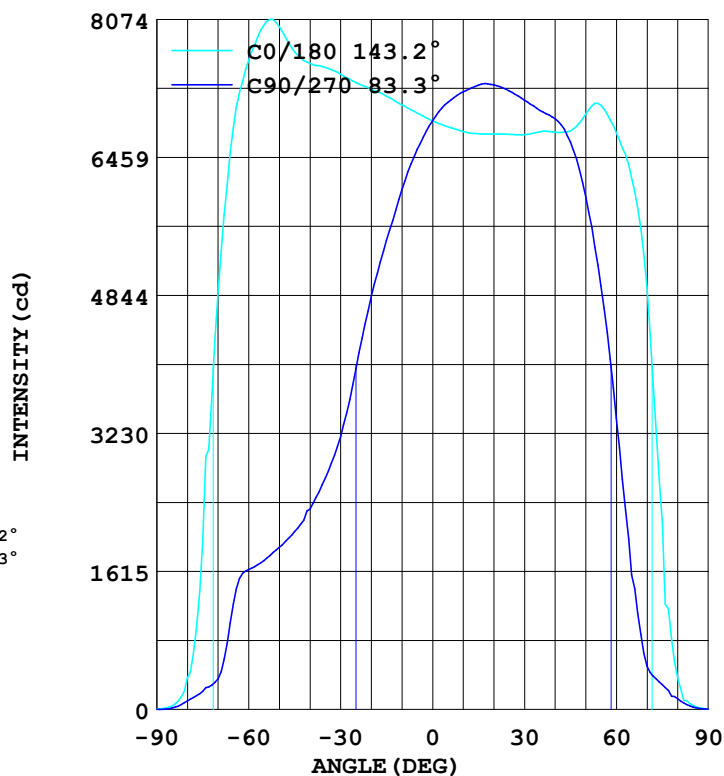
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、80X150deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	8468	S/MH (C0/180)	1.66
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.84
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	22439	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.8	Current(A)	0.659
NOMINAL FLUX(lm)	22439.4	η up (%)	0.0	Power(W)	149.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	22439.4	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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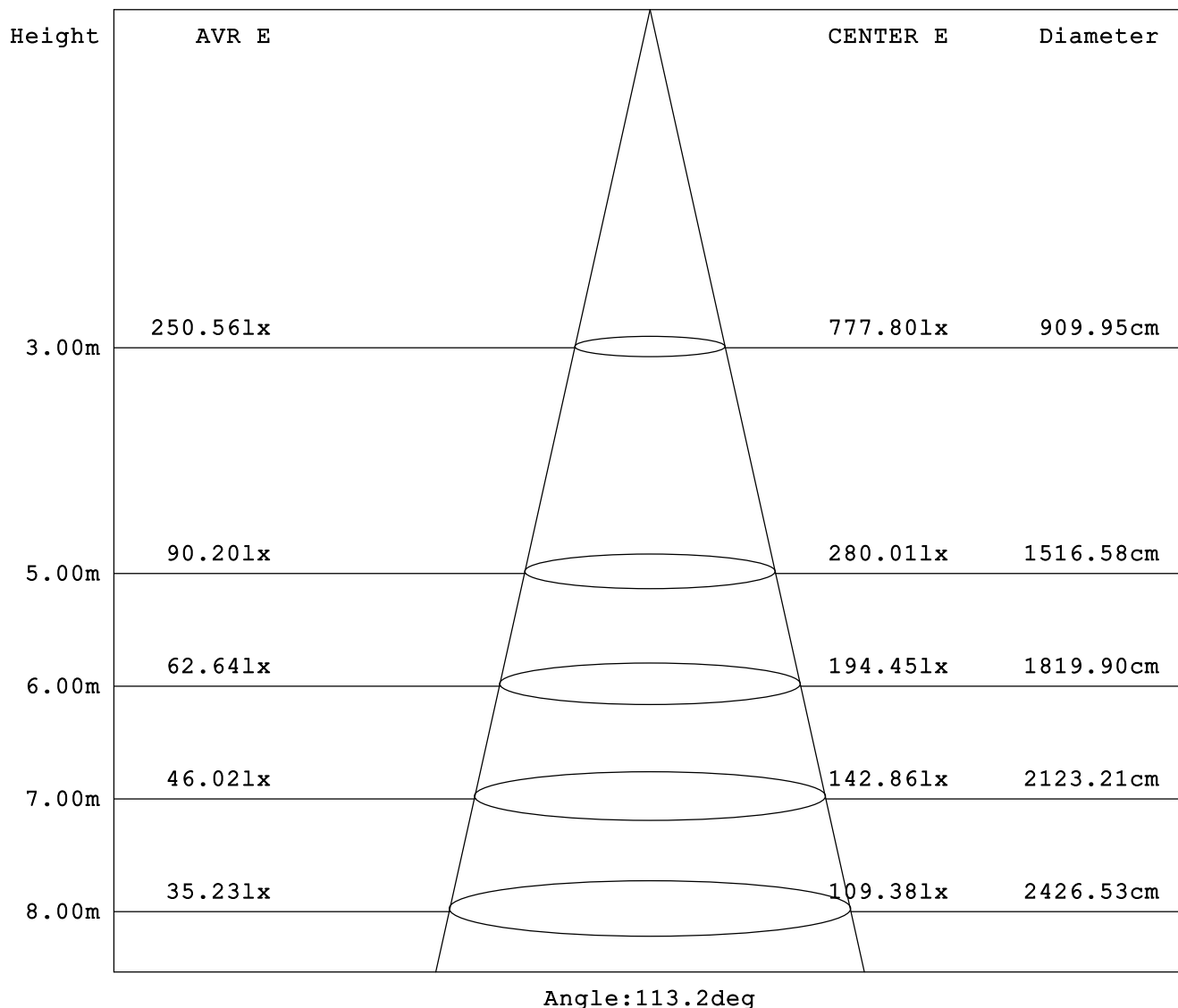
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AVERAGE AND CENTER E Figure

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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	6978	6725	6551	6606	6817	6999	7104	7120	0- 5	164.3	164.3
10.0	7074	6521	6078	6292	6760	7061	7225	7293	5- 10	488.4	652.7
15.0	7175	6245	5489	5898	6735	7102	7303	7425	10- 15	798.1	1451
20.0	7256	5921	4835	5514	6735	7117	7307	7535	15- 20	1088	2539
25.0	7334	5516	3986	5064	6727	7126	7236	7598	20- 25	1348	3888
30.0	7433	5062	3191	4559	6726	7092	7129	7610	25- 30	1571	5458
35.0	7511	4516	2705	3942	6757	7030	7008	7587	30- 35	1758	7217
40.0	7559	3773	2341	3183	6756	6966	6911	7554	35- 40	1920	9137
45.0	7694	2975	2079	2505	6768	6892	6637	7501	40- 45	2056	11193
50.0	7990	2342	1897	2067	6966	6787	5994	7398	45- 50	2164	13357
55.0	8009	1873	1745	1752	7067	6619	4957	7160	50- 55	2228	15585
60.0	7595	1624	1637	1487	6748	6102	3410	6608	55- 60	2163	17748
65.0	6810	1349	1236	1266	6219	4970	1574	5451	60- 65	1934	19681
70.0	4874	933.1	357.2	913.3	4944	2990	506.6	3339	65- 70	1504	21186
75.0	1951	337.3	213.3	313.7	2186	735.5	290.7	826.8	70- 75	883.7	22069
80.0	363.3	110.0	99.59	103.1	369.8	167.8	126.0	178.5	75- 80	304.2	22374
85.0	39.95	31.18	16.17	27.51	46.42	42.66	29.36	44.86	80- 85	57.12	22431
90.0	6.051	6.110	2.021	6.103	6.364	2.633	4.575	2.248	85- 90	8.670	22439
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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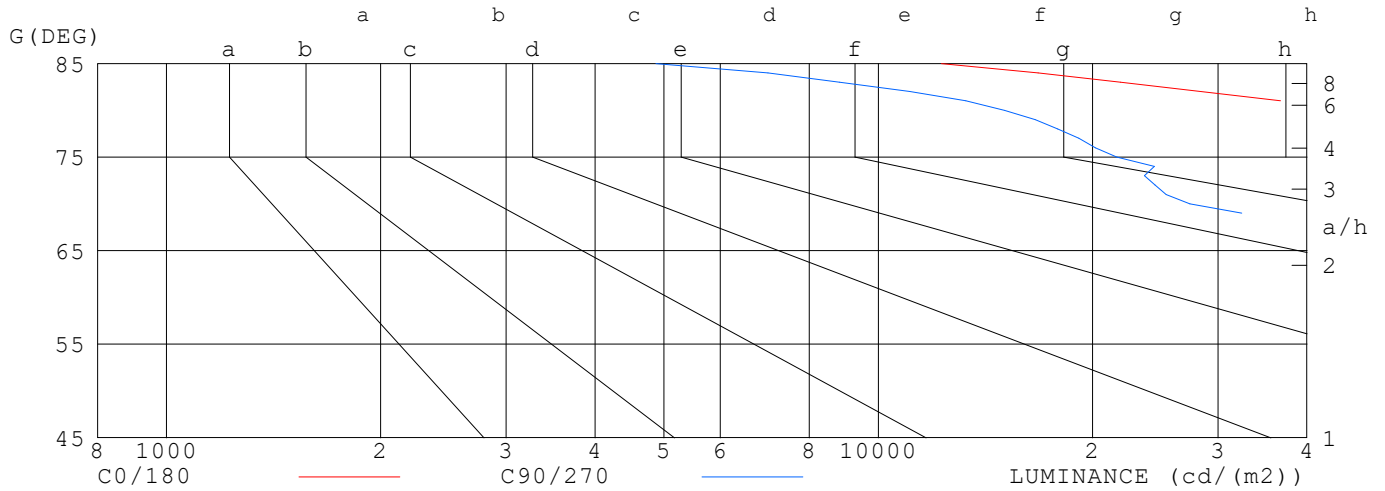
LUMINANCE LIMITATION CURVES

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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	12267	4868
80	55989	15046
75	201660	21624
70	381297	27406
65	431161	76744
60	406399	85886
55	373598	79808
50	332572	77425
45	291122	77121

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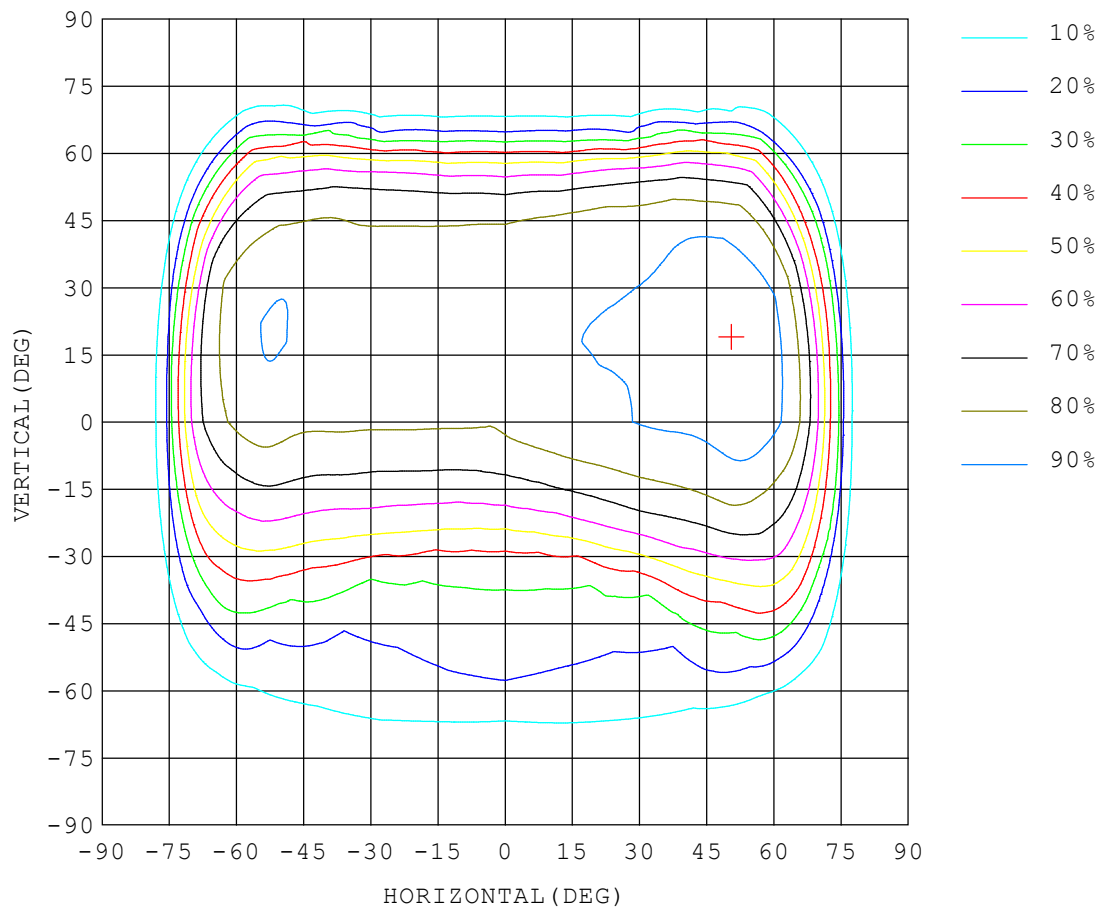
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ISOCANDELA DIAGRAM

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UNIT: cd



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