

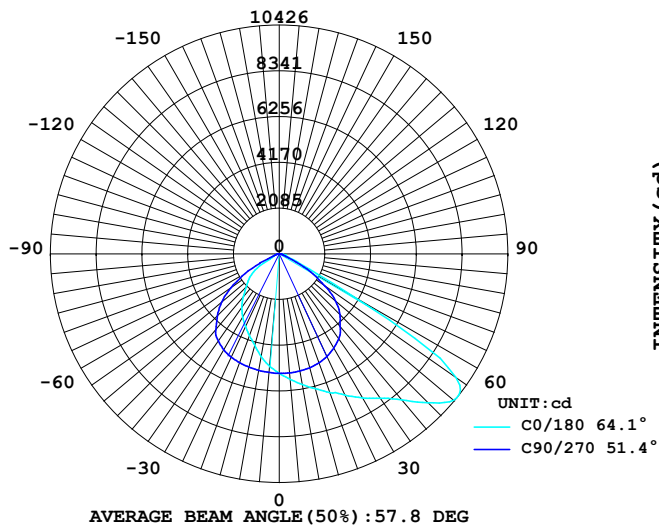
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

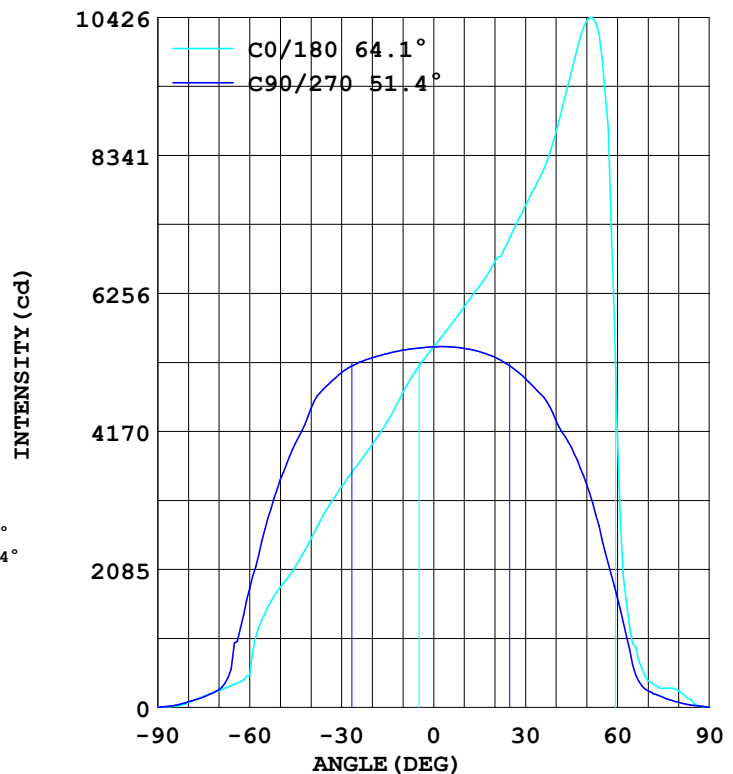
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N12040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	10726	S/MH (C0/180)	0.93
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.38
NOMINAL POWER(W)	120	TOTAL FLUX(lm)	16762	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	139.7	Current(A)	0.528
NOMINAL FLUX(lm)	16762.5	η up (%)	0.0	Power(W)	119.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	16762.4	EEI	0.107

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

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

Color Temperature Data List

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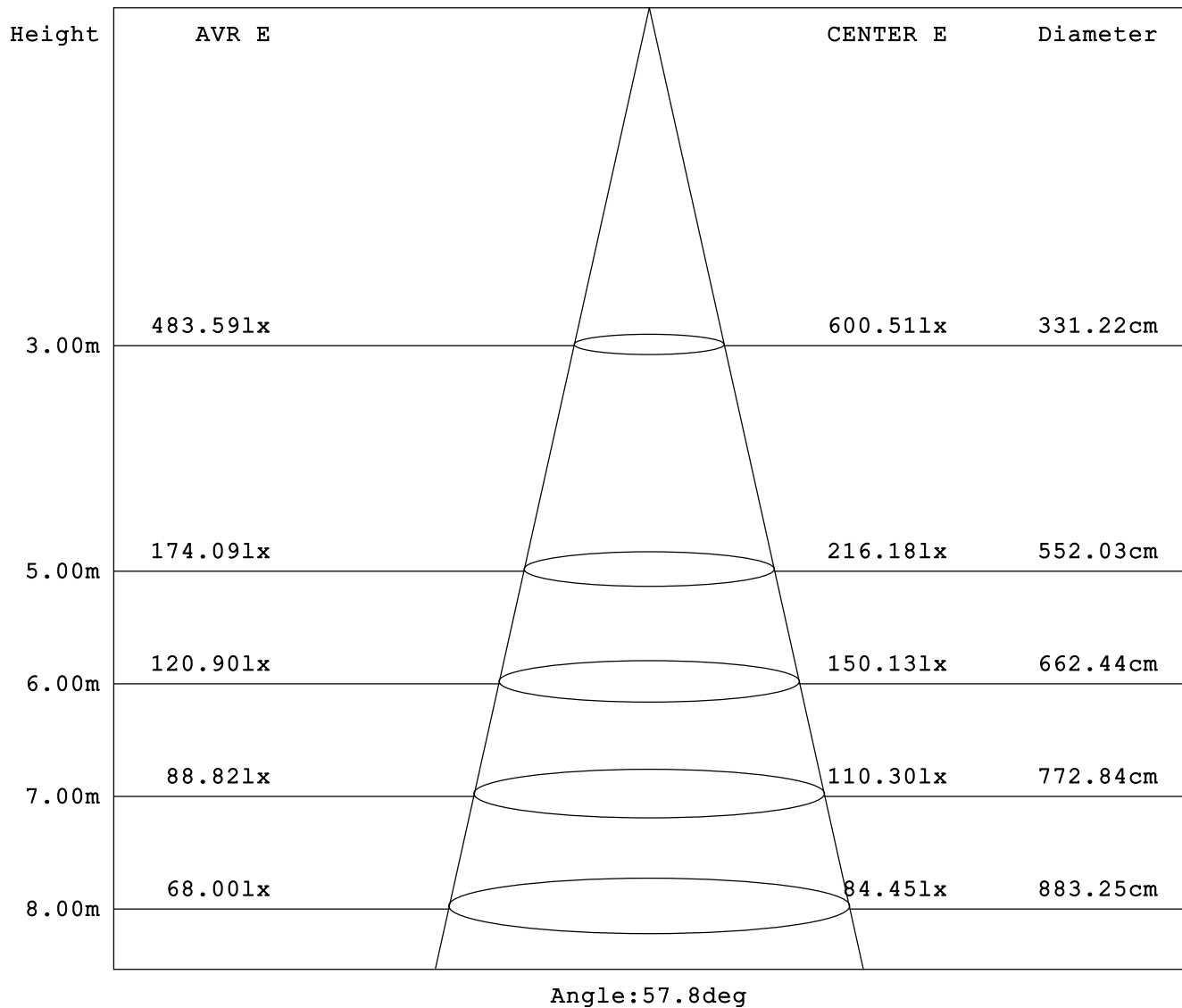
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	514.1	522.0	543.0	564.3	573.8	565.4	544.8	523.2	0- 5	130.1	130.1
10.0	475.3	494.7	539.7	584.6	605.3	586.9	542.3	496.6	5- 10	388.0	518.1
15.0	432.7	462.8	534.7	607.4	636.8	610.4	537.5	464.2	10- 15	638.4	1157
20.0	397.2	427.3	528.2	631.1	672.7	634.8	529.1	428.2	15- 20	878.8	2035
25.0	365.2	392.7	519.7	658.5	710.3	661.7	515.5	393.0	20- 25	1111	3146
30.0	333.7	359.7	505.8	687.8	758.2	692.1	497.0	359.6	25- 30	1332	4478
35.0	297.9	322.5	485.4	716.4	802.8	723.0	472.9	321.2	30- 35	1536	6014
40.0	254.5	275.9	451.3	740.3	869.8	751.8	433.0	275.8	35- 40	1709	7723
45.0	213.7	224.3	399.5	751.0	960.5	766.7	392.9	226.0	40- 45	1842	9565
50.0	181.7	162.3	343.8	727.9	1038	752.7	335.9	167.1	45- 50	1938	11502
55.0	142.5	103.6	270.1	636.0	983.4	663.8	254.4	107.2	50- 55	1940	13442
60.0	48.43	55.13	179.9	527.9	417.2	560.0	166.7	59.16	55- 60	1665	15107
65.0	34.91	32.19	97.47	354.6	96.50	396.7	64.77	33.69	60- 65	1001	16108
70.0	25.60	22.13	26.87	78.35	40.92	86.83	25.23	23.07	65- 70	408.4	16517
75.0	17.16	12.26	15.84	22.05	29.00	22.03	15.26	13.08	70- 75	131.8	16648
80.0	7.337	5.404	8.925	11.29	25.57	11.09	7.777	5.753	75- 80	72.23	16721
85.0	1.742	1.724	2.858	4.324	5.647	4.344	2.934	1.902	80- 85	32.97	16754
90.0	0.739	0.570	0.406	0.645	0.351	0.842	0.536	0.552	85- 90	8.911	16762
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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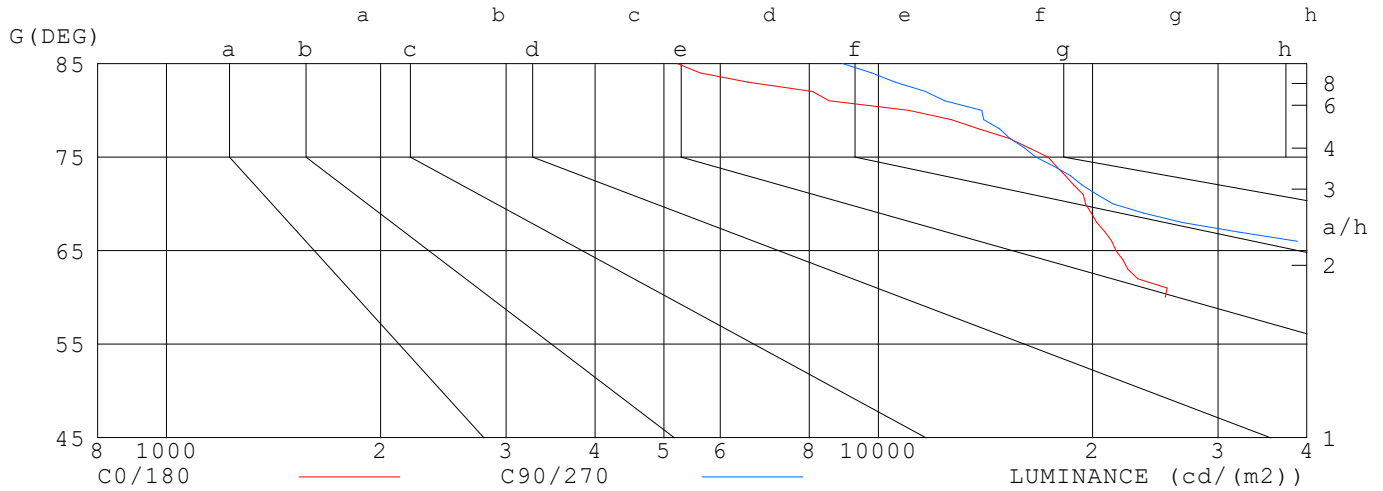
LUMINANCE LIMITATION CURVES

Report number:

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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	5221	8917
80	11033	13977
75	17316	16650
70	19552	21369
65	21571	62720
60	25293	97854
55	64885	128073
50	73821	145450
45	78946	153647

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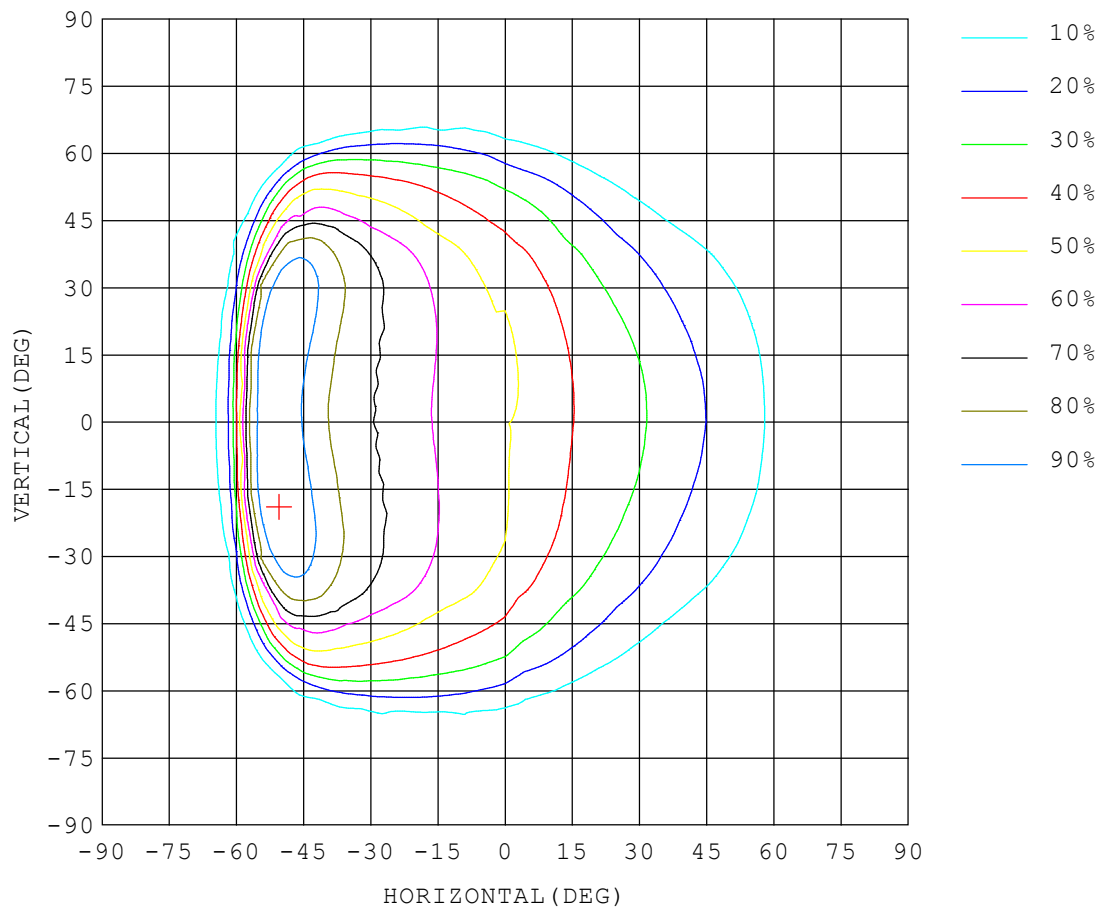
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ISOCANDELA DIAGRAM

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UNIT: cd



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