

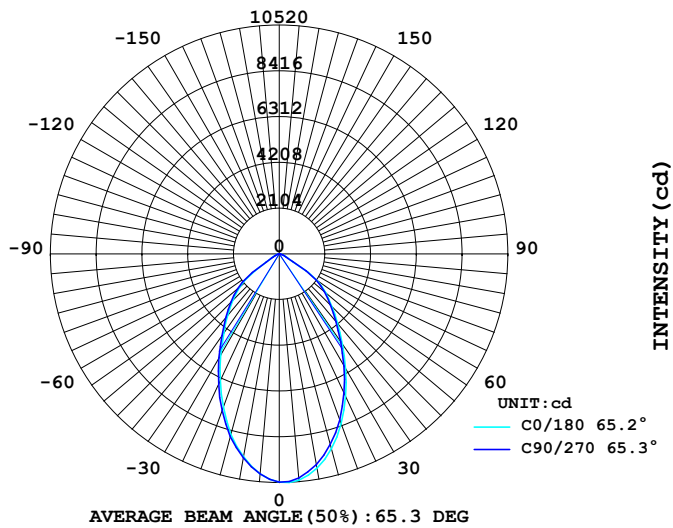
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

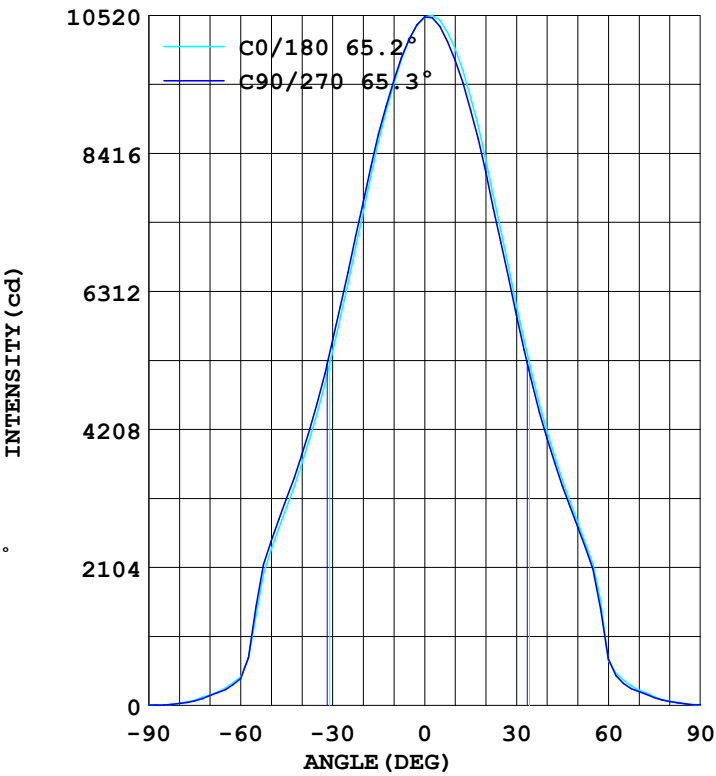
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N9040-60	WEIGHT:
SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	10520	S/MH (C0/180)	0.87
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.89
NOMINAL POWER(W)	90	TOTAL FLUX(lm)	14386	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.9	Current(A)	0.396
NOMINAL FLUX(lm)	14386.2	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)	14386.2	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2024.11.19

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

Color Temperature Data List

Report number:

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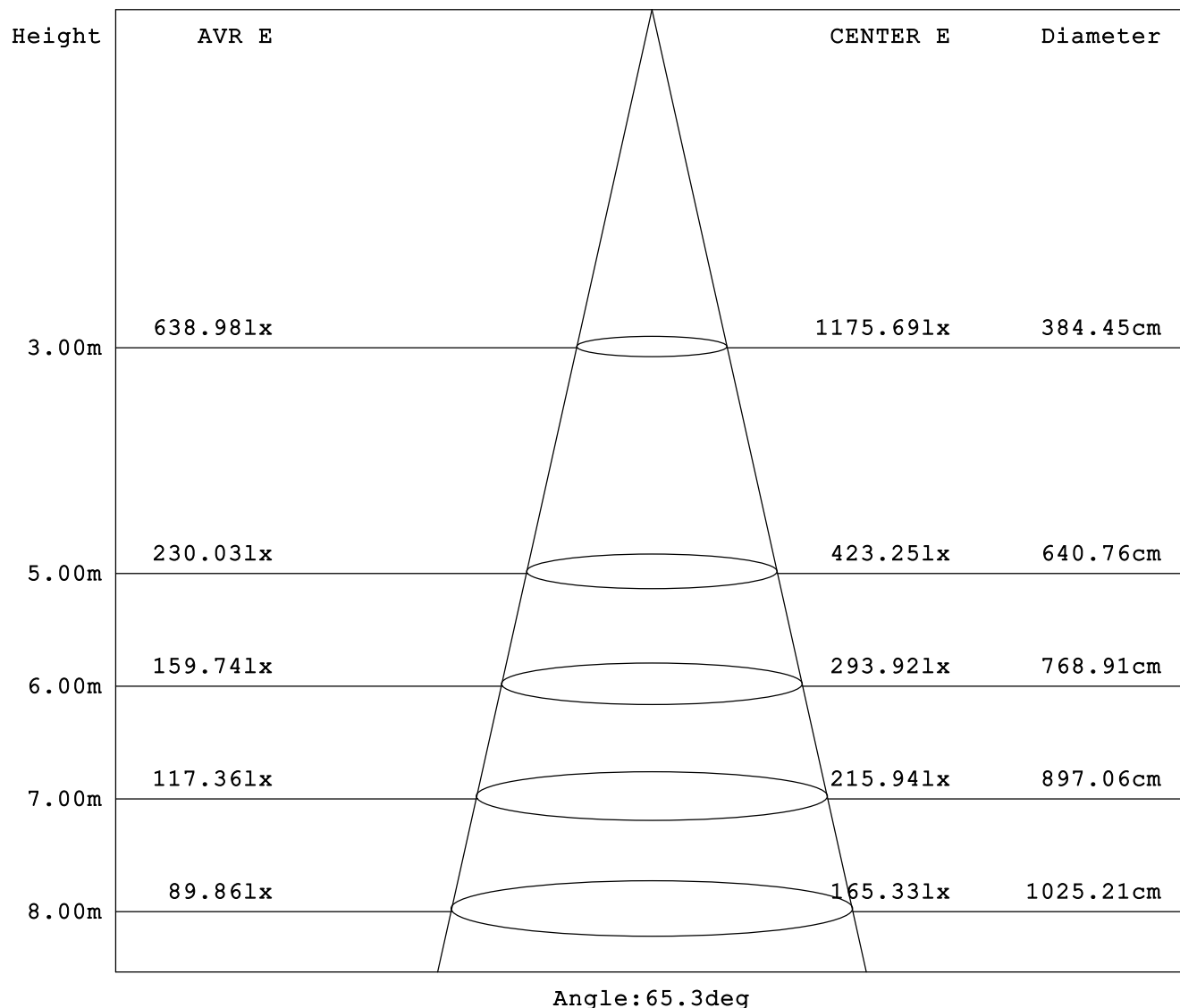
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Temperature: 25.3DEG
Operators:
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AVERAGE AND CENTER E Figure

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Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N9040-60	WEIGHT:
SPECIFICATION: 2835LED、4000K、60DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1015	1016	1016	1022	1044	1041	1035	1033	0- 5	248.2	248.2
10.0	947.8	949.4	952.2	962.9	1001	995.2	983.1	977.5	5- 10	714.5	962.8
15.0	859.6	862.3	870.4	877.9	926.6	921.6	907.3	897.6	10- 15	1104	2067
20.0	752.4	760.1	767.6	777.2	832.7	828.7	813.9	802.0	15- 20	1385	3452
25.0	642.6	654.2	659.7	673.0	723.5	719.6	704.7	693.9	20- 25	1545	4997
30.0	539.6	548.6	556.9	565.2	609.9	607.5	595.0	585.3	25- 30	1592	6588
35.0	445.6	452.9	461.1	466.3	507.1	503.3	493.2	485.0	30- 35	1545	8134
40.0	369.2	376.2	382.9	386.1	417.3	413.2	406.7	398.9	35- 40	1447	9580
45.0	301.8	308.1	315.7	317.4	342.5	339.0	333.8	328.1	40- 45	1324	10904
50.0	237.3	245.5	250.6	255.3	278.9	276.0	271.6	266.7	45- 50	1178	12082
55.0	137.8	185.1	151.2	194.0	215.4	216.2	207.9	206.3	50- 55	983.3	13066
60.0	43.65	114.2	41.16	124.0	68.99	153.8	71.51	142.7	55- 60	652.0	13718
65.0	26.67	46.82	24.05	52.51	38.96	83.86	33.31	73.77	60- 65	341.0	14059
70.0	16.09	21.09	15.12	23.20	23.19	30.99	21.23	28.94	65- 70	168.8	14227
75.0	7.914	11.55	7.176	12.85	13.42	15.94	12.14	14.76	70- 75	88.46	14316
80.0	3.415	4.441	2.956	5.126	6.743	7.567	6.158	6.707	75- 80	45.41	14361
85.0	0.939	1.383	0.832	1.571	2.631	2.210	2.496	1.983	80- 85	18.34	14380
90.0	0.842	0.984	0.636	0.982	0.968	0.750	1.008	0.766	85- 90	6.495	14386
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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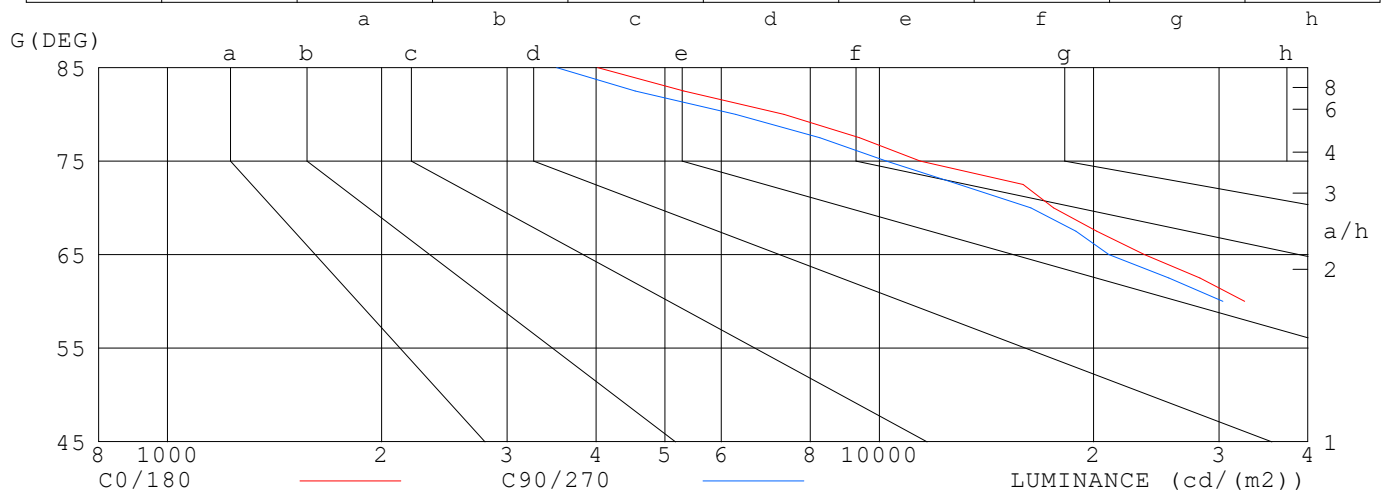
LUMINANCE LIMITATION CURVES

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	4022	3524
80	7346	6284
75	11420	10234
70	17570	16323
65	23573	21008
60	32608	30389
55	89779	97339
50	137884	143933
45	159432	164828

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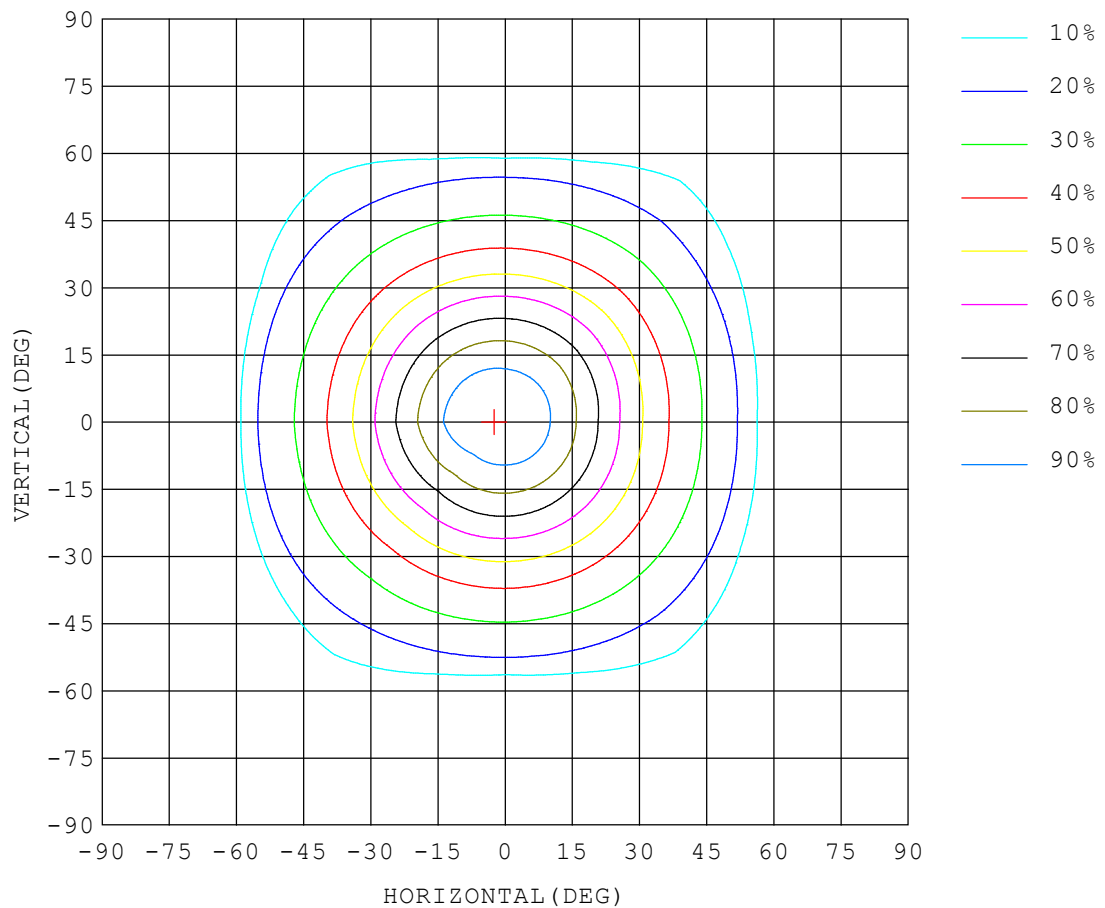
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ISOCANDELA DIAGRAM

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UNIT: cd



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