

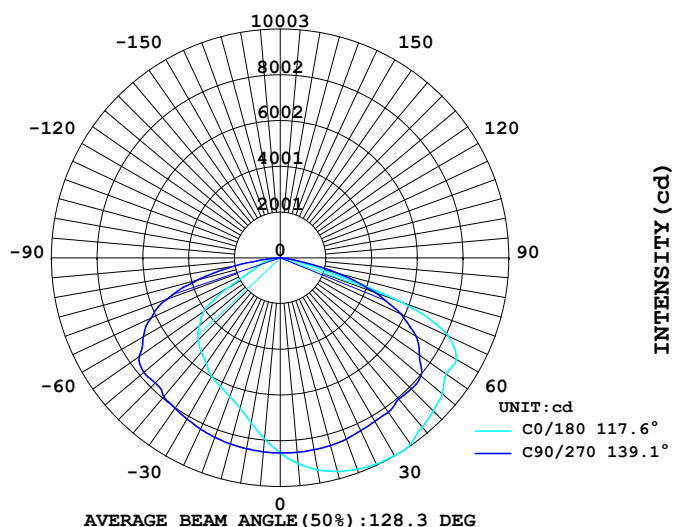
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

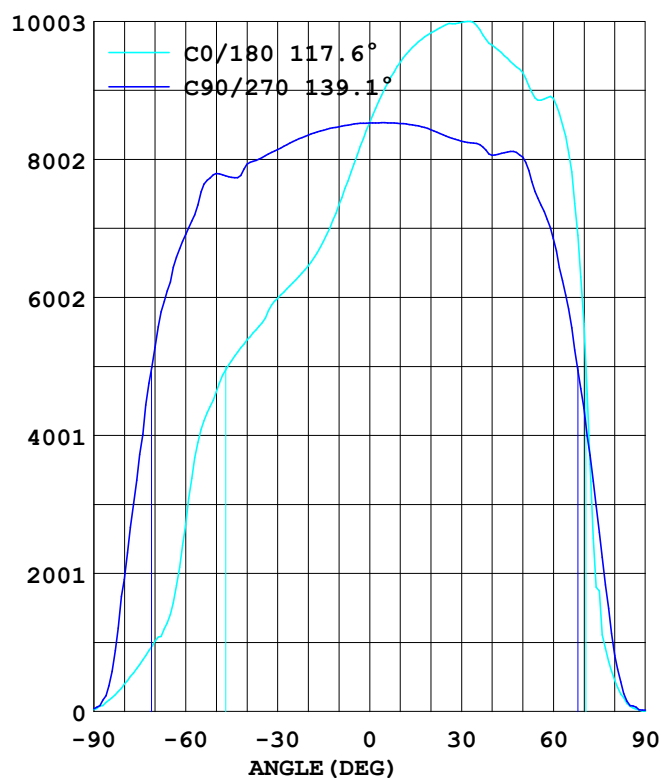
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	10003	S/MH (C0/180)	1.04
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.45
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	31898	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.6	Current(A)	0.879
NOMINAL FLUX(lm)	31898.0	η up (%)	0.0	Power(W)	199.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	31898.0	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.22

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

Color Temperature Data List

Report number:

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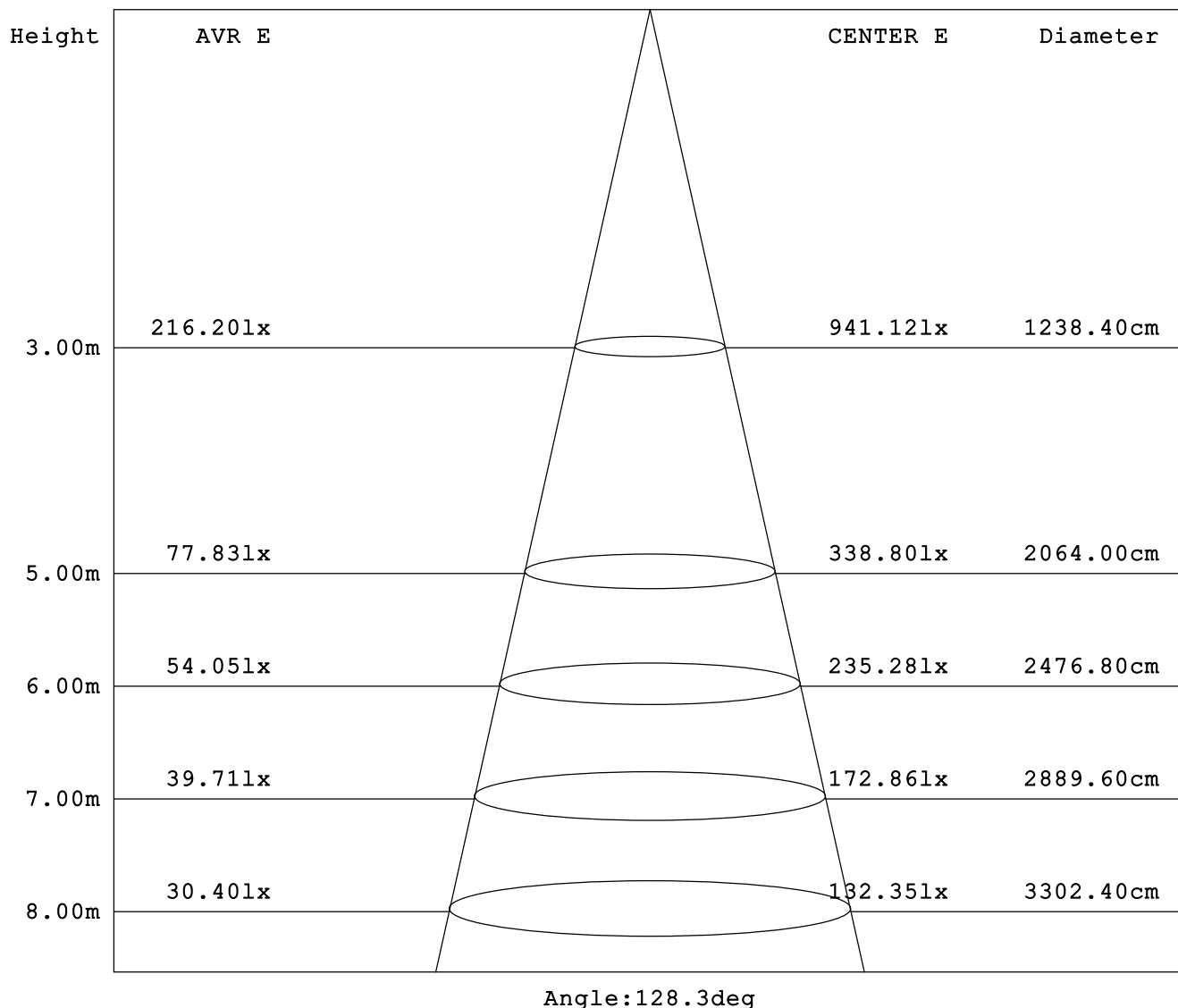
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Operators:
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AVERAGE AND CENTER E Figure

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SPECIFICATION:2835LED、4000K、type4	DIMENSION:	SERIAL No.:



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ZONAL FLUX DIAGRAM

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NAME: Klose	TYPE: IL-FL19-N20040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	793.8	812.4	851.3	815.9	902.9	888.1	853.2	885.2	0- 5	203.6	203.6
10.0	733.9	768.5	847.5	778.0	940.7	917.7	852.1	910.5	5- 10	605.7	809.3
15.0	681.4	725.9	842.5	742.4	966.5	938.0	849.4	929.6	10- 15	994.7	1804
20.0	646.2	692.3	835.2	714.0	983.4	949.5	843.4	939.7	15- 20	1366	3170
25.0	621.3	663.6	826.0	686.9	995.2	952.1	834.0	941.3	20- 25	1718	4889
30.0	598.8	634.4	814.3	657.5	998.6	951.4	826.6	936.4	25- 30	2046	6934
35.0	563.5	605.0	802.6	626.5	993.9	950.6	823.2	930.3	30- 35	2342	9277
40.0	538.3	571.9	792.9	590.3	965.6	959.5	806.2	928.9	35- 40	2594	11871
45.0	508.3	524.5	774.1	540.8	946.6	968.8	810.8	944.7	40- 45	2803	14675
50.0	462.9	473.5	779.4	478.3	925.7	956.8	803.1	950.8	45- 50	2991	17665
55.0	408.8	416.5	753.1	421.9	885.6	881.6	744.1	868.2	50- 55	3063	20729
60.0	271.5	352.4	691.5	352.4	888.5	838.3	685.3	800.4	55- 60	2975	23703
65.0	140.6	277.5	622.6	271.2	810.4	805.5	583.5	763.4	60- 65	2794	26498
70.0	101.7	197.5	527.6	184.4	562.0	814.3	439.2	769.0	65- 70	2459	28957
75.0	68.18	88.82	372.4	67.03	174.4	582.3	259.7	658.0	70- 75	1790	30746
80.0	39.57	40.08	191.2	33.51	45.43	162.6	81.62	246.4	75- 80	865.4	31612
85.0	16.60	15.97	37.20	13.22	7.747	19.24	8.354	33.70	80- 85	245.7	31858
90.0	2.325	2.235	3.924	2.356	0.662	1.575	2.021	0.873	85- 90	40.37	31898
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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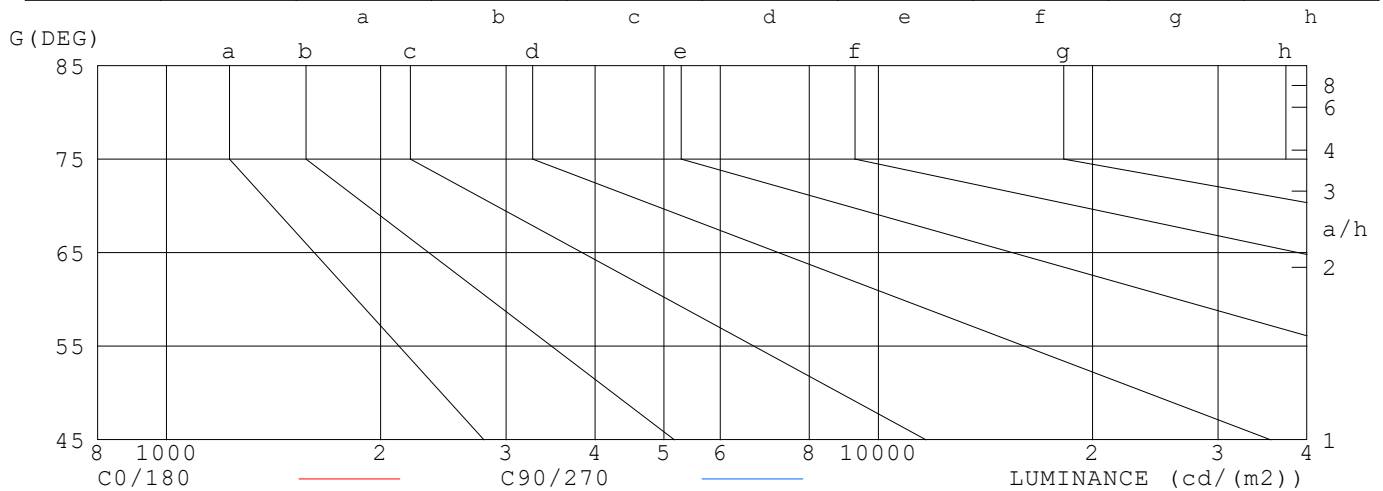
LUMINANCE LIMITATION CURVES

Report number:

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NAME: Klose	TYPE: IL-FL19-N20040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

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	49798	114854
80	59570	296334
75	68855	387270
70	77745	415144
65	86989	396419
60	141963	372156
55	186304	353342
50	188240	326314
45	187884	294585

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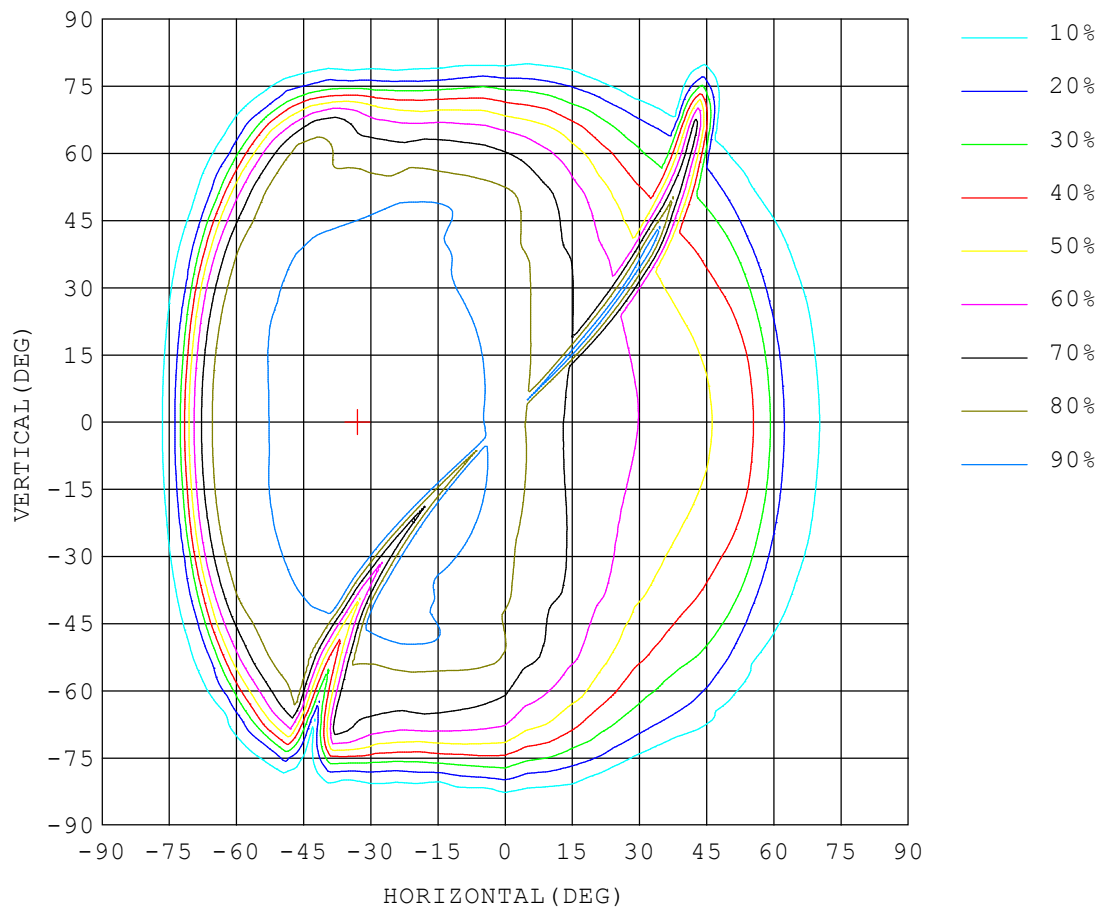
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ISOCANDELA DIAGRAM

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UNIT: cd



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