

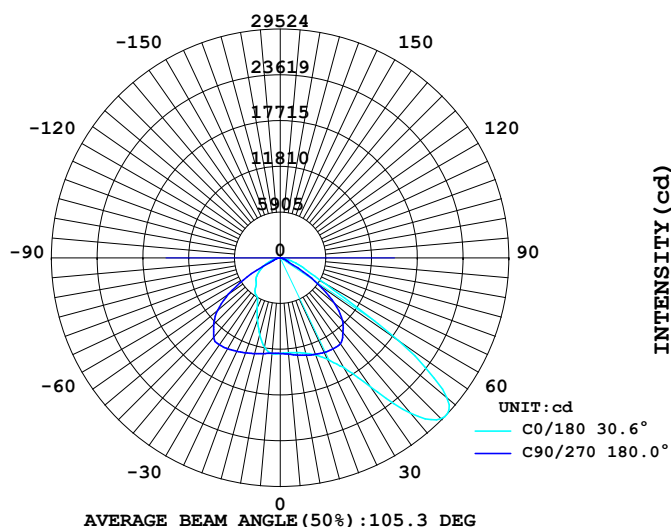
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

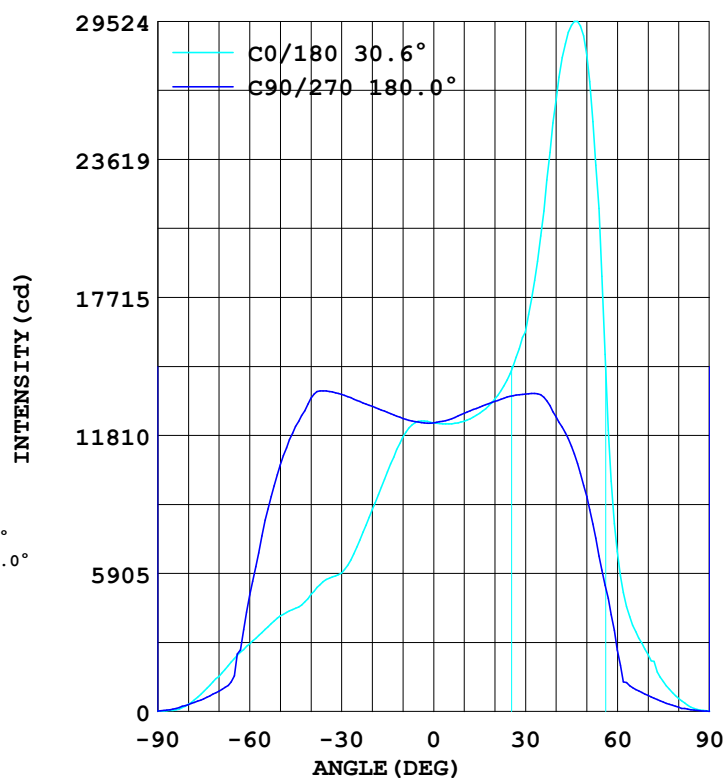
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N30040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	29778	S/MH (C0/180)	0.83
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.63
NOMINAL POWER(W)	300	TOTAL FLUX(lm)	40429	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	134.8	Current(A)	1.319
NOMINAL FLUX(lm)	40429.0	η up (%)	0.0	Power(W)	299.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	40428.9	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

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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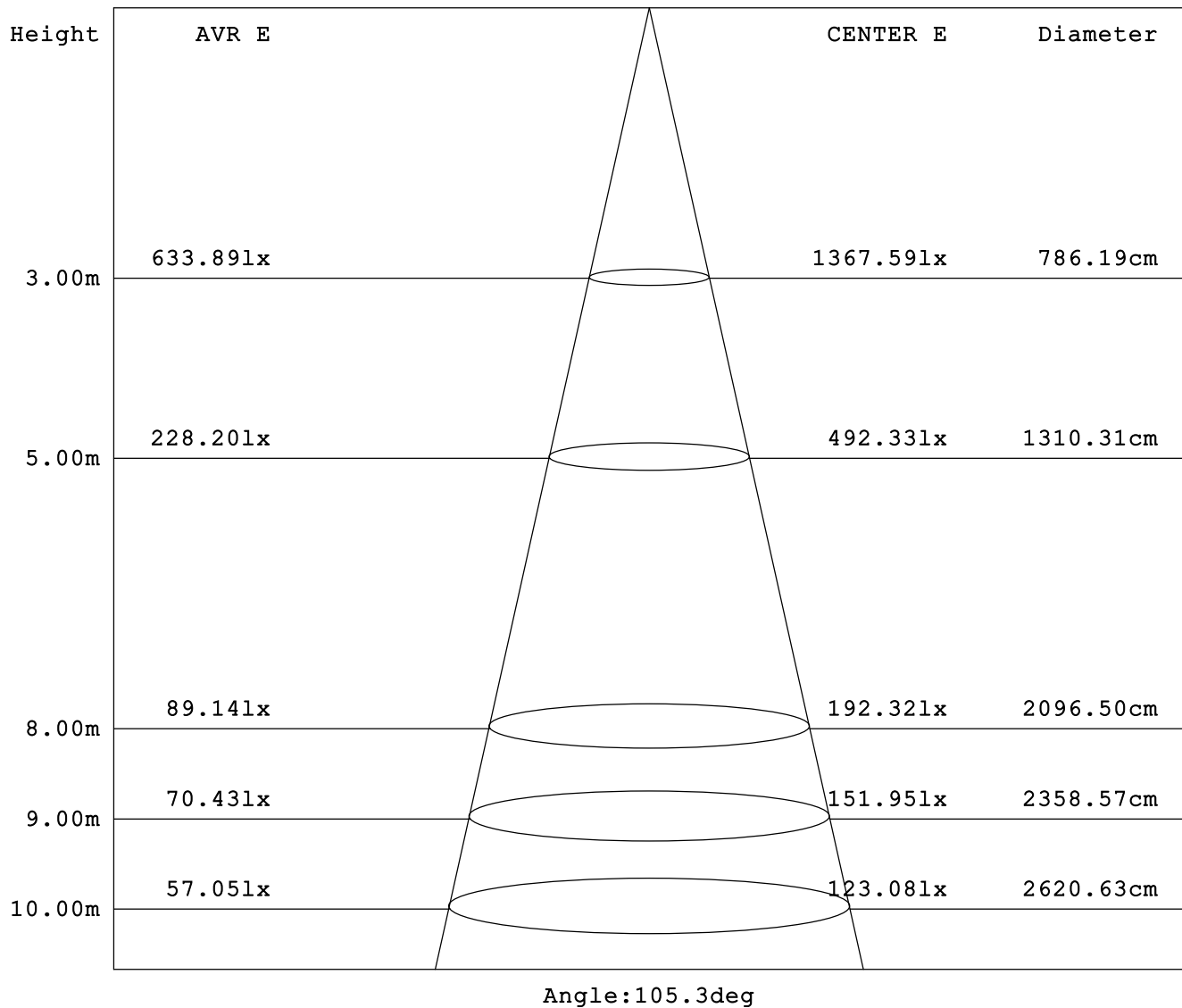
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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NAME: Klose	TYPE: IL-FL19-N30040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1241	1246	1238	1233	1230	1234	1249	1247	0- 5	295.9	295.9
10.0	1174	1208	1254	1248	1242	1250	1276	1223	5- 10	886.4	1182
15.0	1024	1088	1280	1282	1275	1286	1302	1151	10- 15	1454	2637
20.0	864.1	935.3	1305	1342	1336	1357	1326	1027	15- 20	1980	4616
25.0	704.9	778.6	1331	1433	1444	1481	1348	876.1	20- 25	2472	7089
30.0	592.7	621.5	1356	1565	1624	1691	1358	719.3	25- 30	2974	10062
35.0	564.7	533.4	1371	1754	2034	2018	1355	566.0	30- 35	3572	13634
40.0	499.8	478.8	1340	1941	2616	2505	1260	441.7	35- 40	4326	17960
45.0	441.2	390.8	1219	2068	2935	2817	1134	361.0	40- 45	4999	22959
50.0	408.4	338.4	1053	1941	2806	2705	920.1	280.7	45- 50	5219	28178
55.0	350.7	298.3	817.7	1565	1862	2101	604.0	221.3	50- 55	4609	32787
60.0	289.3	243.2	498.8	1149	683.4	1215	263.7	179.6	55- 60	3214	36001
65.0	226.8	187.6	153.2	783.1	368.7	626.9	102.3	137.9	60- 65	2098	38100
70.0	149.5	127.2	87.63	392.9	243.9	276.9	68.47	91.50	65- 70	1286	39386
75.0	85.04	70.06	54.70	86.21	128.4	90.17	40.16	46.25	70- 75	634.6	40021
80.0	31.29	26.48	29.77	41.07	55.69	36.85	18.83	17.51	75- 80	281.6	40302
85.0	5.252	4.873	10.39	12.59	12.95	11.41	5.980	4.101	80- 85	103.1	40405
90.0	1.775	1.197	2.198	2.719	1.499	1.708	1.334	1.227	85- 90	23.70	40429
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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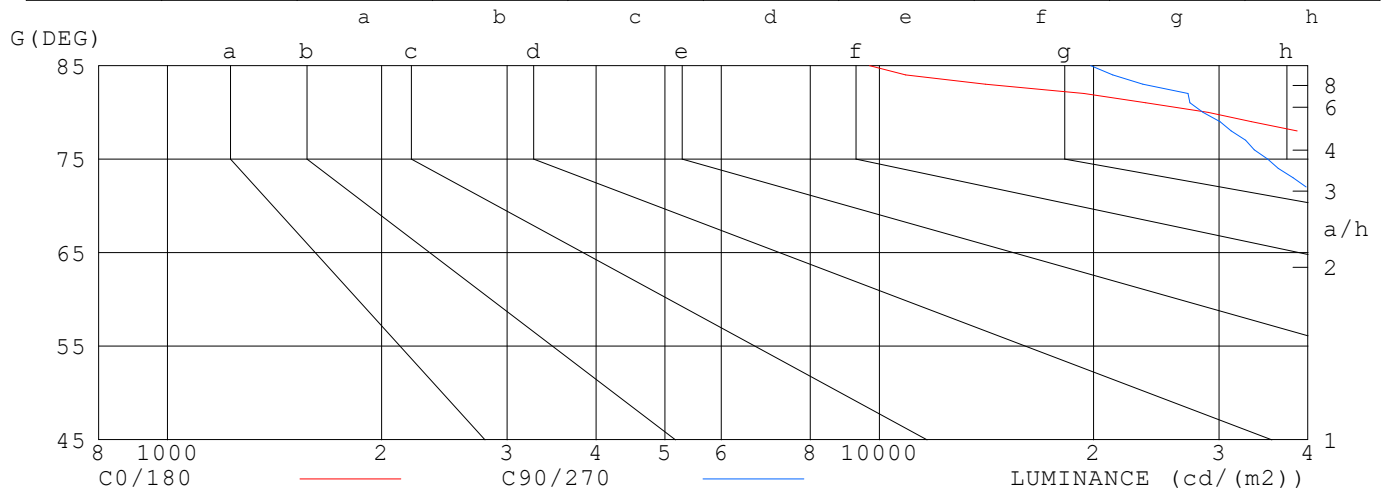
LUMINANCE LIMITATION CURVES

Report number:

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NAME: Klose	TYPE: IL-FL19-N30040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	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	9687	19815
80	28967	28490
75	52820	35117
70	70306	42574
65	86265	60232
60	93017	165766
55	98308	236892
50	102136	272266
45	100298	286410

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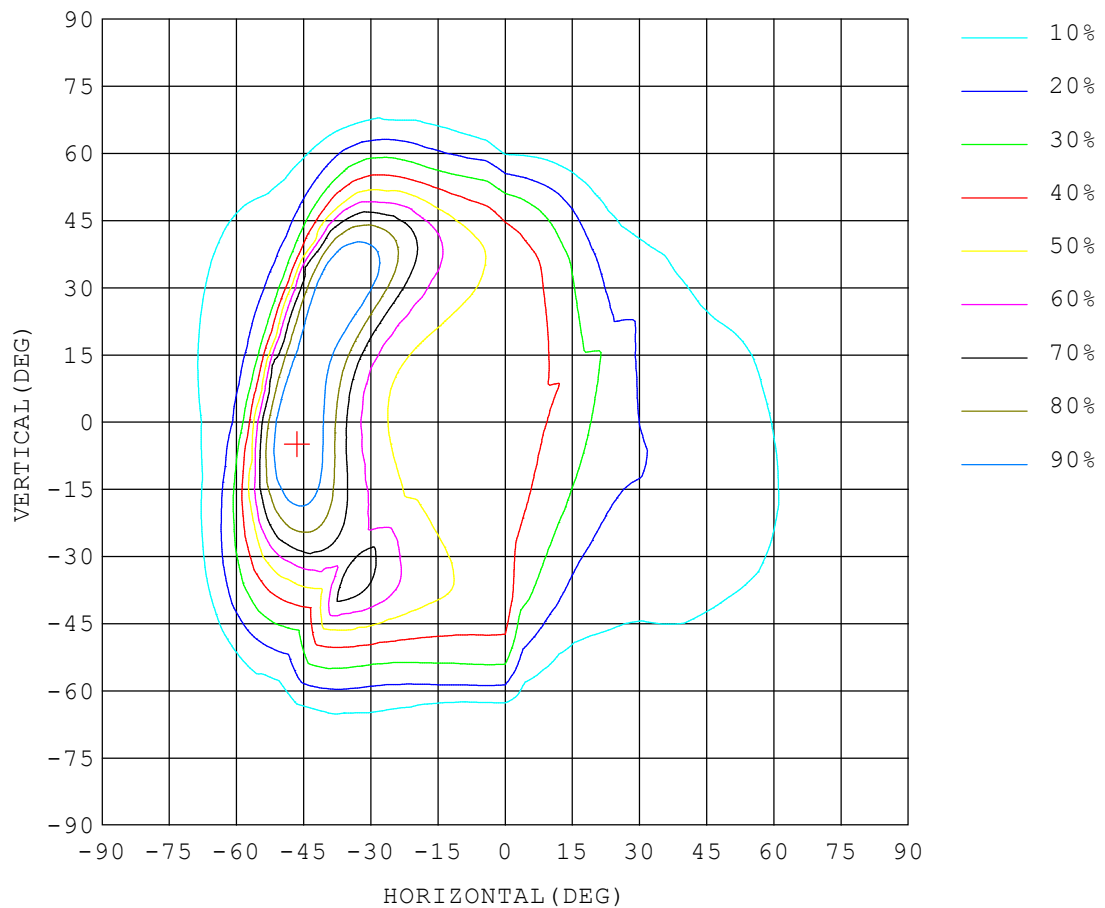
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ISOCANDELA DIAGRAM

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UNIT: cd



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