

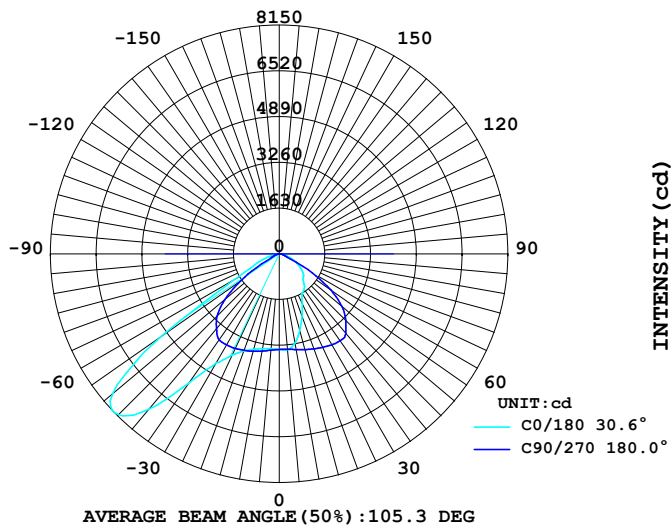
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

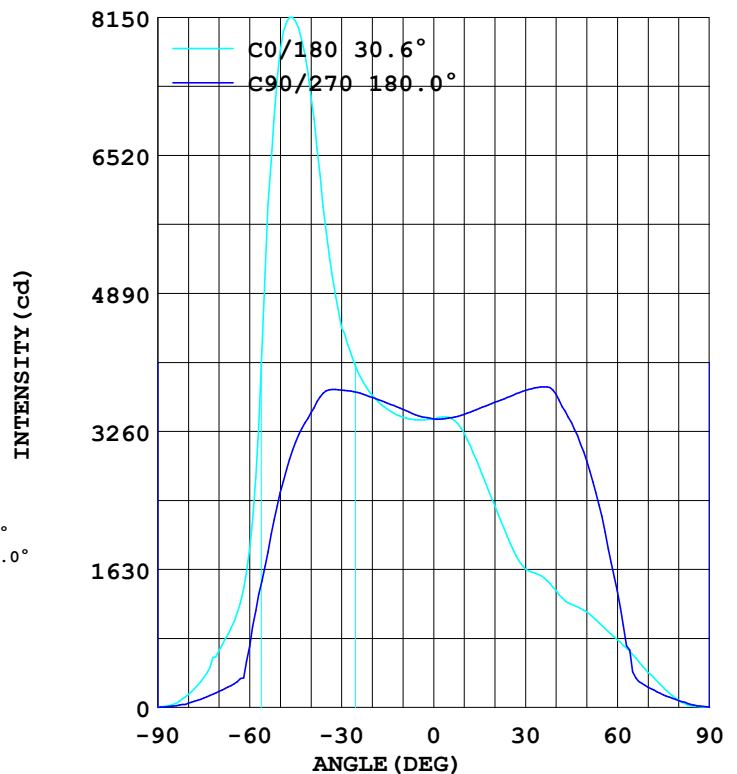
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	8220	S/MH (C0/180)	2.06
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.57
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	11160	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	139.6	Current(A)	0.352
NOMINAL FLUX(lm)	11155.0	η up (%)	0.0	Power(W)	79.97
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	11160.3	EEI	0.107

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2024.11.20

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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NAME: Klose	TYPE: IL-FL19-N8040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

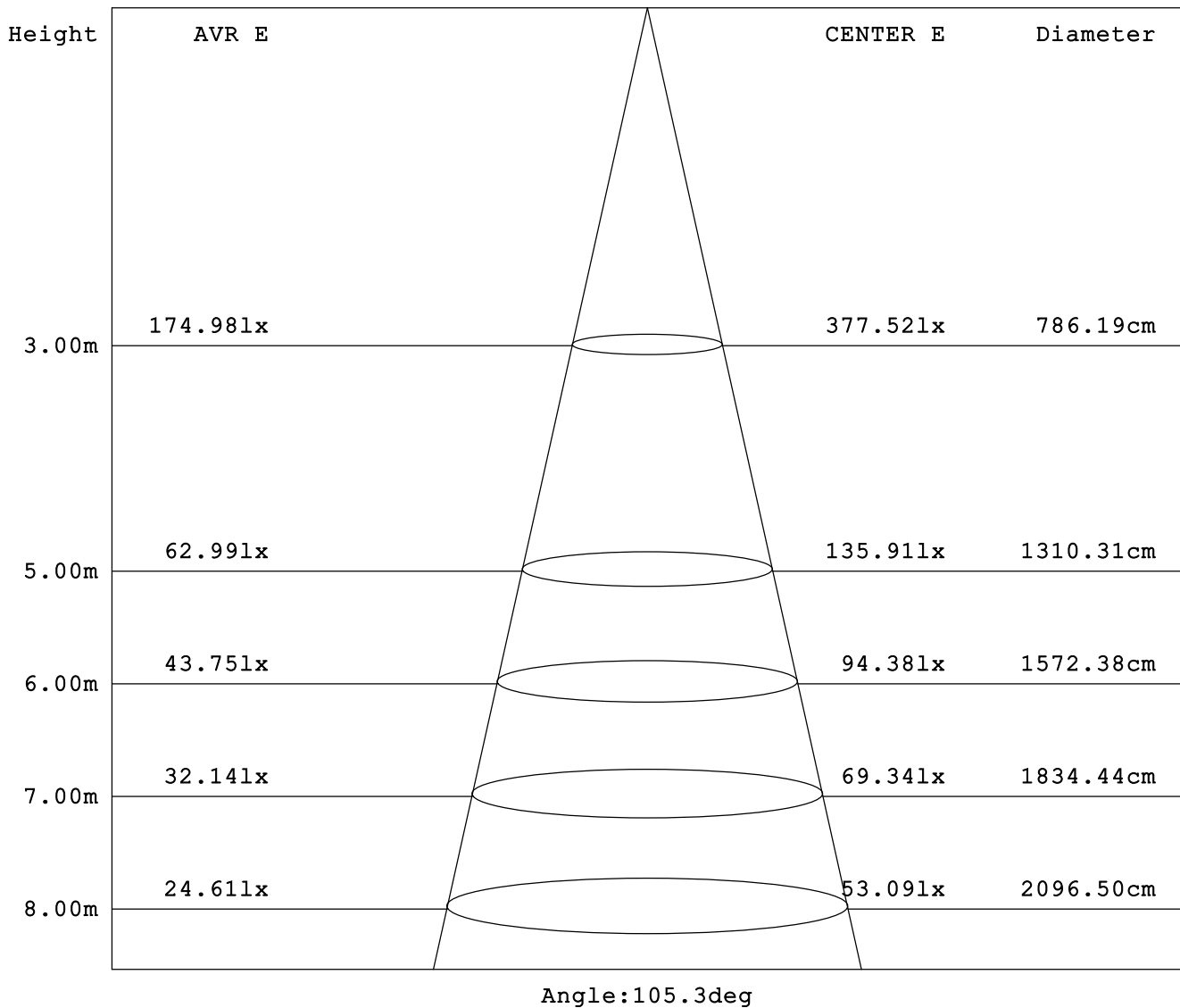
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3396	3406	3447	3442	3426	3441	3418	3403	0- 5	81.70	81.70
10.0	3429	3451	3523	3377	3240	3335	3462	3445	5- 10	244.7	326.4
15.0	3520	3551	3595	3178	2828	3002	3533	3540	10- 15	401.4	727.8
20.0	3688	3747	3660	2834	2385	2582	3603	3704	15- 20	546.4	1274
25.0	3986	4089	3722	2418	1946	2149	3674	3956	20- 25	682.4	1957
30.0	4483	4667	3749	1986	1636	1716	3744	4321	25- 30	820.8	2778
35.0	5614	5569	3742	1563	1559	1473	3785	4841	30- 35	986.0	3764
40.0	7221	6915	3478	1219	1380	1322	3700	5359	35- 40	1194	4958
45.0	8102	7775	3131	996.7	1218	1079	3365	5709	40- 45	1380	6338
50.0	7746	7466	2540	775.0	1127	934.1	2908	5357	45- 50	1441	7778
55.0	5140	5800	1667	611.0	968.3	823.5	2257	4321	50- 55	1272	9051
60.0	1887	3353	728.0	496.0	798.6	671.4	1377	3171	55- 60	887.3	9938
65.0	1018	1731	282.6	380.6	626.0	518.0	422.9	2162	60- 65	579.2	10517
70.0	673.3	764.6	189.0	252.6	412.9	351.2	241.9	1085	65- 70	355.1	10872
75.0	354.5	248.9	110.8	127.6	234.7	193.4	151.0	237.9	70- 75	175.2	11048
80.0	153.7	101.7	52.00	48.35	86.38	73.11	82.19	113.3	75- 80	77.74	11125
85.0	35.75	31.52	16.50	11.32	14.49	13.45	28.69	34.77	80- 85	28.47	11154
90.0	4.138	4.715	3.684	3.389	4.900	3.305	6.067	7.507	85- 90	6.544	11160
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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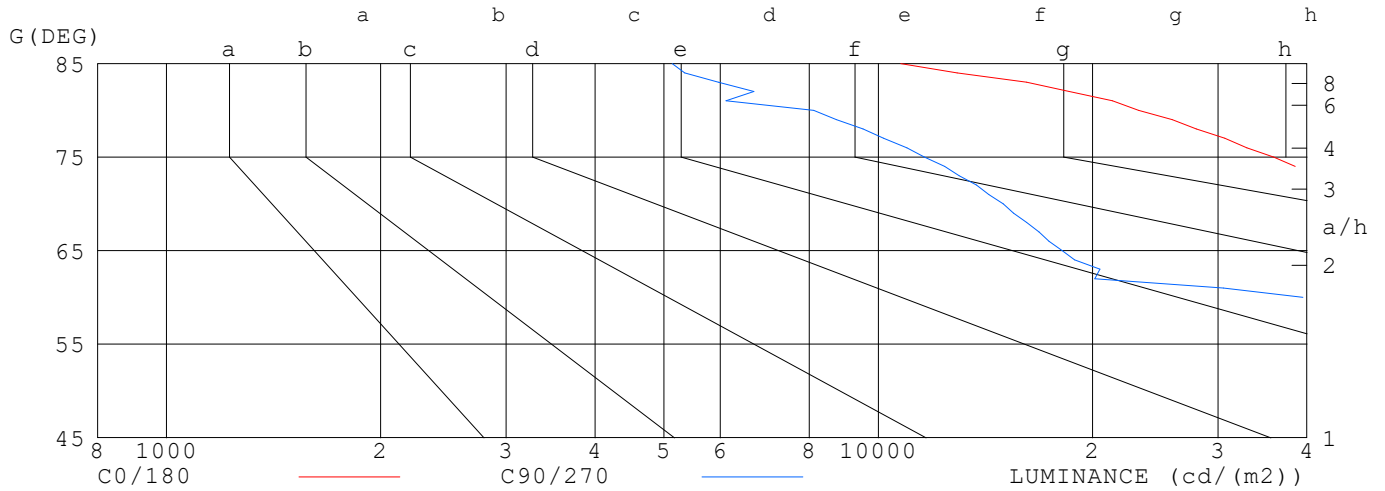
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-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	10758	5135
80	23221	8119
75	35924	11612
70	51635	14983
65	63167	18129
60	98963	39473
55	235039	78804
50	316061	107122
45	300506	120023

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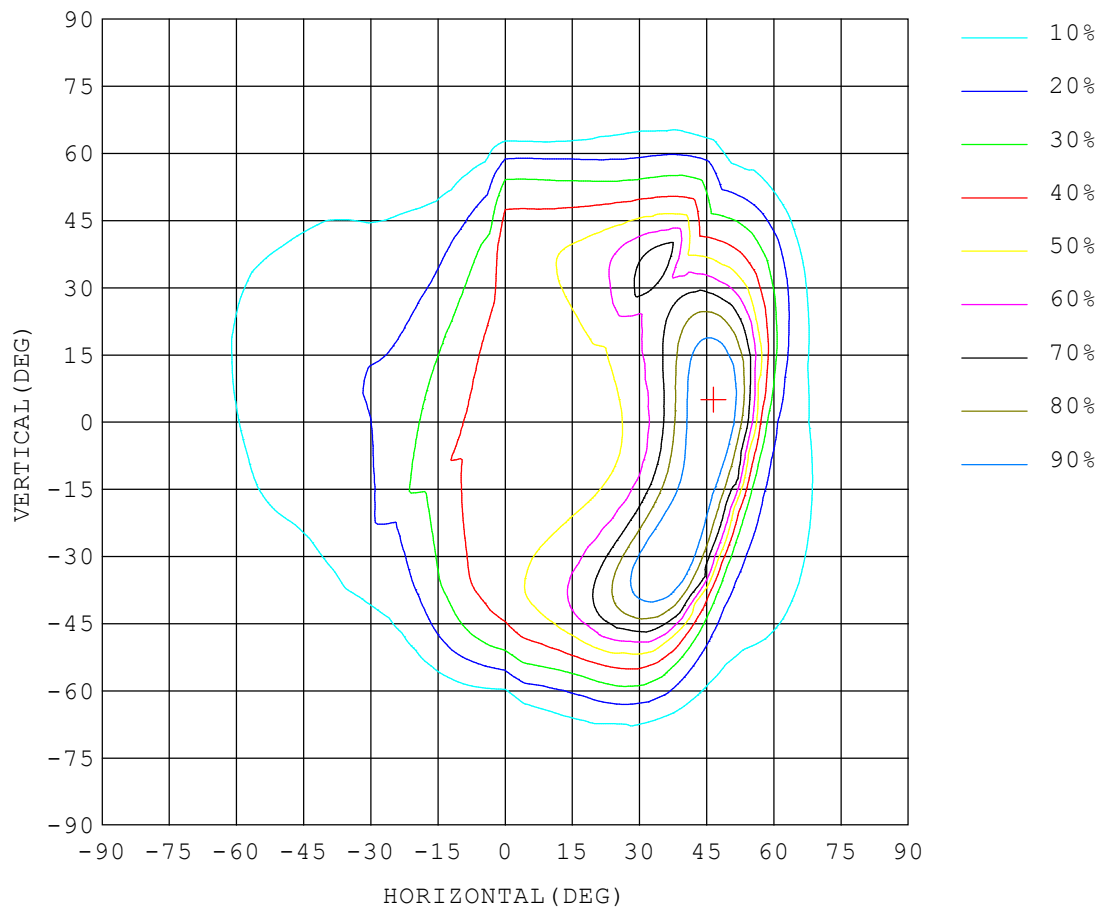
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ISOCANDELA DIAGRAM

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UNIT: cd



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