

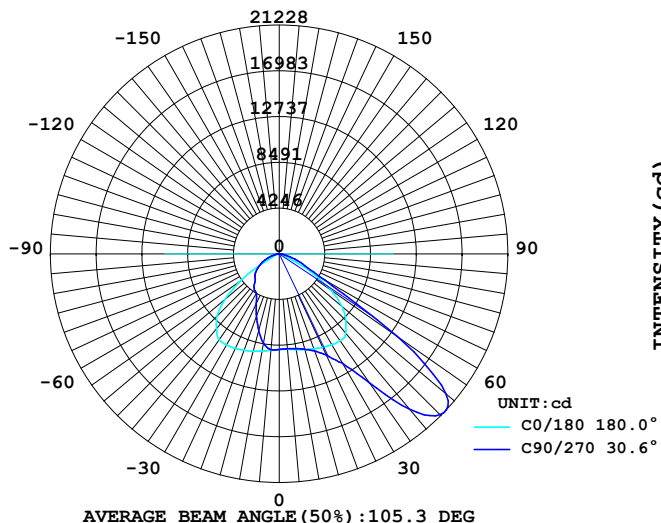
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

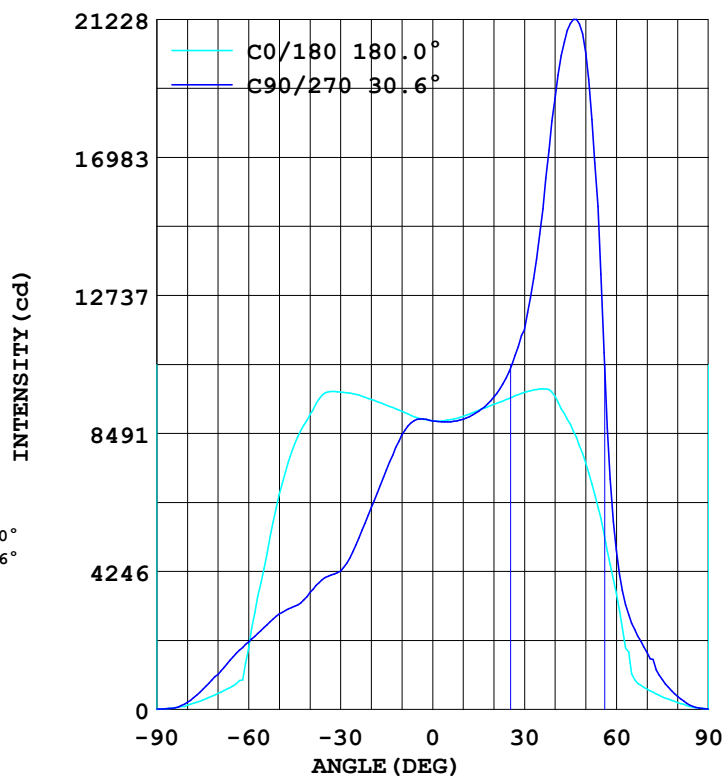
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	21411	S/MH (C0/180)	1.57
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.83
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	29069	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	144.8	Current(A)	0.883
NOMINAL FLUX(lm)	29069.0	η up (%)	0.0	Power(W)	200.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	29069.1	EEI	0.104

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

Report number:

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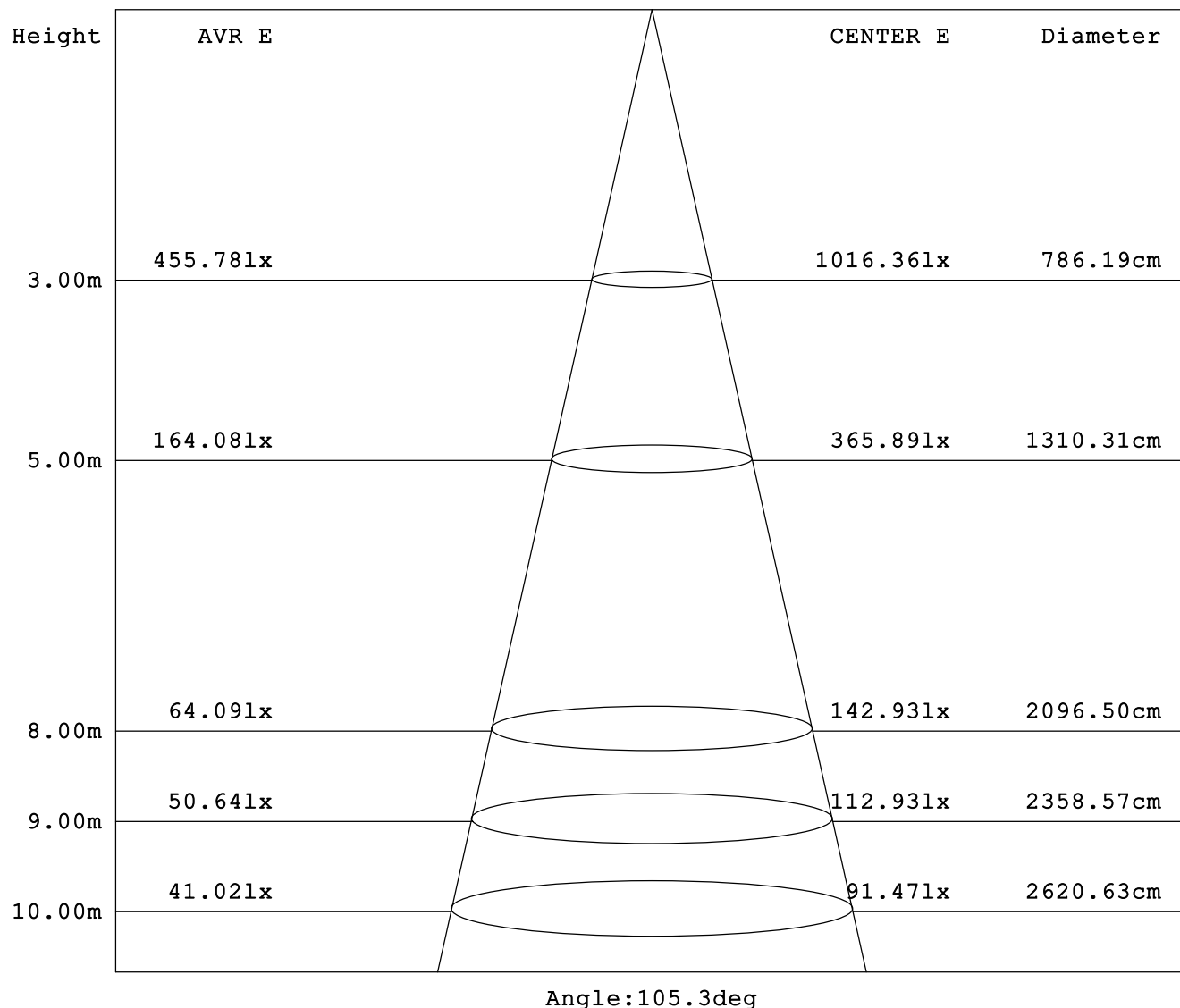
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Operators:
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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NAME: Klose	TYPE: IL-FL19-N20040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	897.8	896.6	892.4	896.1	890.2	886.2	884.4	887.0	0- 5	212.8	212.8
10.0	917.6	879.5	843.9	868.5	901.7	897.2	893.0	898.7	5- 10	637.3	850.2
15.0	936.3	827.7	736.5	782.0	920.2	921.9	916.9	924.8	10- 15	1046	1896
20.0	953.2	738.1	621.3	672.4	938.3	964.8	960.4	975.9	15- 20	1423	3319
25.0	969.3	629.9	506.8	559.8	956.9	1030	1038	1065	20- 25	1778	5097
30.0	976.4	517.1	426.1	446.8	975.1	1125	1168	1216	25- 30	2138	7235
35.0	974.6	406.9	406.0	383.5	985.8	1261	1462	1451	30- 35	2568	9803
40.0	905.9	317.6	359.4	344.2	963.6	1396	1881	1801	35- 40	3110	12914
45.0	815.4	259.6	317.2	281.0	876.4	1487	2110	2025	40- 45	3594	16508
50.0	661.6	201.8	293.6	243.3	757.3	1395	2018	1945	45- 50	3752	20260
55.0	434.2	159.1	252.2	214.5	588.0	1126	1339	1511	50- 55	3314	23574
60.0	189.6	129.1	208.0	174.8	358.6	826.0	491.4	873.3	55- 60	2311	25885
65.0	73.61	99.15	163.0	134.9	110.1	563.0	265.1	450.7	60- 65	1509	27394
70.0	49.23	65.79	107.5	91.49	63.01	282.5	175.3	199.1	65- 70	924.9	28319
75.0	28.87	33.26	61.14	50.38	39.33	61.98	92.33	64.83	70- 75	456.3	28775
80.0	13.54	12.59	22.49	19.04	21.40	29.53	40.04	26.49	75- 80	202.4	28978
85.0	4.299	2.949	3.776	3.504	7.473	9.057	9.311	8.209	80- 85	74.16	29052
90.0	0.960	0.883	1.276	0.861	1.580	1.955	1.078	1.228	85- 90	17.04	29069
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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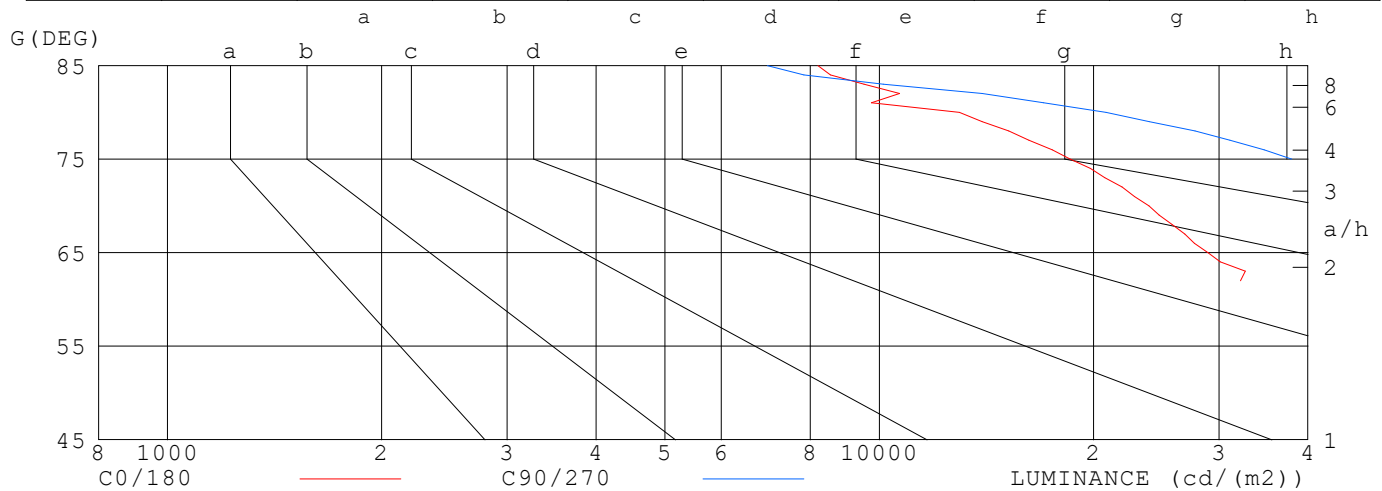
LUMINANCE LIMITATION CURVES

Report number:

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NAME: Klose	TYPE: IL-FL19-N20040-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	8197	6965
80	12961	20828
75	18537	37979
70	23919	50551
65	28941	62026
60	63015	66881
55	125804	70685
50	171012	73437
45	191606	72116

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 Operators:
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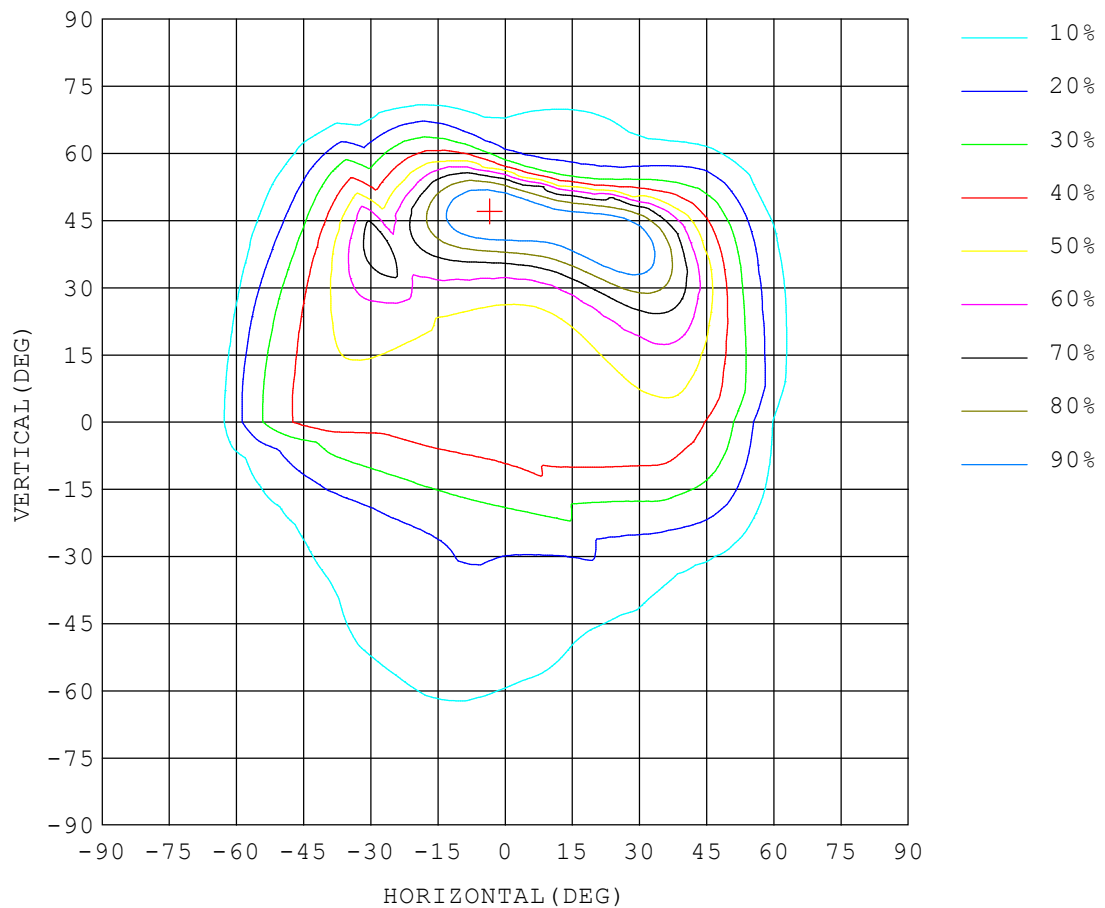
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ISOCANDELA DIAGRAM

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UNIT: cd



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