

LUMINAIRE PHOTOMETRIC TEST REPORT

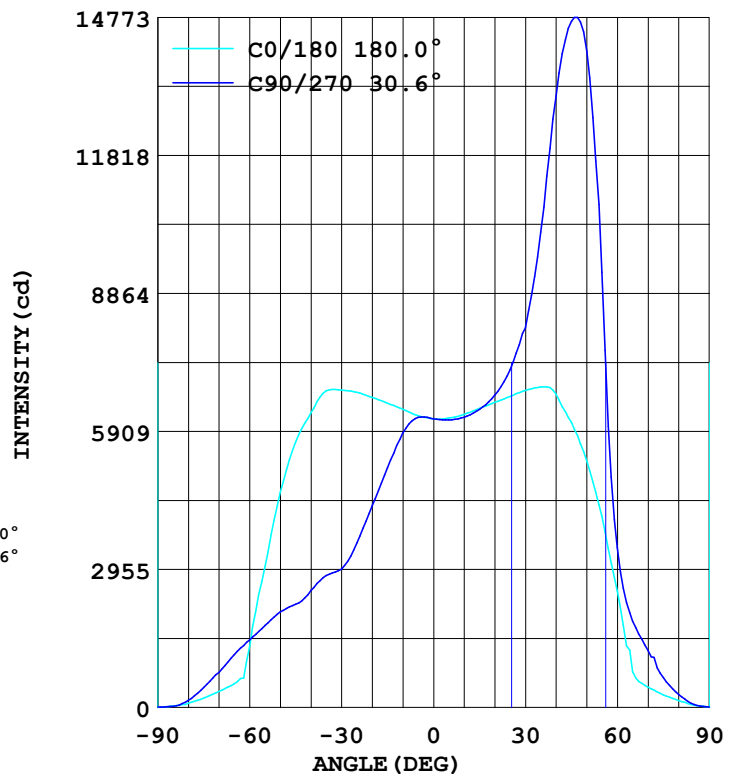
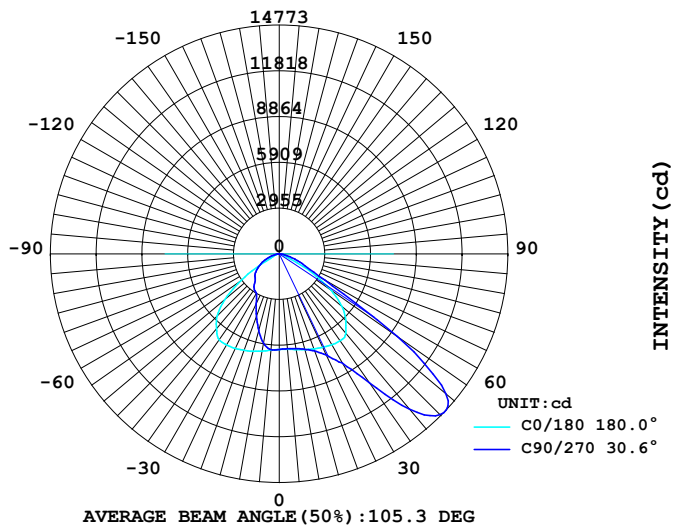
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N15040-P45	WEIGHT:
SPECIFICATION: 2835LED、4000K、P45DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	14900	S/MH (C0/180)	1.57
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.83
NOMINAL POWER(W)	150	TOTAL FLUX(lm)	20229	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	134.9	Current(A)	0.660
NOMINAL FLUX(lm)	20229.0	η up (%)	0.0	Power(W)	149.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	20229.0	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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

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

Color Temperature Data List

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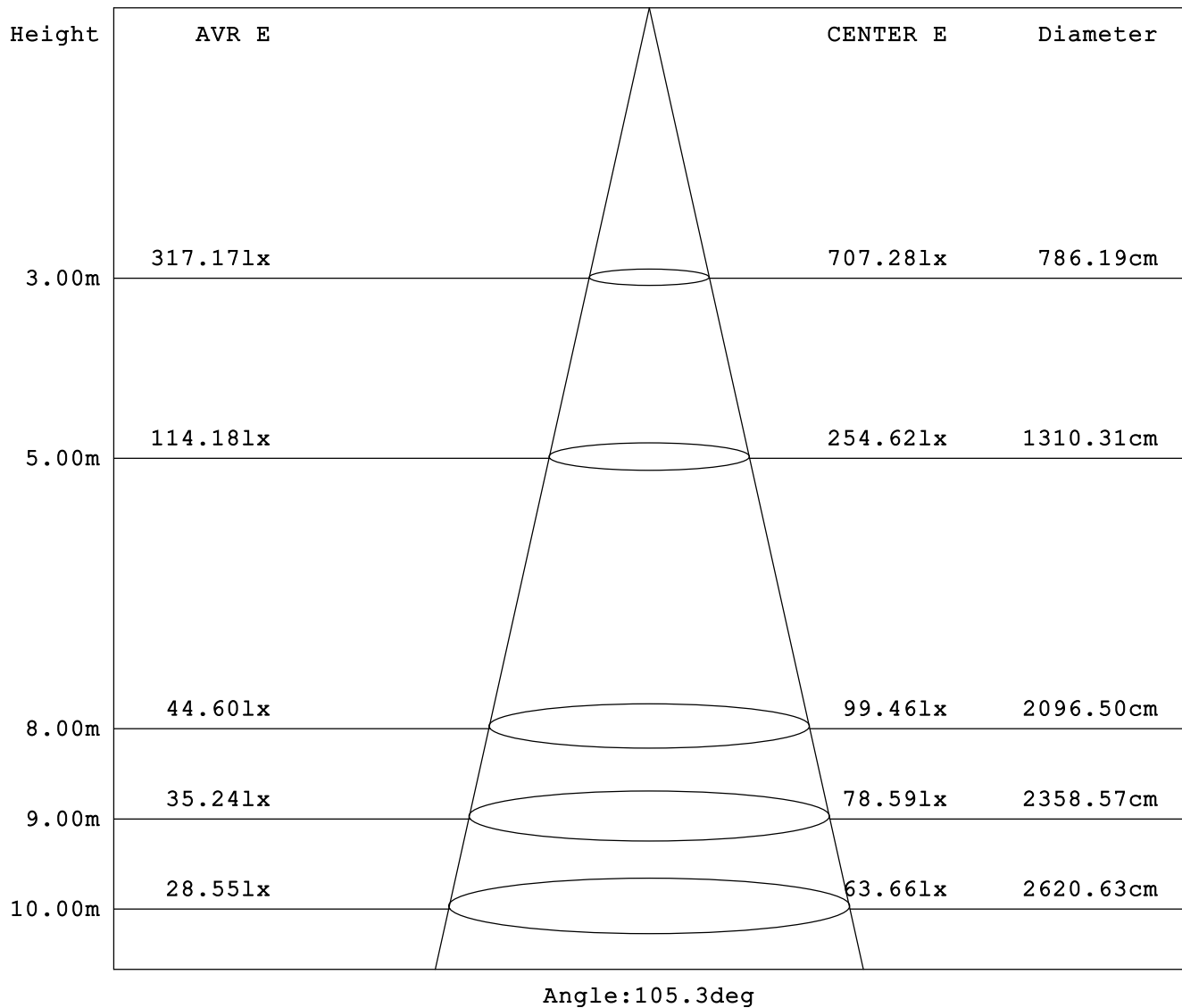
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	624.8	623.9	621.0	623.6	619.5	616.7	615.4	617.2	0- 5	148.1	148.1
10.0	638.5	612.0	587.2	604.4	627.5	624.3	621.4	625.4	5- 10	443.5	591.6
15.0	651.6	576.0	512.5	544.1	640.4	641.6	638.0	643.5	10- 15	727.7	1319
20.0	663.3	513.6	432.3	467.9	653.0	671.4	668.3	679.1	15- 20	990.4	2310
25.0	674.5	438.3	352.7	389.5	665.9	717.0	722.5	741.2	20- 25	1237	3547
30.0	679.5	359.9	296.5	310.9	678.6	783.1	812.6	845.9	25- 30	1488	5035
35.0	678.2	283.2	282.5	266.9	686.0	877.3	1018	1009	30- 35	1787	6822
40.0	630.4	221.0	250.1	239.5	670.5	971.2	1309	1253	35- 40	2165	8987
45.0	567.4	180.6	220.7	195.5	609.8	1035	1469	1409	40- 45	2501	11488
50.0	460.4	140.4	204.3	169.3	527.0	970.9	1404	1353	45- 50	2611	14099
55.0	302.2	110.7	175.5	149.2	409.1	783.2	931.7	1051	50- 55	2306	16405
60.0	131.9	89.90	144.7	121.7	249.6	574.8	341.9	607.7	55- 60	1608	18013
65.0	51.22	69.00	113.4	93.89	76.65	391.8	184.4	313.6	60- 65	1050	19063
70.0	34.26	45.78	74.84	63.66	43.85	196.6	122.0	138.5	65- 70	643.6	19707
75.0	20.09	23.14	42.55	35.06	27.37	43.13	64.25	45.12	70- 75	317.5	20025
80.0	9.426	8.764	15.65	13.25	14.89	20.55	27.86	18.44	75- 80	140.9	20166
85.0	2.992	2.052	2.627	2.438	5.200	6.302	6.480	5.713	80- 85	51.61	20217
90.0	0.668	0.614	0.888	0.599	1.099	1.360	0.750	0.855	85- 90	11.86	20229
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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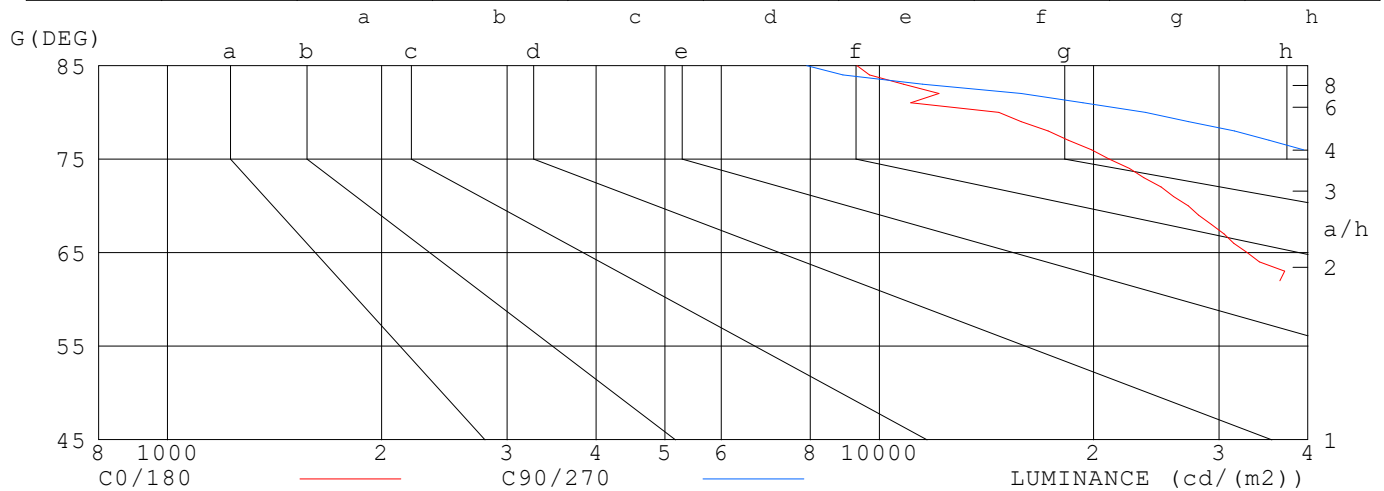
LUMINANCE LIMITATION CURVES

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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 $\text{cd}/(\text{m}^2)$		
G (DEG)	C0/180	C90/270
85	9307	7908
80	14716	23648
75	21048	43121
70	27158	57396
65	32860	70425
60	71548	75937
55	142839	80256
50	194168	83381
45	217551	81881

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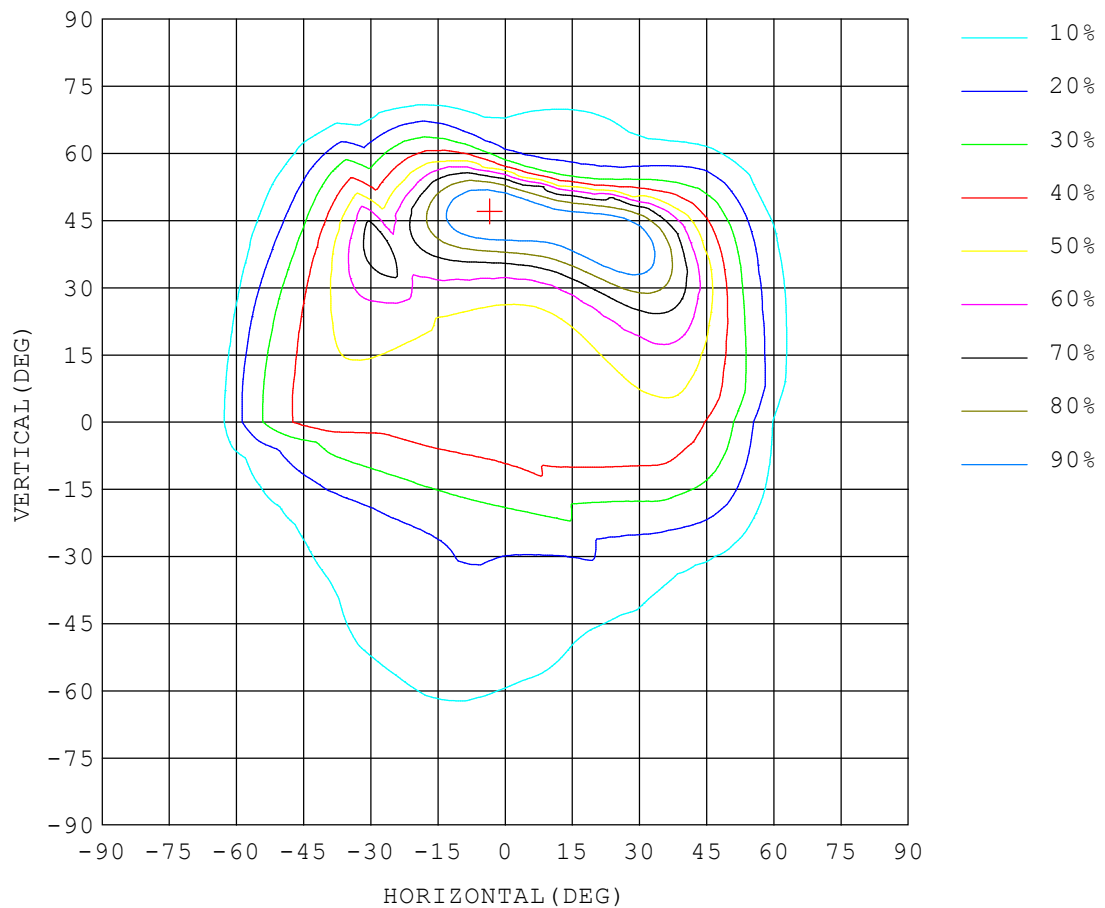
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ISOCANDELA DIAGRAM

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UNIT: cd



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