

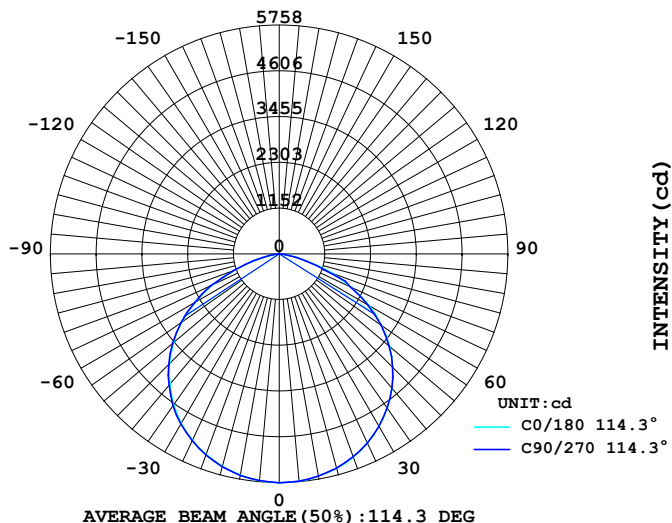
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

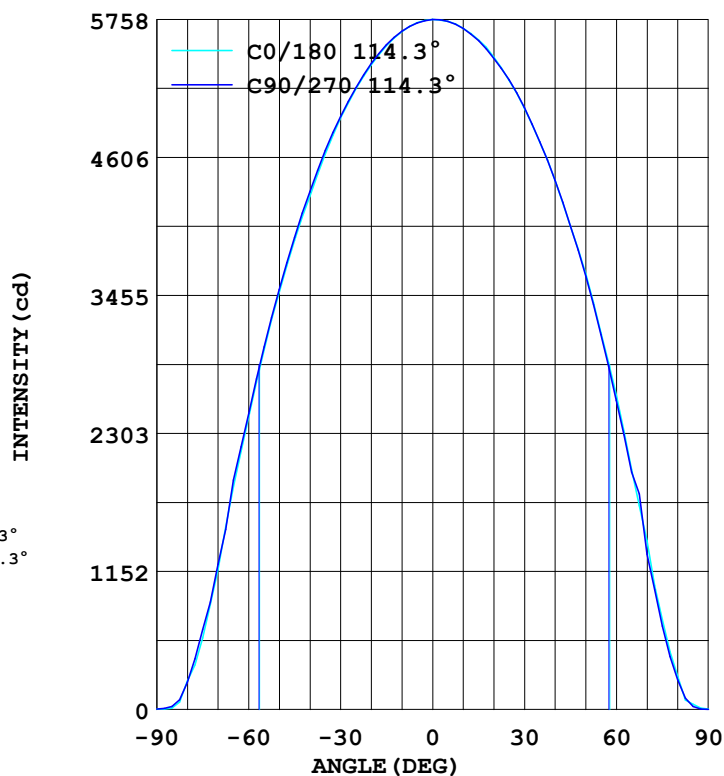
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N10040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	5758	S/MH (C0/180)	1.27
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	16014	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	160.2	Current(A)	0.440
NOMINAL FLUX(lm)	16014.4	$\eta$ up (%)	0.0	Power(W)	99.98
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	16014.4	EEL	0.094

## LUMINOUS INTENSITY DISTRIBUTION



## LUMINOUS INTENSITY DISTRIBUTION



Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2024.11.19

Test Set: 6.0 deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 10.000 m  
Remarks:

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## Color Temperature Data List

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE:IL-FL19-N10040-110	WEIGHT:
SPECIFICATION:2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

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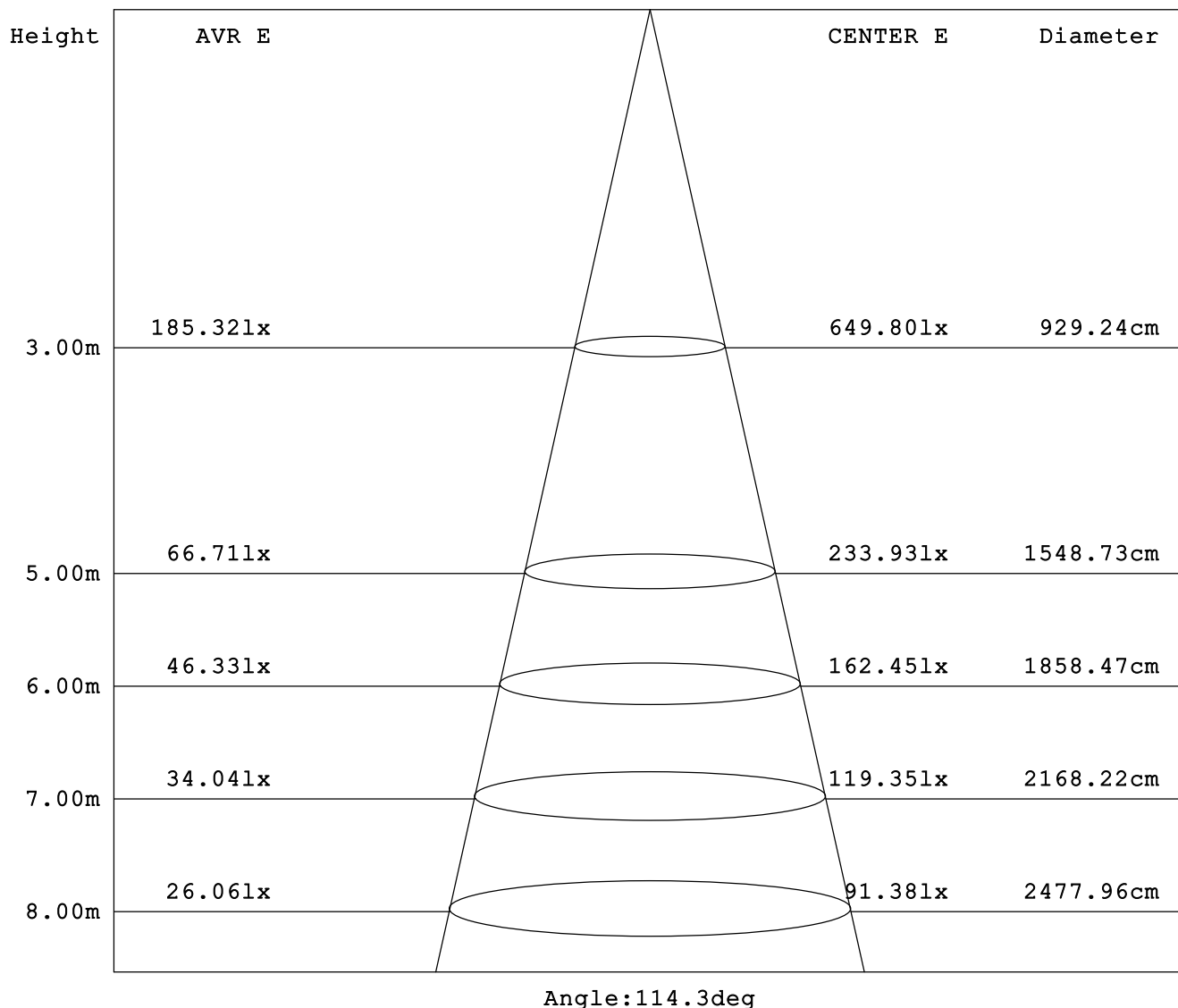
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Operators:  
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## AVERAGE AND CENTER E Figure

Report number:

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SPECIFICATION:2835LED、4000K、110deg	DIMENSION:	SERIAL No.:



Test System:  
Temperature:25.3DEG  
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## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	5730	5727	5728	5737	5741	5742	5740	5735	0- 5	137.3	137.3
10.0	5656	5655	5659	5678	5682	5690	5681	5669	5- 10	408.0	545.4
15.0	5537	5538	5545	5571	5587	5592	5579	5557	10- 15	666.4	1212
20.0	5379	5379	5391	5426	5444	5448	5433	5397	15- 20	904.5	2116
25.0	5178	5170	5187	5229	5249	5265	5254	5203	20- 25	1115	3231
30.0	4937	4920	4947	4987	5017	5039	5021	4968	25- 30	1290	4522
35.0	4635	4628	4665	4707	4734	4759	4736	4674	30- 35	1424	5946
40.0	4283	4282	4319	4374	4414	4439	4414	4343	35- 40	1511	7457
45.0	3914	3898	3938	4001	4032	4060	4032	3958	40- 45	1545	9001
50.0	3478	3462	3502	3561	3633	3650	3616	3541	45- 50	1523	10524
55.0	3001	2984	3024	3093	3145	3177	3129	3051	50- 55	1442	11966
60.0	2442	2435	2470	2558	2625	2654	2578	2530	55- 60	1298	13264
65.0	1857	1866	1914	1992	2002	2060	1979	1934	60- 65	1093	14357
70.0	1168	1187	1212	1260	1410	1423	1296	1239	65- 70	825.5	15182
75.0	596.9	635.7	667.1	735.3	748.0	793.8	695.0	694.0	70- 75	515.3	15698
80.0	235.9	210.4	224.6	254.4	276.1	297.9	246.1	239.5	75- 80	246.1	15944
85.0	12.32	20.75	25.64	36.97	43.81	51.41	24.97	28.17	80- 85	63.44	16007
90.0	3.208	3.464	4.236	3.442	4.301	3.464	1.635	2.993	85- 90	7.086	16014
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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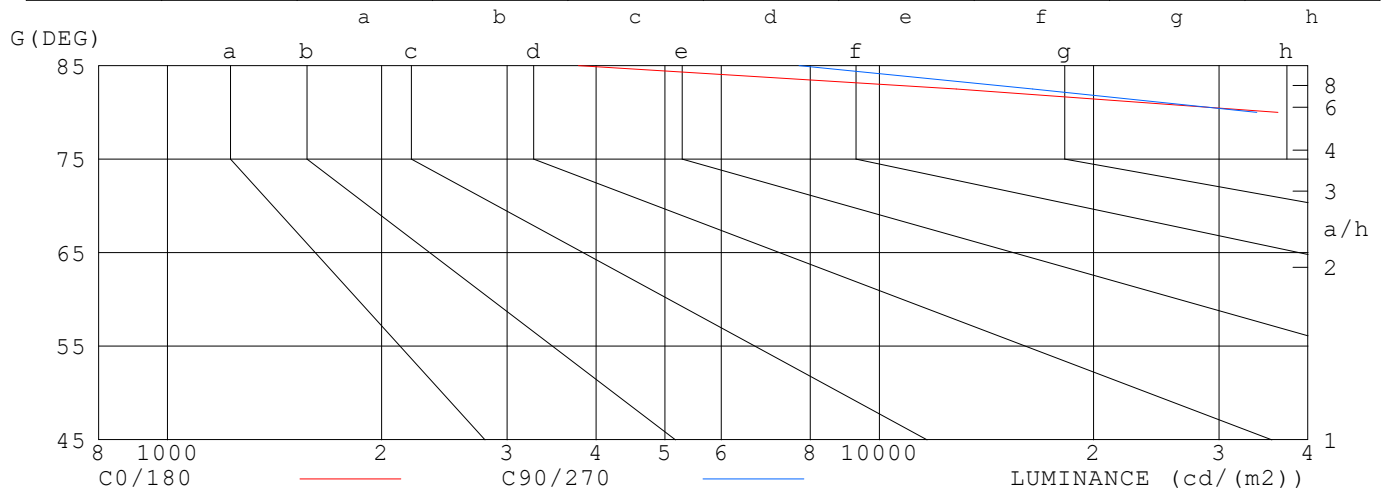
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N10040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	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	3779	7714
80	36317	33915
75	61653	67579
70	91247	92939
65	117468	118741
60	130516	129499
55	139861	138234
50	144642	142853
45	147936	146034

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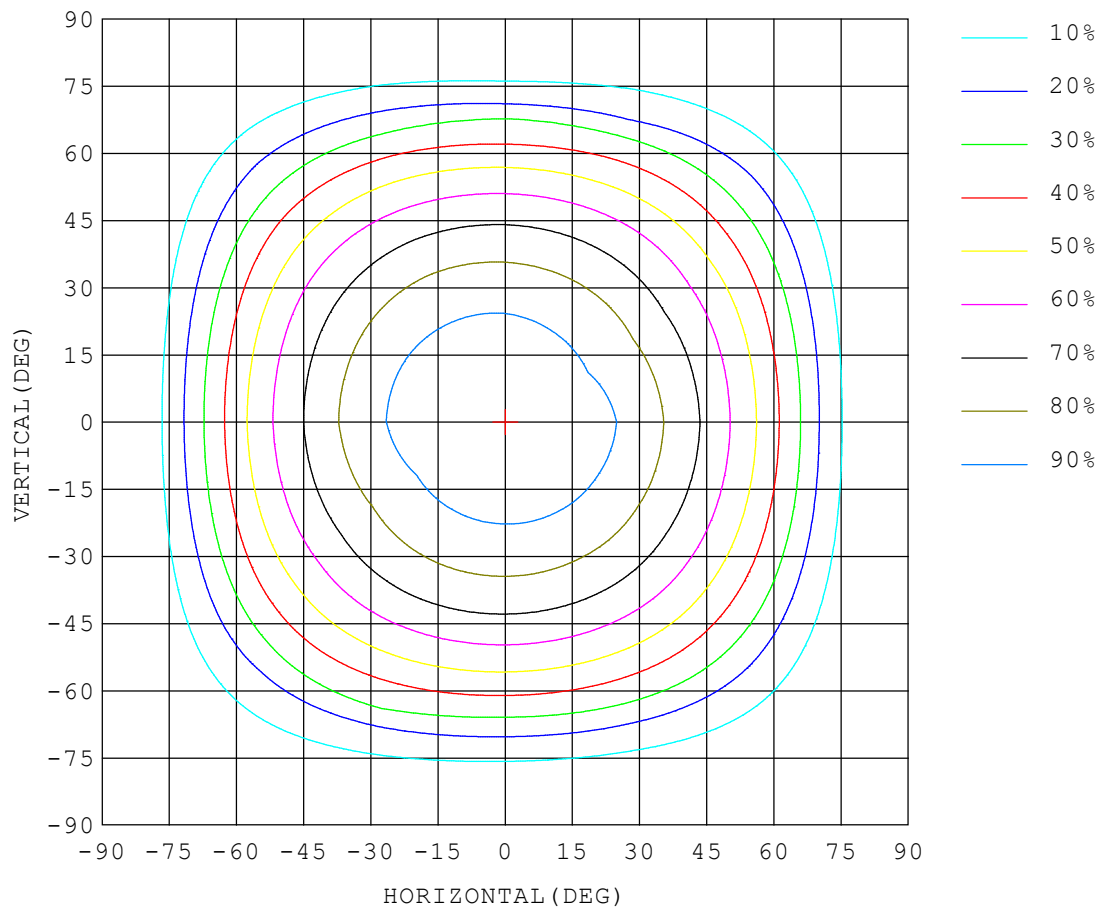
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 Humidity: 65.0%  
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 Remarks:

## ISOCANDELA DIAGRAM

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SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

UNIT: cd



Test System:  
Temperature: 25.3 DEG  
Operators:  
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