

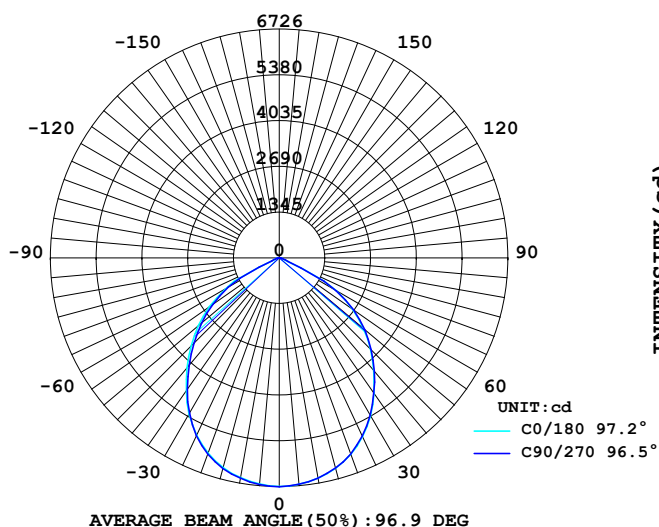
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

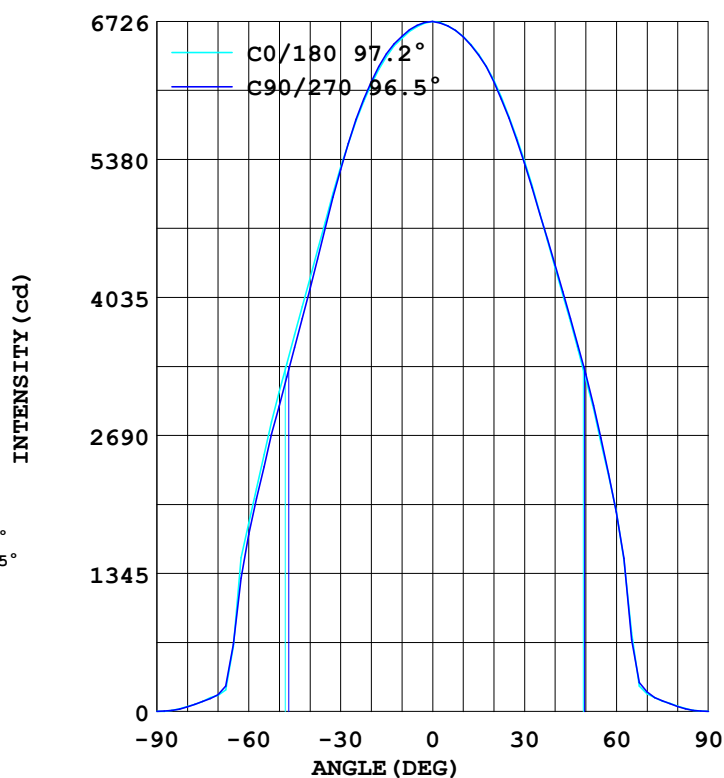
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N9040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	6726	S/MH (C0/180)	1.18
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.17
NOMINAL POWER(W)	90	TOTAL FLUX(lm)	14382	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.8	Current(A)	0.401
NOMINAL FLUX(lm)	14382.3	$\eta$ up (%)	0.0	Power(W)	89.98
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	14382.3	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 5.0 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:

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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

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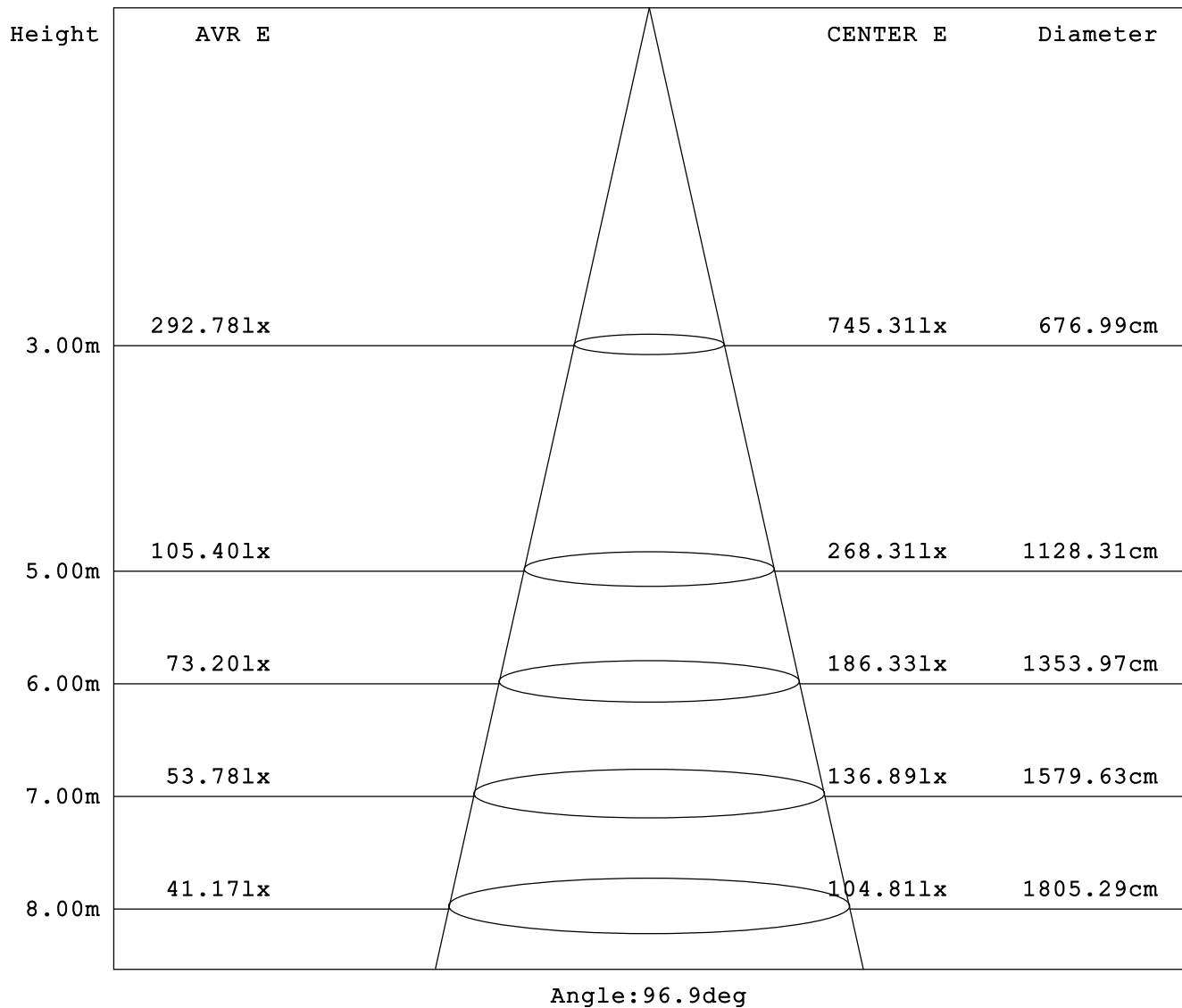
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## AVERAGE AND CENTER E Figure

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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:



Test System:  
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## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	6673	6682	6686	6680	6681	6678	6680	6669	0- 5	160.2	160.2
10.0	6559	6567	6578	6566	6578	6576	6574	6555	5- 10	473.8	634.0
15.0	6380	6389	6410	6389	6405	6401	6397	6369	10- 15	768.9	1403
20.0	6114	6124	6139	6123	6156	6152	6140	6118	15- 20	1033	2436
25.0	5753	5776	5770	5776	5795	5826	5781	5775	20- 25	1250	3685
30.0	5306	5303	5278	5329	5368	5398	5347	5342	25- 30	1407	5092
35.0	4767	4730	4711	4801	4857	4909	4850	4829	30- 35	1493	6585
40.0	4217	4128	4113	4222	4326	4379	4350	4285	35- 40	1510	8096
45.0	3669	3556	3547	3651	3801	3845	3830	3742	40- 45	1472	9568
50.0	3116	3002	2975	3078	3237	3279	3285	3190	45- 50	1383	10951
55.0	2504	2415	2386	2489	2623	2679	2666	2596	50- 55	1239	12190
60.0	1835	1775	1728	1853	1953	2031	1944	1938	55- 60	1024	13213
65.0	635.9	1159	656.1	1216	764.9	1416	698.8	1230	60- 65	712.1	13926
70.0	157.4	428.6	163.8	461.1	172.4	481.4	190.4	448.6	65- 70	298.7	14224
75.0	98.35	94.89	97.16	104.0	101.1	119.0	105.8	117.5	70- 75	99.51	14324
80.0	47.41	45.91	44.93	43.42	51.06	49.22	49.51	50.76	75- 80	40.05	14364
85.0	9.506	12.55	9.771	10.49	12.43	13.46	10.55	15.28	80- 85	15.42	14379
90.0	0.853	2.510	2.171	0.910	2.315	1.040	1.990	2.668	85- 90	2.922	14382
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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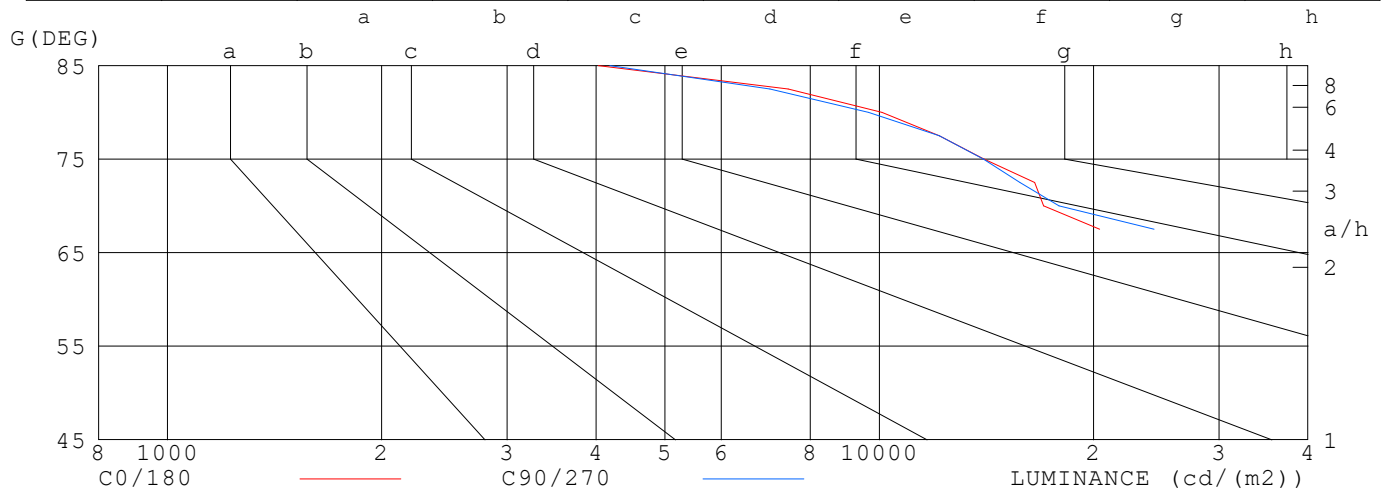
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N9040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	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	4029	4184
80	10086	9658
75	14038	14012
70	17007	17876
65	55588	57943
60	135571	128971
55	161266	155238
50	179070	172749
45	191654	187194

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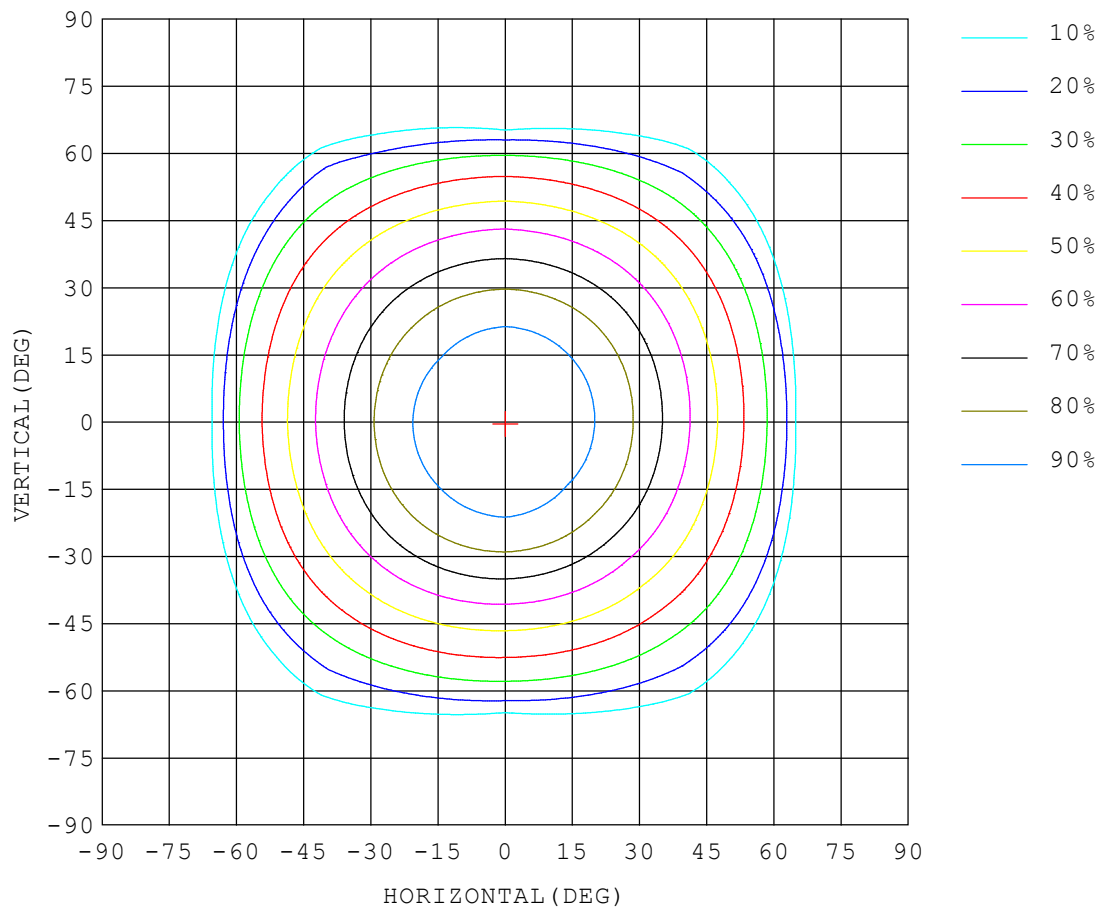
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 Remarks:

## ISOCANDELA DIAGRAM

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NAME: Klose	TYPE: IL-FL19-N9040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

UNIT: cd



Test System:  
Temperature: 25.3 DEG  
Operators:  
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