

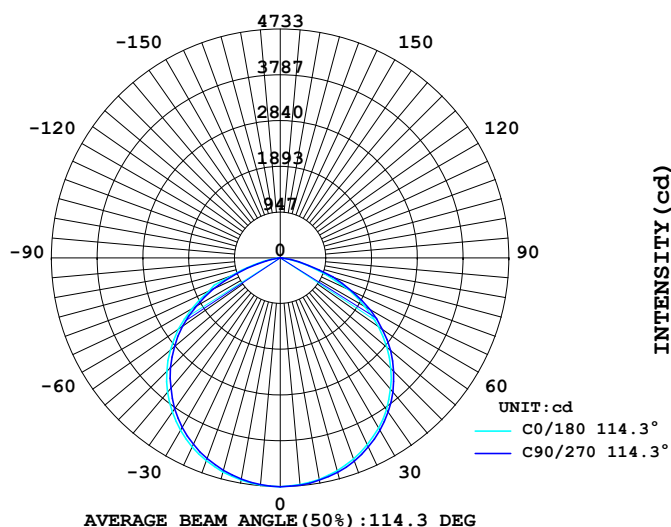
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

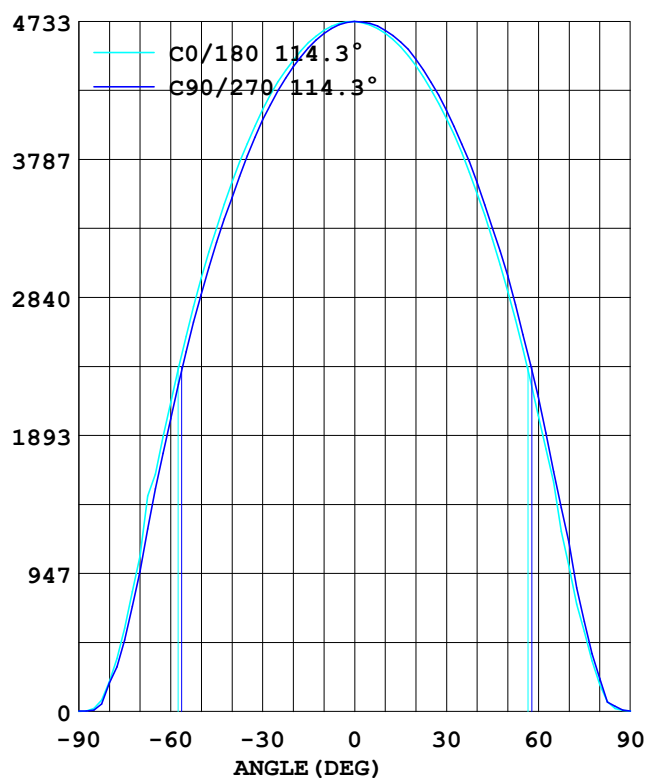
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	4733	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	13164	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	164.6	Current(A)	0.352
NOMINAL FLUX(lm)	13164.4	$\eta$ up (%)	0.0	Power(W)	79.97
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	13164.4	EEL	0.091

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-N8040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

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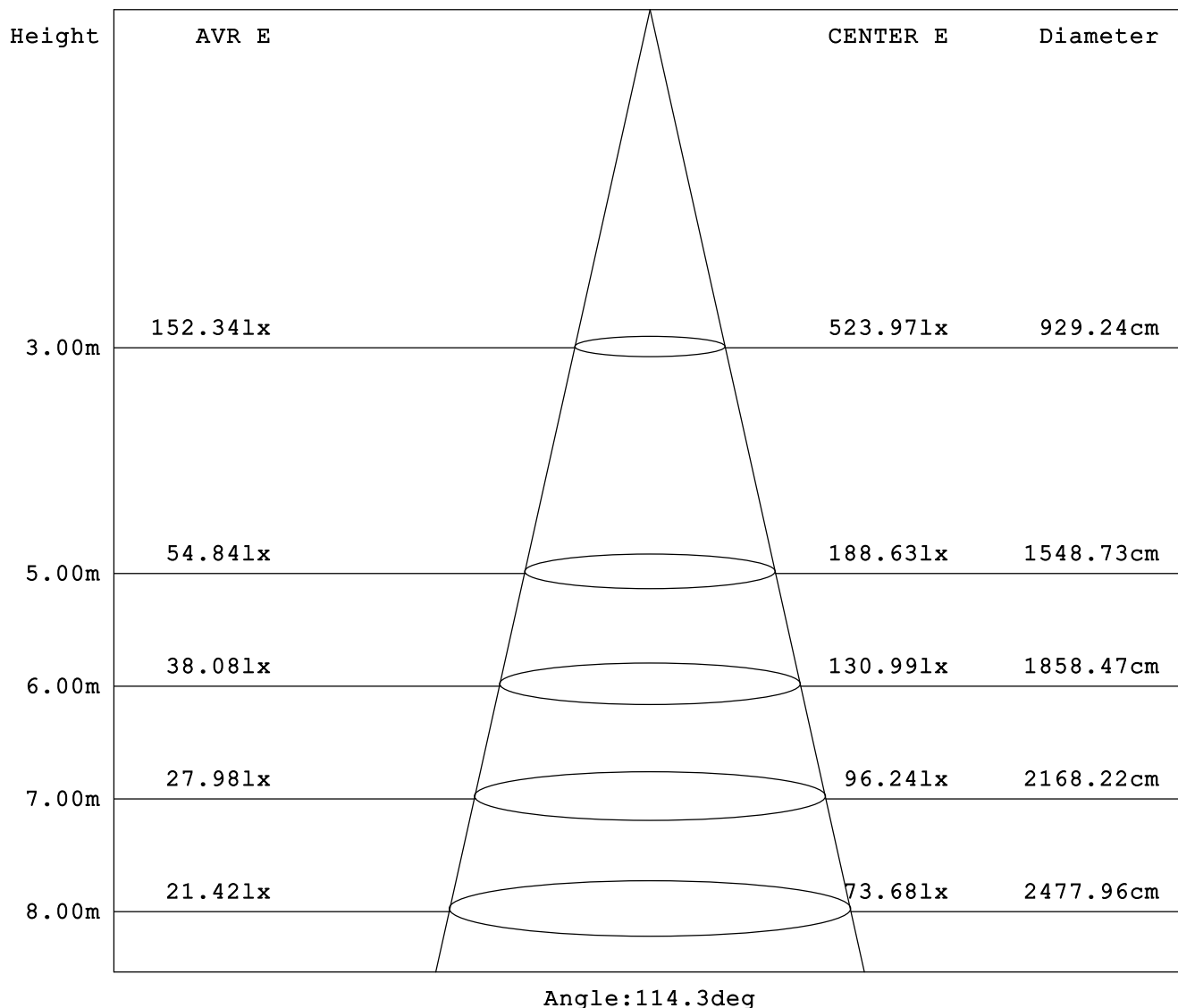
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Operators:  
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## AVERAGE AND CENTER E Figure

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	4718	4715	4710	4707	4709	4716	4720	4720	0- 5	112.9	112.9
10.0	4670	4660	4649	4649	4652	4667	4671	4677	5- 10	335.4	448.3
15.0	4586	4568	4552	4552	4558	4580	4593	4597	10- 15	547.8	996.1
20.0	4466	4436	4422	4421	4432	4461	4475	4478	15- 20	743.5	1740
25.0	4319	4277	4257	4250	4264	4298	4315	4328	20- 25	916.3	2656
30.0	4127	4084	4058	4045	4067	4099	4124	4142	25- 30	1061	3717
35.0	3893	3842	3810	3804	3835	3870	3892	3912	30- 35	1171	4888
40.0	3628	3570	3521	3520	3550	3595	3628	3649	35- 40	1242	6130
45.0	3315	3253	3217	3204	3238	3289	3315	3337	40- 45	1270	7399
50.0	2972	2910	2859	2846	2879	2927	2987	3000	45- 50	1252	8651
55.0	2572	2508	2467	2453	2486	2542	2586	2611	50- 55	1185	9837
60.0	2120	2080	2007	2001	2030	2103	2158	2181	55- 60	1067	10903
65.0	1627	1590	1527	1534	1573	1637	1646	1694	60- 65	898.5	11802
70.0	1065	1019	959.8	975.6	996.6	1036	1159	1170	65- 70	678.5	12480
75.0	571.3	570.5	490.7	522.6	548.3	604.5	614.9	652.5	70- 75	423.6	12904
80.0	202.3	196.8	193.9	173.0	184.6	209.1	226.9	244.9	75- 80	202.3	13106
85.0	20.52	23.16	10.12	17.05	21.07	30.39	36.02	42.26	80- 85	52.15	13159
90.0	1.344	2.461	2.637	2.848	3.482	2.830	3.536	2.848	85- 90	5.825	13164
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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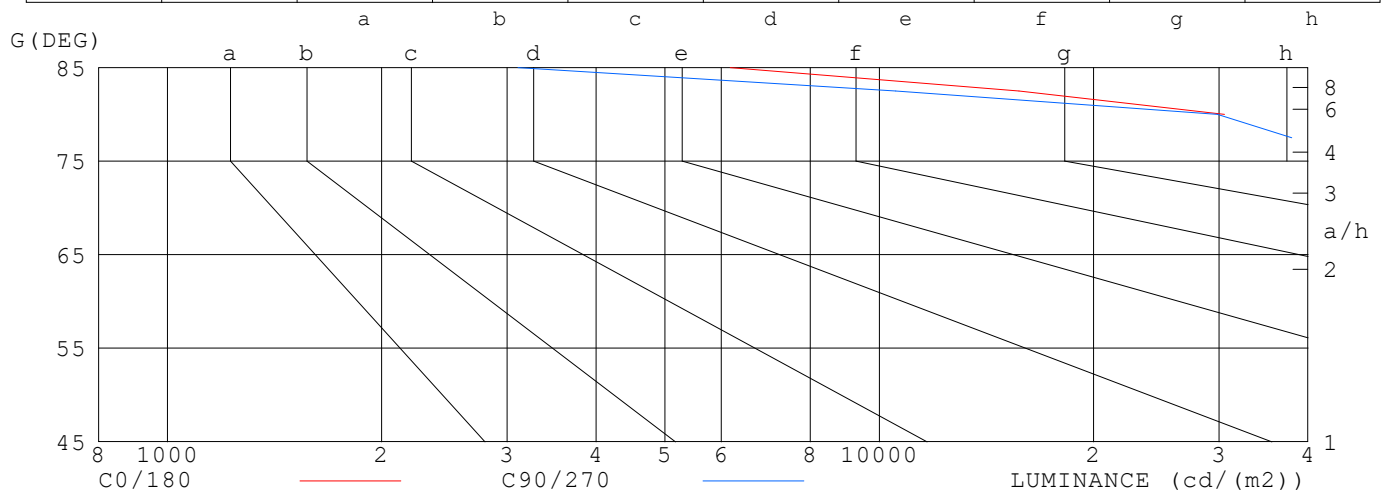
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-110	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	6176	3106
80	30555	29854
75	57879	50681
70	81655	75008
65	100937	96563
60	111146	107289
55	117574	114971
50	121234	118901
45	122911	121609

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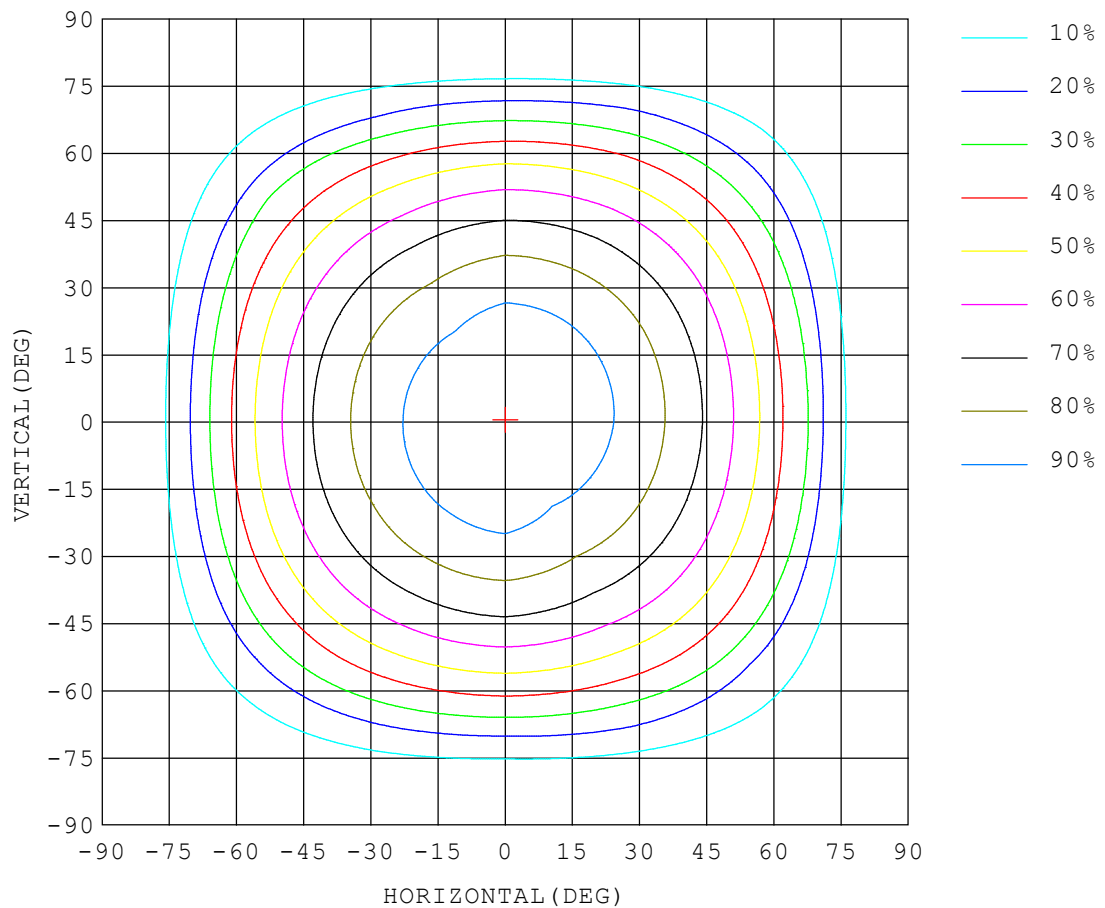
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 Remarks:

## 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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