

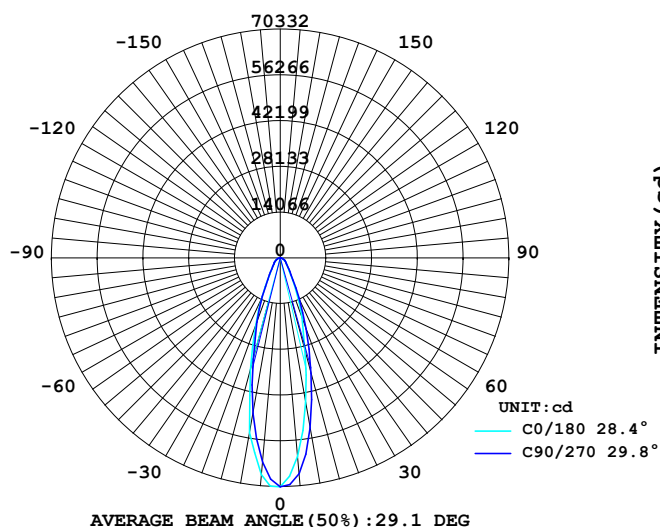
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

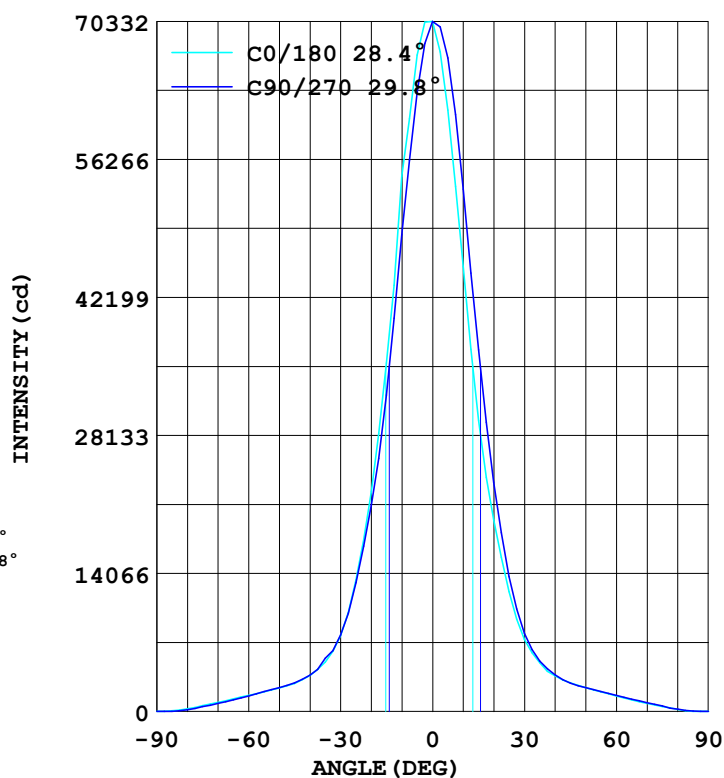
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	70514	S/MH (C0/180)	0.50
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.47
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	31091	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	155.1	Current(A)	0.897
NOMINAL FLUX(lm)	31091.2	$\eta$ up (%)	0.0	Power(W)	200.5
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.6	Effective Flux(lm)	31091.2	EEI	0.097

## LUMINOUS INTENSITY DISTRIBUTION



## LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 6.0deg/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-N20040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

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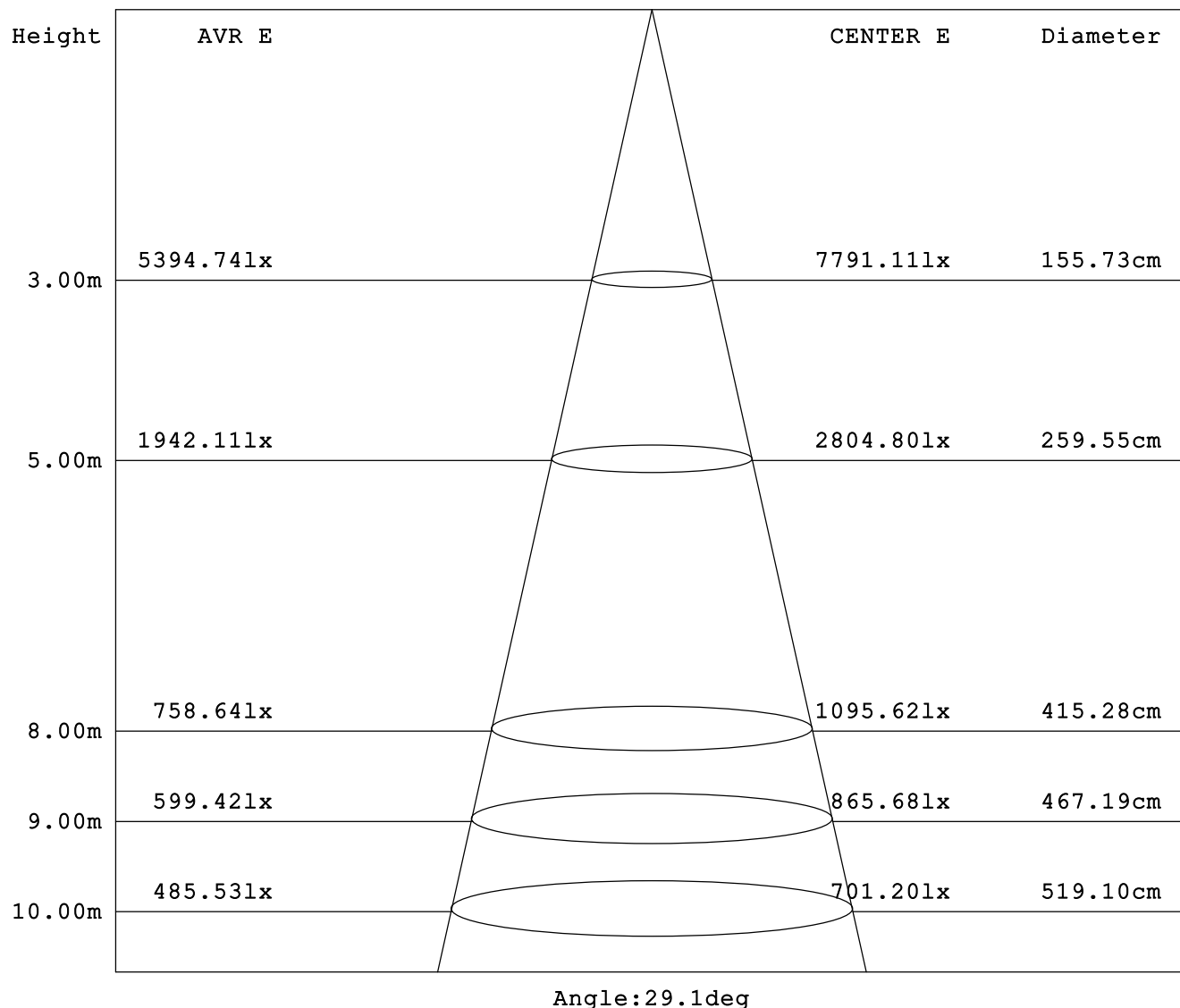
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Temperature: 25.3DEG  
Operators:  
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## AVERAGE AND CENTER E Figure

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SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:



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Temperature: 25.3DEG  
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## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	6690	6525	6306	6157	6129	6345	6660	6755	0- 5	1611	1611
10.0	5455	5028	4860	4631	4531	4904	5321	5380	5- 10	4073	5684
15.0	3551	3399	3226	3045	2963	3286	3686	3724	10- 15	4866	10550
20.0	2242	2171	2106	2011	1956	2160	2338	2365	15- 20	4463	15014
25.0	1344	1422	1312	1345	1222	1393	1376	1500	20- 25	3667	18681
30.0	773.2	883.9	782.2	857.5	735.5	839.6	798.6	895.0	25- 30	2752	21432
35.0	502.5	561.2	544.2	559.0	496.0	551.8	515.0	557.7	30- 35	1983	23416
40.0	368.5	400.5	370.2	398.9	363.1	387.5	372.7	395.8	35- 40	1523	24939
45.0	286.9	313.8	293.1	315.2	290.8	308.2	288.7	310.1	40- 45	1269	26208
50.0	238.7	259.8	244.2	255.5	241.9	253.7	242.7	258.4	45- 50	1119	27327
55.0	200.4	214.6	202.7	207.1	200.6	208.9	203.5	215.8	50- 55	999.2	28327
60.0	165.4	172.8	159.3	161.1	159.6	165.0	164.3	175.8	55- 60	864.7	29191
65.0	128.8	130.4	119.6	118.3	119.6	124.0	126.4	135.7	60- 65	710.1	29902
70.0	92.75	90.56	82.37	78.92	83.05	84.90	90.61	96.76	65- 70	538.4	30440
75.0	58.82	57.20	49.14	45.60	51.34	51.76	56.65	60.90	70- 75	367.5	30808
80.0	27.42	24.36	17.79	17.29	21.75	22.23	24.45	30.41	75- 80	201.6	31009
85.0	6.885	5.525	1.901	2.341	2.311	4.051	4.787	8.596	80- 85	70.61	31080
90.0	0.477	0.575	0.540	0.568	0.762	0.575	0.775	0.816	85- 90	11.44	31091
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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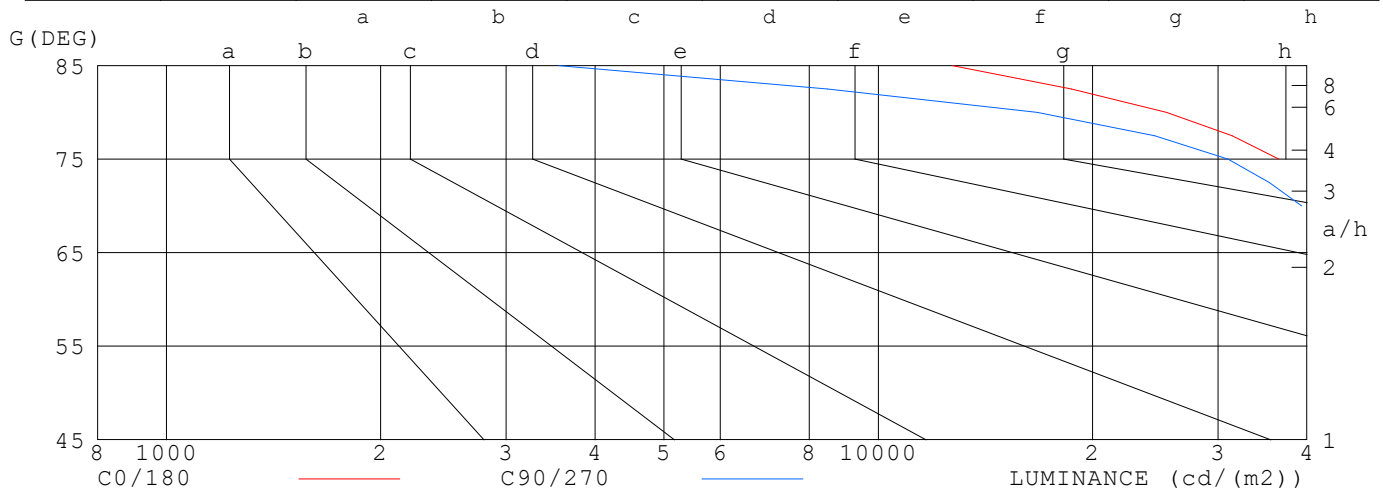
## LUMINANCE LIMITATION CURVES

Report number:

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### 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	12705	3561
80	25396	16725
75	36549	30998
70	43610	39320
65	49037	46227
60	53218	52030
55	56204	57707
50	59737	62020
45	65265	67676

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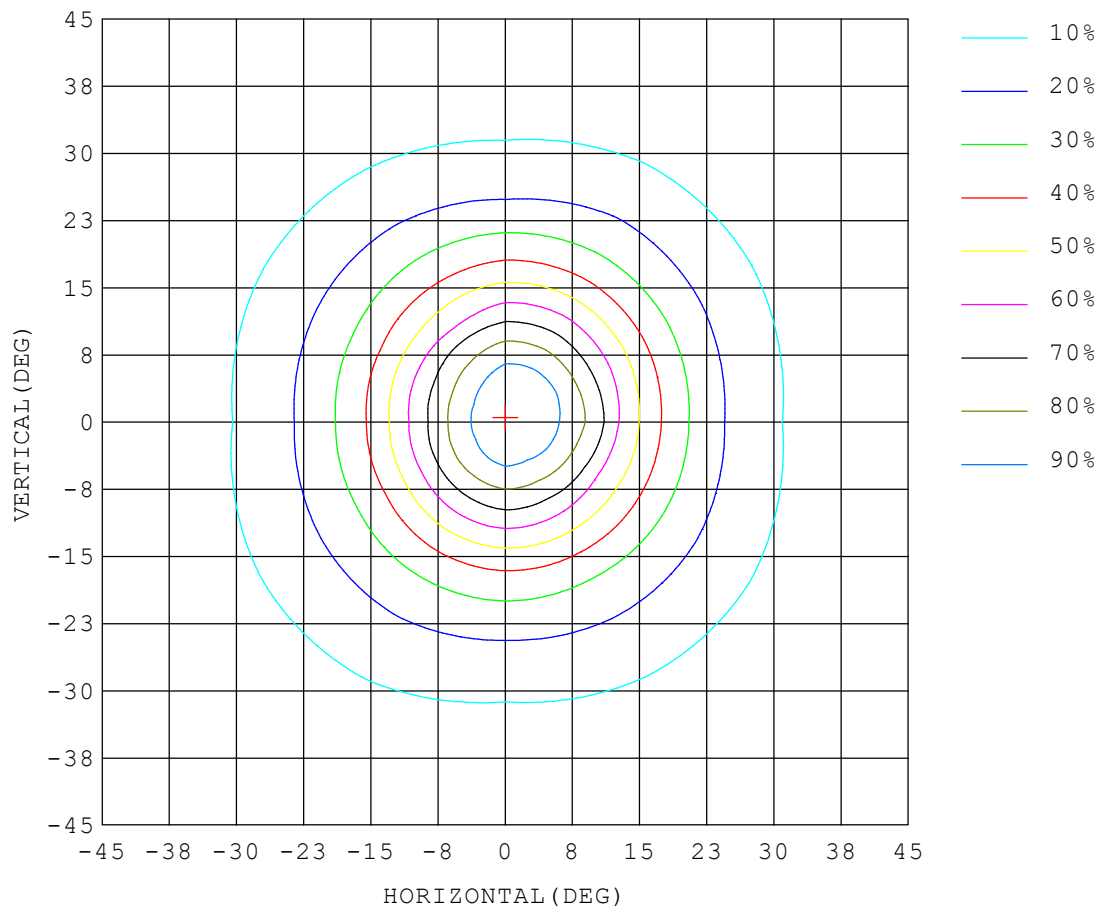
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## ISOCANDELA DIAGRAM

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SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

UNIT: cd



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Operators:  
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Test Distance: 10.000 m  
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