

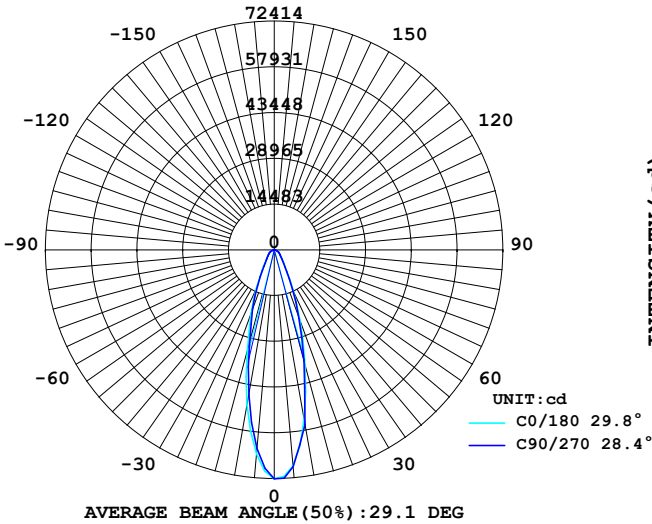
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

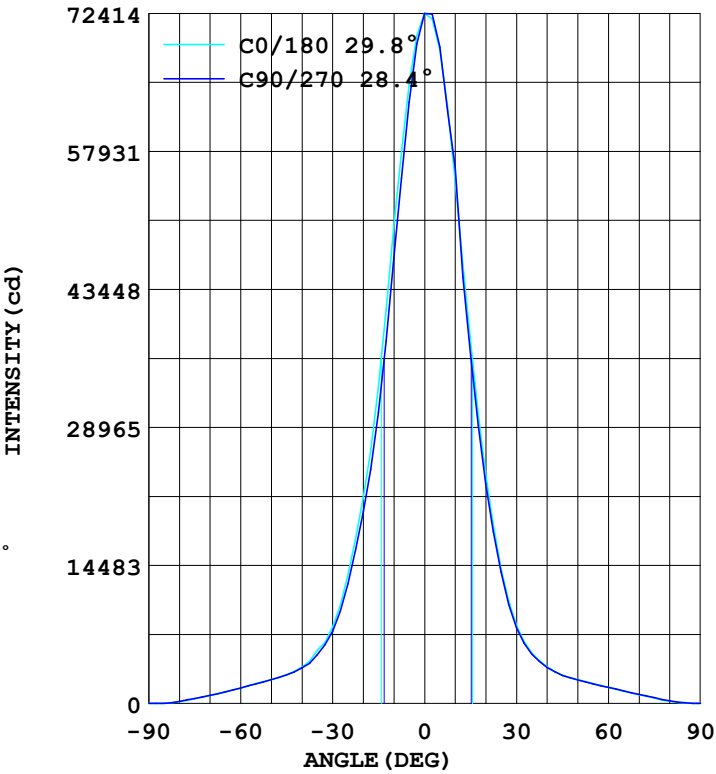
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-30	WEIGHT:
SPECIFICATION: 2835LED、4000K、30deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	72601	S/MH (C0/180)	0.47
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.44
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	32011	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	159.7	Current(A)	0.897
NOMINAL FLUX(lm)	32011.2	η up (%)	0.0	Power(W)	200.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	229.6	Effective Flux(lm)	32011.2	EEI	0.094

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:

Color Temperature Data List

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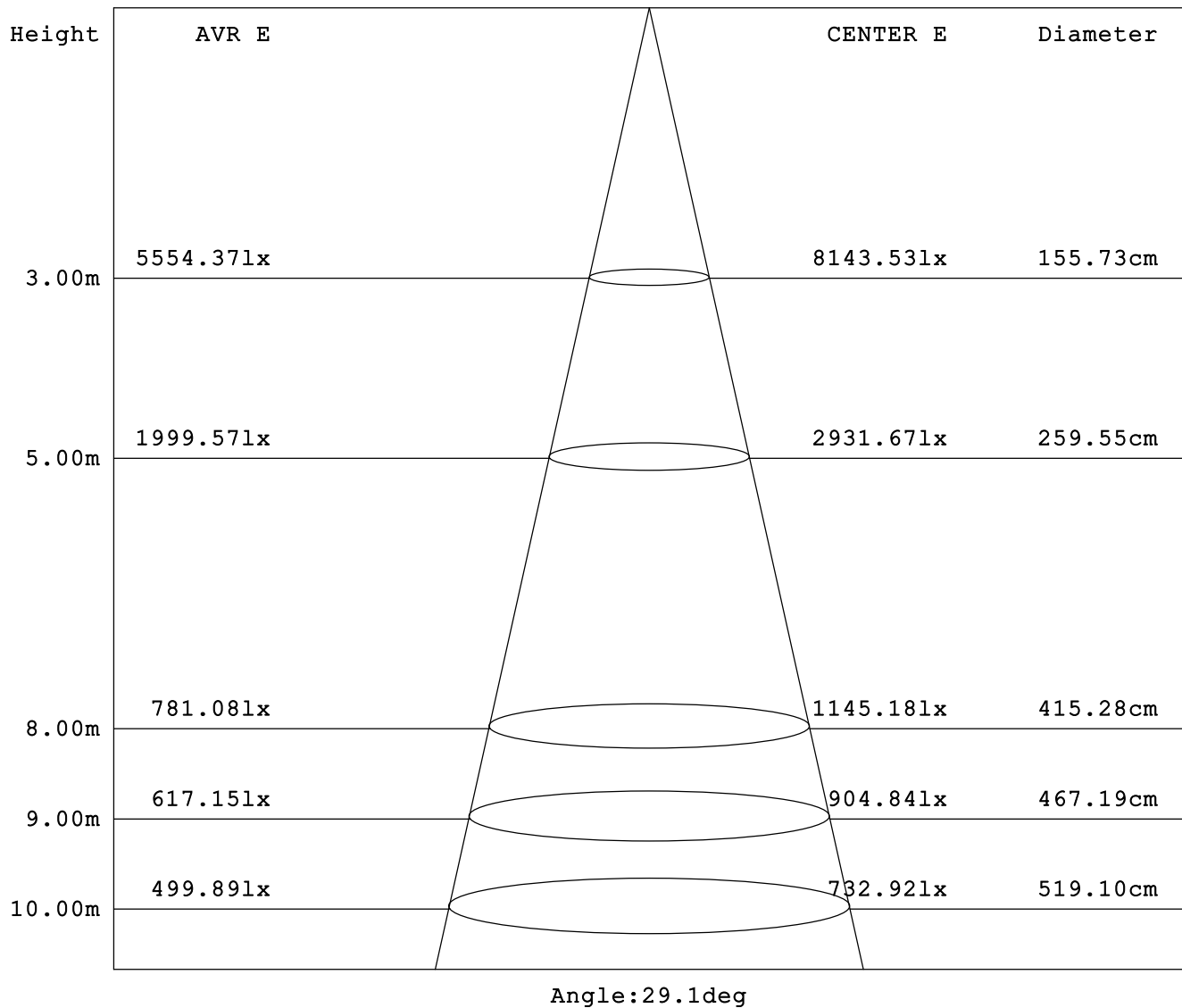
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	6493	6339	6310	6533	6857	6955	6888	6718	0- 5	1659	1659
10.0	5004	4768	4665	5049	5478	5539	5616	5177	5- 10	4194	5852
15.0	3321	3135	3050	3383	3795	3834	3656	3499	10- 15	5010	10863
20.0	2168	2070	2014	2224	2407	2435	2308	2236	15- 20	4595	15458
25.0	1351	1384	1258	1435	1417	1544	1384	1464	20- 25	3775	19233
30.0	805.4	882.9	757.3	864.5	822.3	921.5	796.1	910.1	25- 30	2833	22067
35.0	560.3	575.5	510.7	568.1	530.3	574.2	517.4	577.8	30- 35	2042	24109
40.0	381.2	410.7	373.9	398.9	383.7	407.5	379.4	412.3	35- 40	1568	25677
45.0	301.8	324.5	299.5	317.3	297.3	319.3	295.4	323.1	40- 45	1307	26983
50.0	251.4	263.1	249.0	261.2	249.8	266.0	245.8	267.5	45- 50	1153	28136
55.0	208.7	213.2	206.6	215.1	209.5	222.2	206.4	220.9	50- 55	1029	29165
60.0	164.0	165.9	164.4	169.9	169.2	181.0	170.3	177.9	55- 60	890.3	30055
65.0	123.2	121.8	123.1	127.7	130.1	139.7	132.6	134.3	60- 65	731.1	30786
70.0	84.81	81.26	85.51	87.41	93.29	99.63	95.50	93.24	65- 70	554.3	31341
75.0	50.60	46.95	52.86	53.29	58.33	62.70	60.56	58.90	70- 75	378.4	31719
80.0	18.31	17.81	22.39	22.89	25.17	31.31	28.23	25.08	75- 80	207.5	31927
85.0	1.957	2.410	2.379	4.171	4.929	8.850	7.089	5.688	80- 85	72.70	31999
90.0	0.556	0.584	0.785	0.592	0.797	0.840	0.491	0.592	85- 90	11.78	32011
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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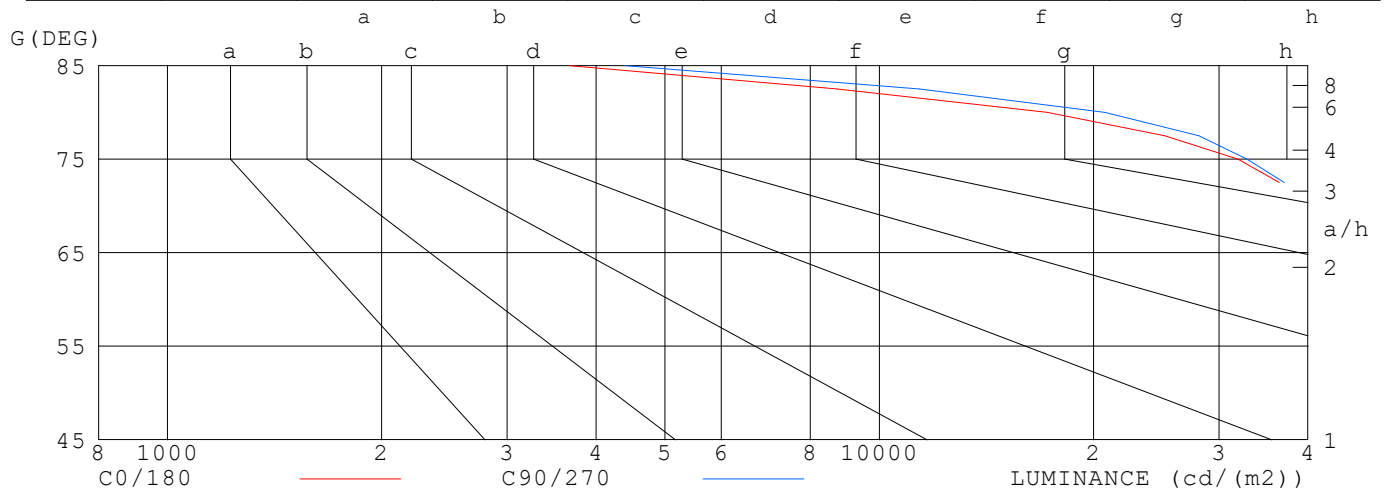
LUMINANCE LIMITATION CURVES

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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	3666	4390
80	17219	20741
75	31915	32845
70	40483	40206
65	47595	46866
60	53570	52876
55	59415	57929
50	63855	62308
45	69678	68111

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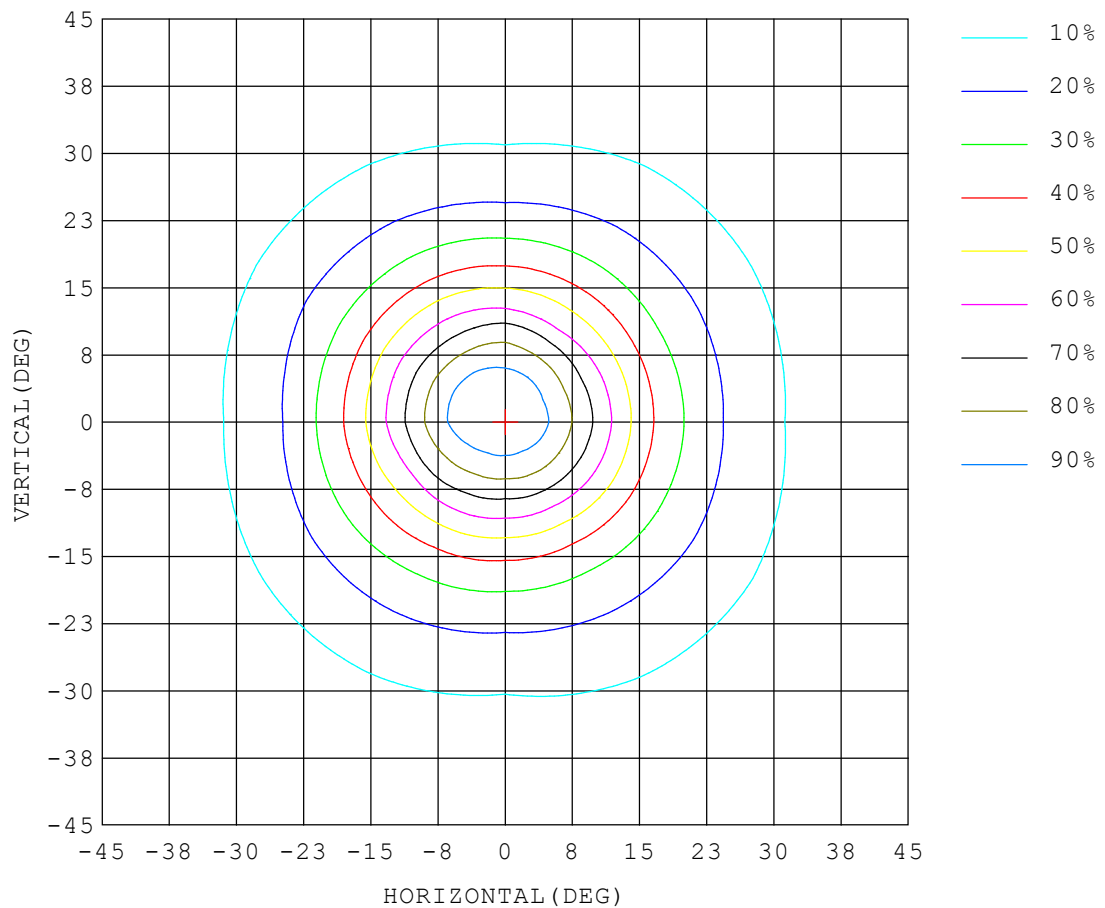
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ISOCANDELA DIAGRAM

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UNIT: cd



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