

# LUMINAIRE PHOTOMETRIC TEST REPORT

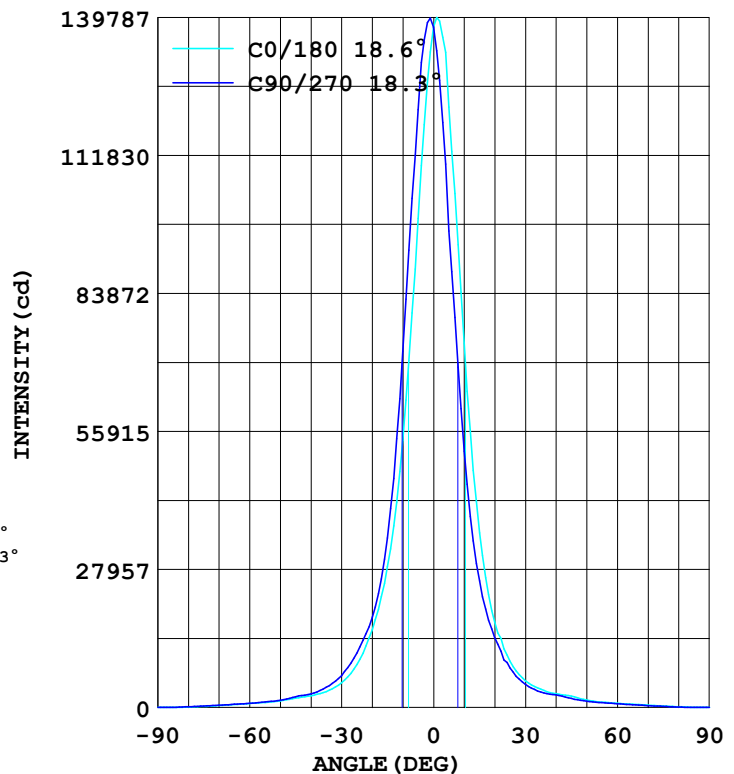
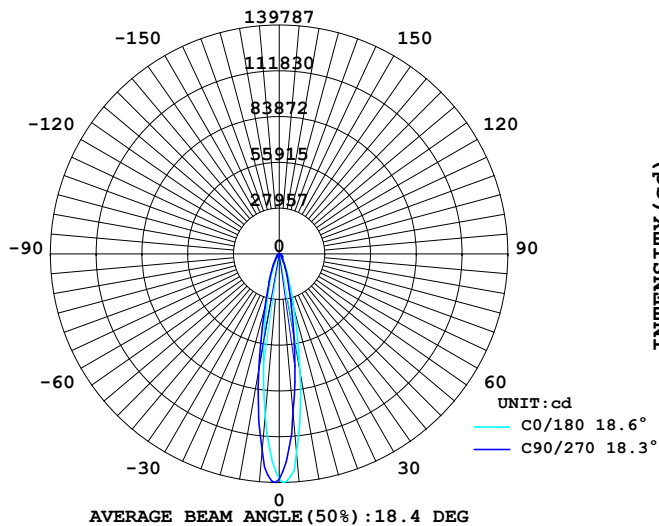
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-15	WEIGHT:
SPECIFICATION: 2835LED、4000K、15DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	141116	S/MH (C0/180)	0.28
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.36
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	28049	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	139.7	Current(A)	0.883
NOMINAL FLUX(lm)	28049.0	$\eta$ up (%)	0.0	Power(W)	200.8
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	28049.0	EEI	0.107

LUMINOUS INTENSITY DISTRIBUTION

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

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

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## Color Temperature Data List

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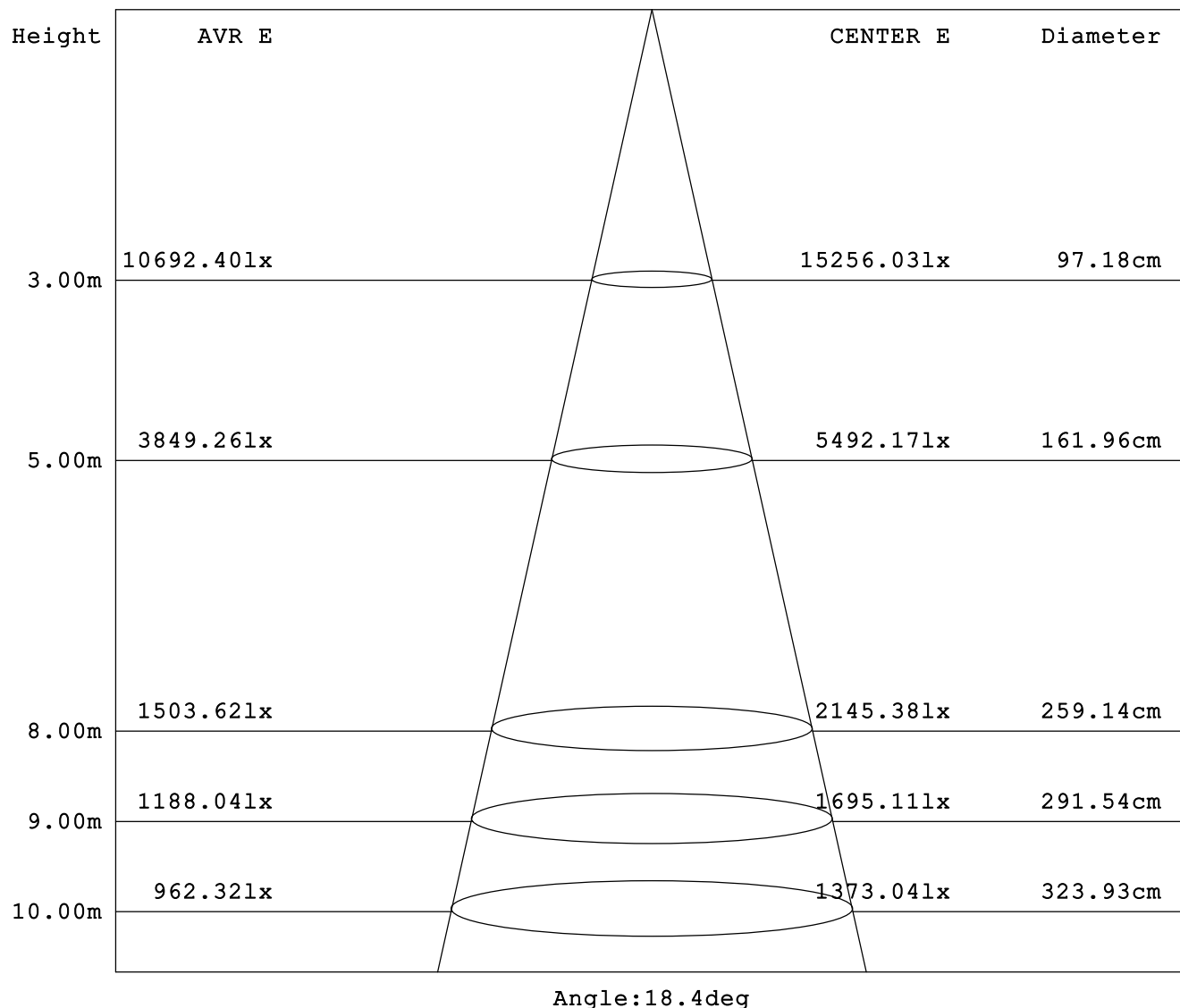
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## AVERAGE AND CENTER E Figure

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## ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	990.3	1031	1211	1257	1216	1149	965.2	972.2	0- 5	2942	2942
10.0	541.1	568.3	721.4	766.6	737.1	658.0	518.7	520.6	5- 10	5956	8898
15.0	285.6	291.5	343.0	374.1	353.8	313.5	256.1	266.6	10- 15	5235	14133
20.0	157.9	158.3	182.9	191.0	173.3	157.2	141.9	148.8	15- 20	3679	17812
25.0	86.97	90.74	110.5	97.81	93.92	87.19	80.08	89.12	20- 25	2605	20417
30.0	50.11	53.97	64.79	61.97	54.25	51.80	46.89	55.13	25- 30	1811	22228
35.0	32.22	34.69	41.17	39.57	37.54	35.06	31.34	34.93	30- 35	1303	23531
40.0	23.79	24.10	27.70	27.68	27.95	26.27	25.33	24.94	35- 40	1008	24539
45.0	18.95	18.89	21.92	22.76	23.27	22.49	18.40	19.20	40- 45	863.2	25402
50.0	13.59	13.94	14.84	16.35	15.16	15.63	12.80	13.87	45- 50	709.4	26112
55.0	10.30	10.61	11.14	11.63	10.94	11.51	9.846	10.42	50- 55	544.2	26656
60.0	8.018	8.227	8.503	9.280	8.534	8.731	7.630	7.965	55- 60	438.9	27095
65.0	5.899	6.058	6.528	7.066	6.631	6.622	5.686	5.630	60- 65	354.7	27450
70.0	3.943	4.099	4.670	4.966	4.818	4.885	3.871	3.713	65- 70	268.8	27718
75.0	2.264	2.378	2.918	3.146	2.945	2.848	2.315	2.078	70- 75	180.6	27899
80.0	0.850	1.002	1.544	1.647	1.568	1.399	0.864	0.821	75- 80	100.7	28000
85.0	0.226	0.215	0.440	0.565	0.421	0.421	0.264	0.164	80- 85	40.05	28040
90.0	0.076	0.041	0.079	0.108	0.055	0.080	0.076	0.042	85- 90	9.187	28049
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:×100cd									UNIT:lm	

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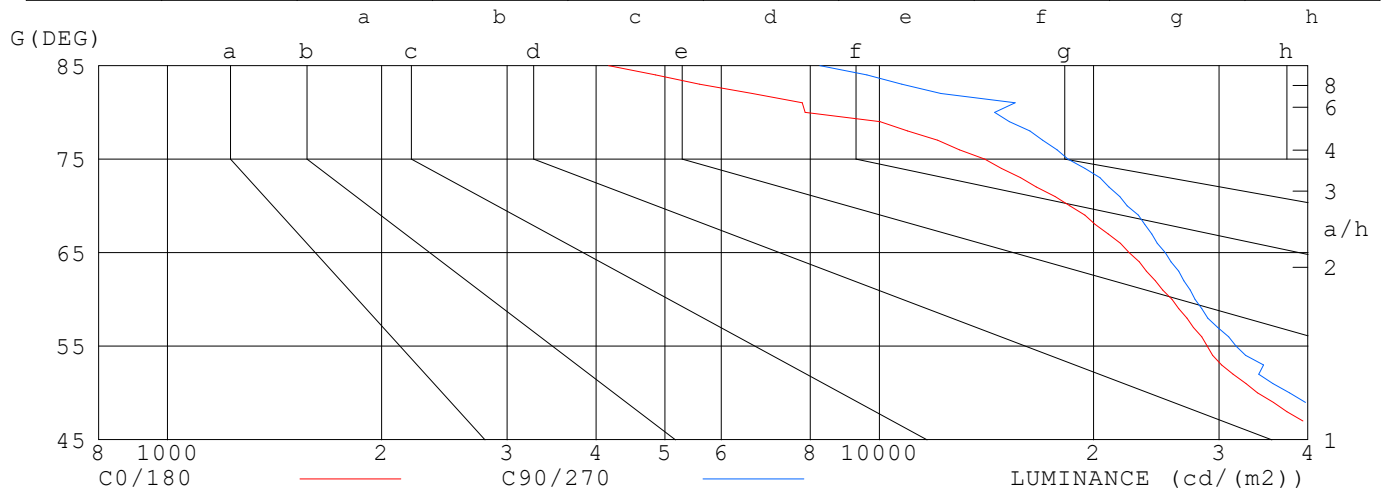
## LUMINANCE LIMITATION CURVES

Report number:

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SPECIFICATION: 2835LED、4000K、15DEG	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	4164	8249
80	7870	14516
75	14058	18404
70	18527	22292
65	22433	25217
60	25772	27762
55	28880	31708
50	33997	37691
45	43090	50611

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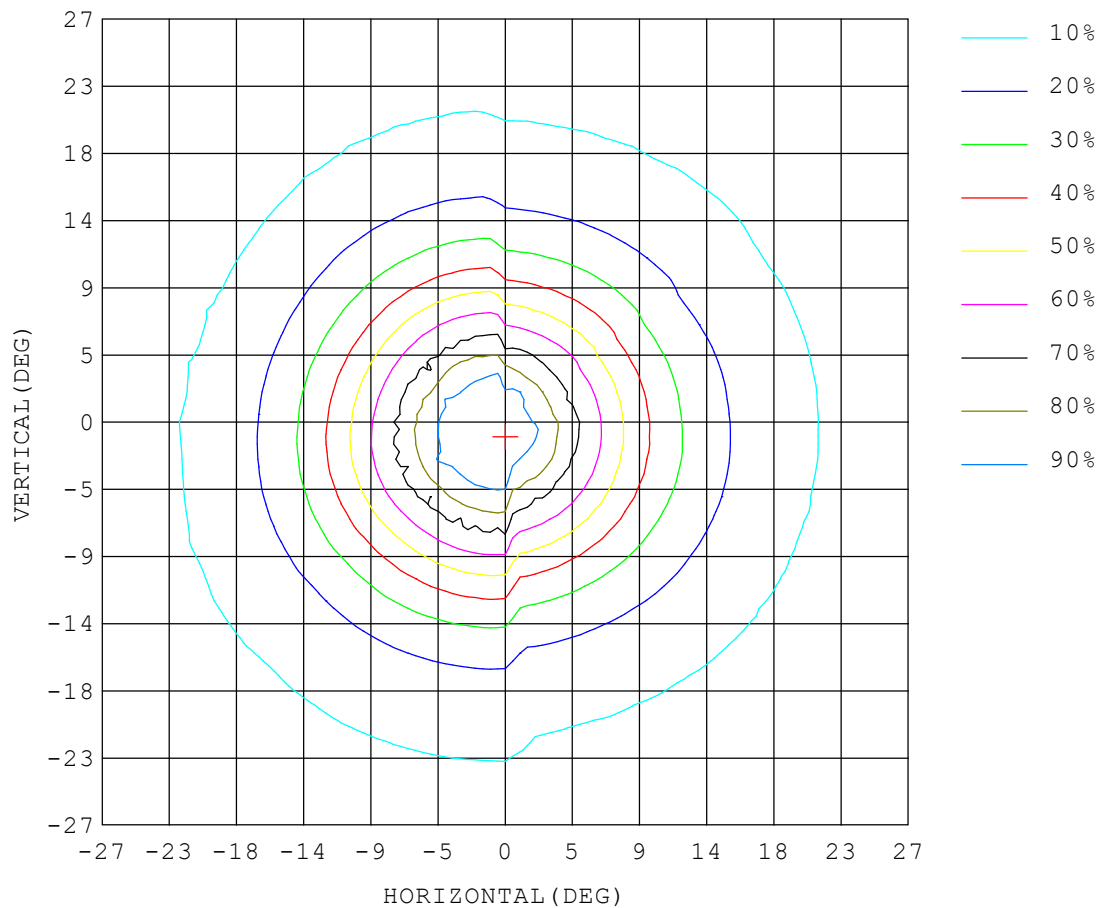
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## ISOCANDELA DIAGRAM

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UNIT: cd



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