

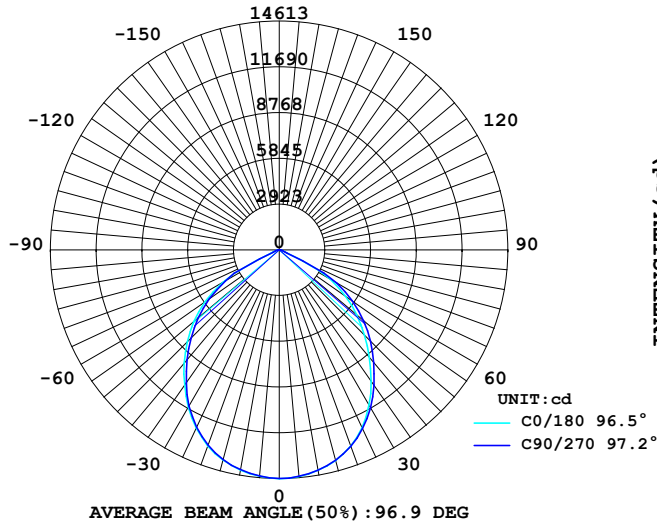
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

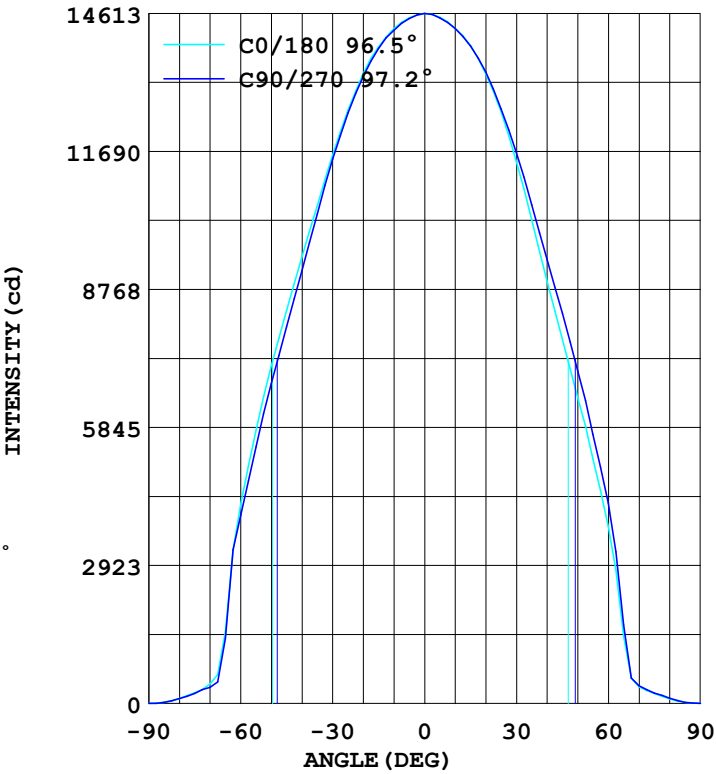
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	14613	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.18
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	31248	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	155.1	Current(A)	0.898
NOMINAL FLUX(lm)	31248.2	η up (%)	0.0	Power(W)	201.5
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	31248.2	EEI	0.097

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

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

Color Temperature Data List

Report number:

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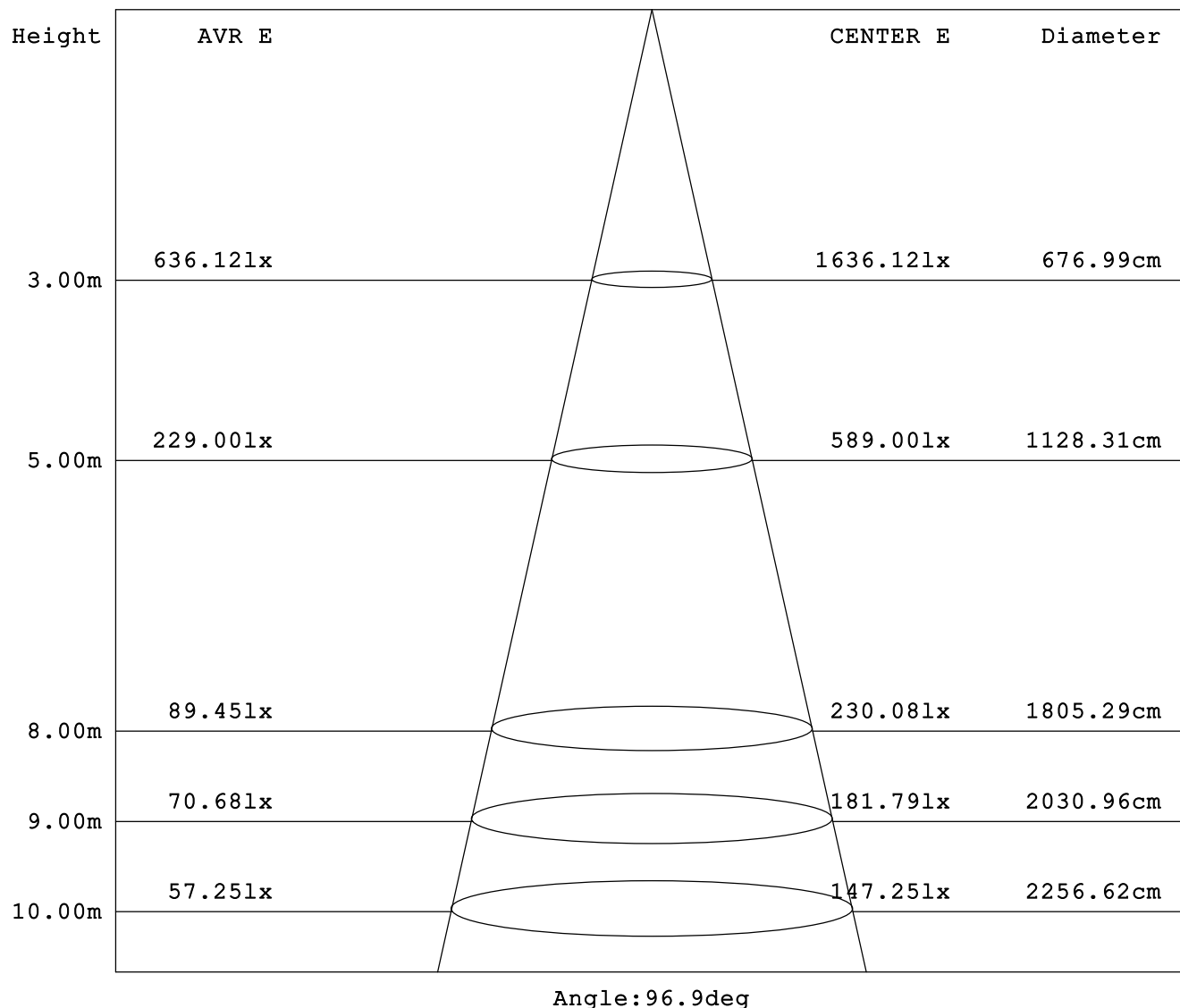
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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NAME: Klose	TYPE: IL-FL19-N20040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1451	1449	1450	1452	1453	1451	1452	1451	0- 5	348.1	348.1
10.0	1428	1424	1425	1427	1429	1427	1429	1429	5- 10	1030	1378
15.0	1390	1384	1386	1388	1393	1388	1392	1391	10- 15	1671	3048
20.0	1334	1329	1328	1330	1334	1330	1337	1337	15- 20	2243	5292
25.0	1256	1255	1250	1255	1254	1255	1259	1266	20- 25	2715	8007
30.0	1162	1161	1153	1152	1147	1158	1166	1173	25- 30	3056	11064
35.0	1054	1049	1036	1028	1024	1043	1055	1067	30- 35	3244	14308
40.0	945.0	931.0	916.1	896.9	893.7	917.2	939.9	951.5	35- 40	3281	17589
45.0	832.2	813.0	797.1	772.6	770.5	793.2	825.7	835.4	40- 45	3198	20787
50.0	713.7	693.1	677.0	652.2	646.4	668.8	703.2	712.3	45- 50	3005	23793
55.0	579.2	563.9	544.0	524.6	518.3	540.7	569.7	582.0	50- 55	2691	26484
60.0	422.2	420.9	398.7	385.7	375.3	402.4	424.2	441.2	55- 60	2225	28709
65.0	151.8	267.3	138.1	251.8	142.5	264.1	166.1	307.5	60- 65	1547	30256
70.0	41.37	97.47	34.21	93.12	35.59	100.1	37.47	104.6	65- 70	649.0	30905
75.0	22.99	25.53	21.37	20.61	21.11	22.59	21.97	25.85	70- 75	216.2	31121
80.0	10.75	11.02	10.30	9.976	9.762	9.434	11.09	10.69	75- 80	87.02	31208
85.0	2.293	3.320	2.065	2.726	2.122	2.279	2.701	2.926	80- 85	33.52	31242
90.0	0.432	0.580	0.185	0.545	0.472	0.198	0.503	0.226	85- 90	6.349	31248
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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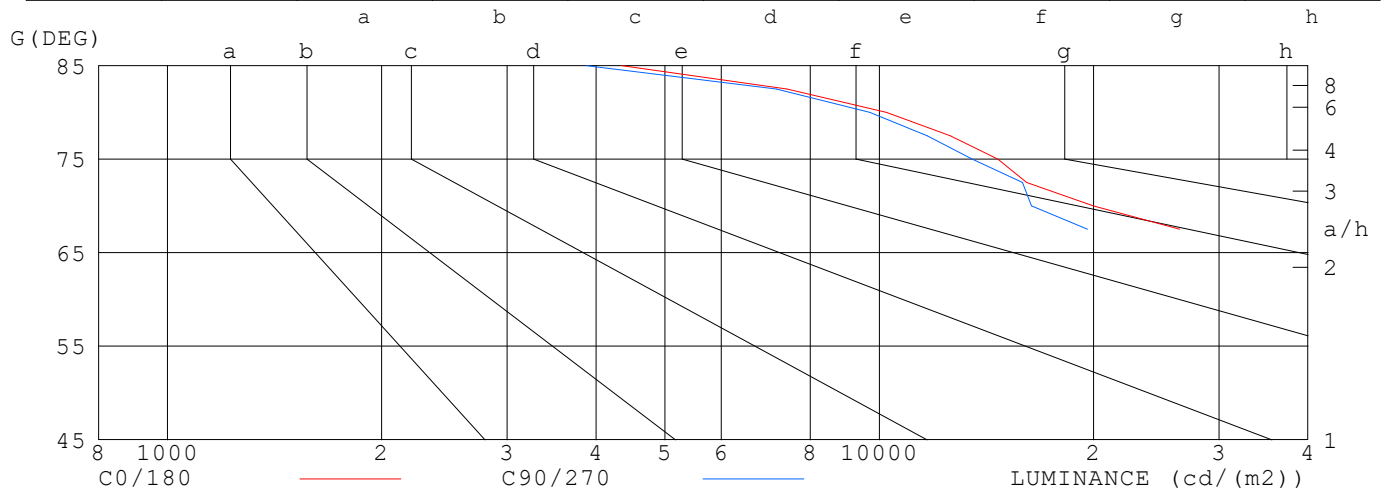
LUMINANCE LIMITATION CURVES

Report number:

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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	4347	3875
80	10235	9699
75	14679	13500
70	19983	16356
65	59354	53458
60	139521	130376
55	166817	155087
50	183434	172208
45	194422	184310

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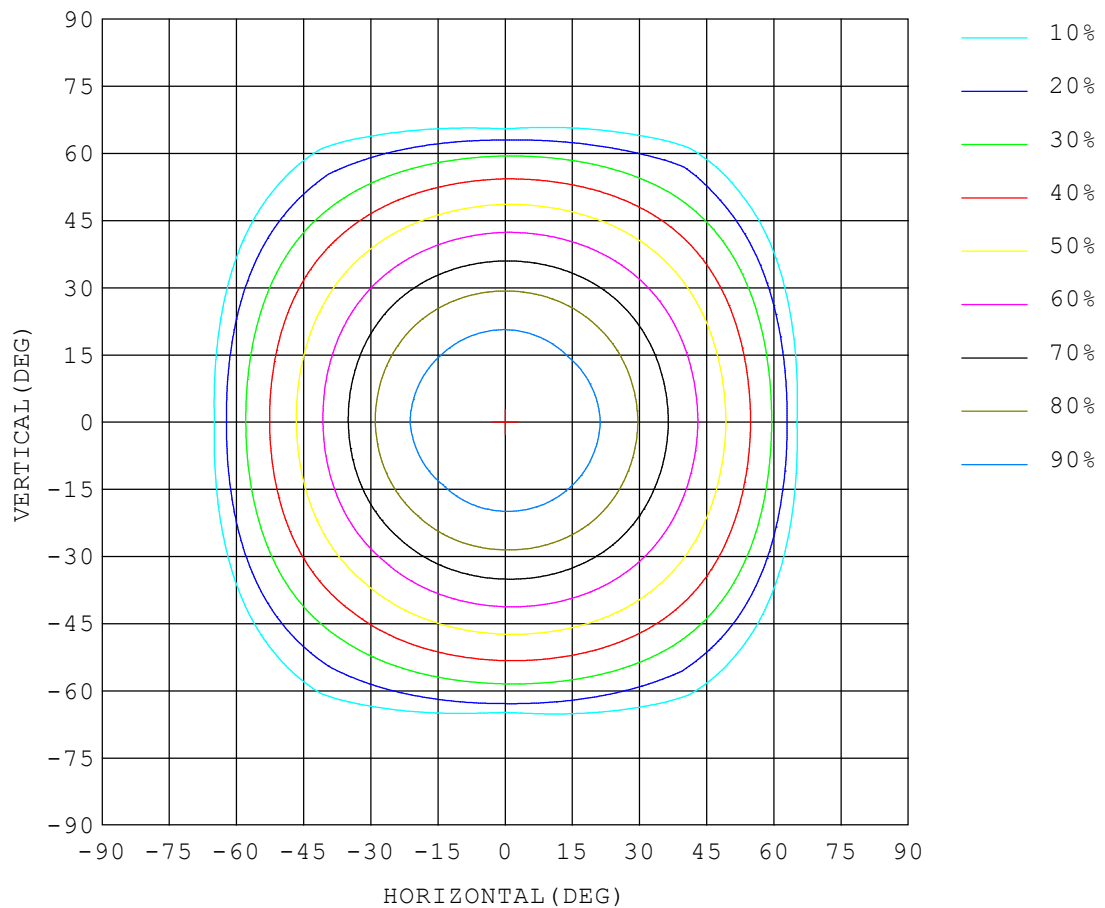
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ISOCANDELA DIAGRAM

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UNIT: cd



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