

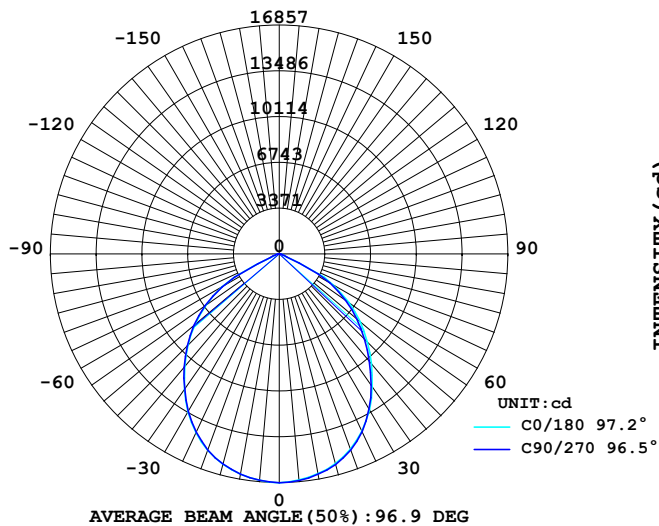
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

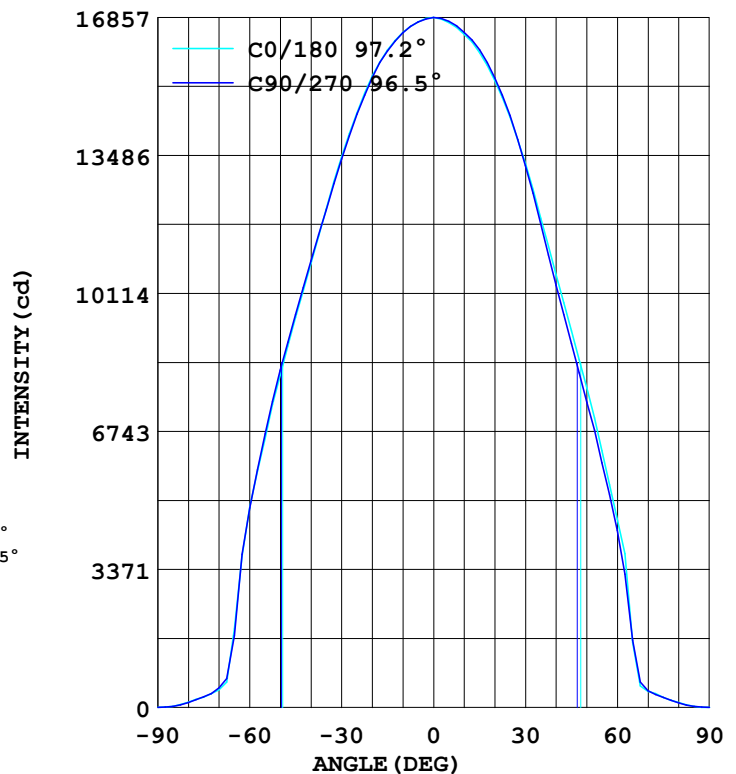
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N24040-90	WEIGHT:
SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	16857	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.19
NOMINAL POWER(W)	240	TOTAL FLUX(lm)	36048	Voltage(V)	230.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.2	Current(A)	1.069
NOMINAL FLUX(lm)	36048.2	η up (%)	0.0	Power(W)	239.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.973
TEST VOLTAGE (V)	230.6	Effective Flux(lm)	36048.2	EEI	0.100

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

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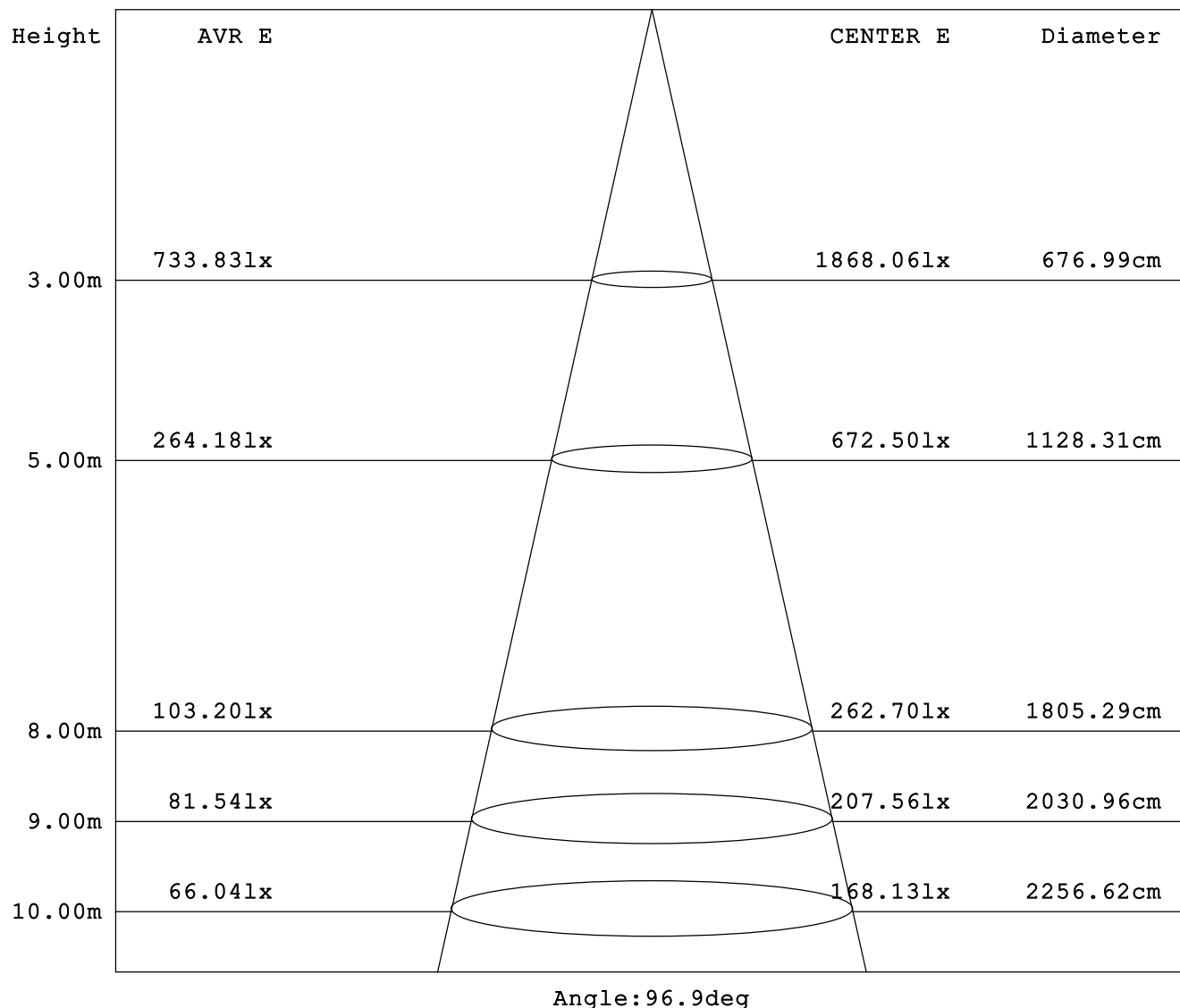
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、90deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1675	1674	1674	1672	1673	1675	1676	1674	0- 5	401.5	401.5
10.0	1649	1648	1648	1643	1644	1646	1649	1646	5- 10	1188	1589
15.0	1605	1604	1603	1596	1599	1601	1607	1601	10- 15	1927	3517
20.0	1543	1542	1539	1533	1532	1535	1539	1535	15- 20	2588	6105
25.0	1453	1460	1449	1447	1442	1448	1446	1448	20- 25	3132	9237
30.0	1345	1353	1340	1339	1330	1329	1323	1336	25- 30	3526	12763
35.0	1217	1230	1216	1210	1195	1186	1181	1203	30- 35	3743	16506
40.0	1084	1098	1090	1074	1057	1035	1031	1058	35- 40	3785	20291
45.0	952.6	963.8	960.0	937.9	919.5	891.2	888.9	915.1	40- 45	3689	23980
50.0	811.3	821.7	823.3	799.6	781.0	752.4	745.7	771.5	45- 50	3467	27447
55.0	657.3	671.4	668.1	650.6	627.6	605.2	597.9	623.7	50- 55	3105	30552
60.0	489.4	508.9	487.1	485.6	459.9	444.9	433.0	464.3	55- 60	2566	33119
65.0	191.7	354.7	175.1	308.3	159.4	290.5	164.4	304.7	60- 65	1785	34904
70.0	43.22	120.6	47.72	112.4	39.46	107.4	41.05	115.5	65- 70	748.8	35652
75.0	25.35	29.83	26.53	29.46	24.65	23.78	24.35	26.07	70- 75	249.4	35902
80.0	12.80	12.33	12.41	12.72	11.88	11.50	11.26	10.88	75- 80	100.3	36002
85.0	3.116	3.375	2.645	3.830	2.382	3.145	2.449	2.629	80- 85	38.67	36041
90.0	0.580	0.261	0.499	0.669	0.214	0.629	0.544	0.228	85- 90	7.325	36048
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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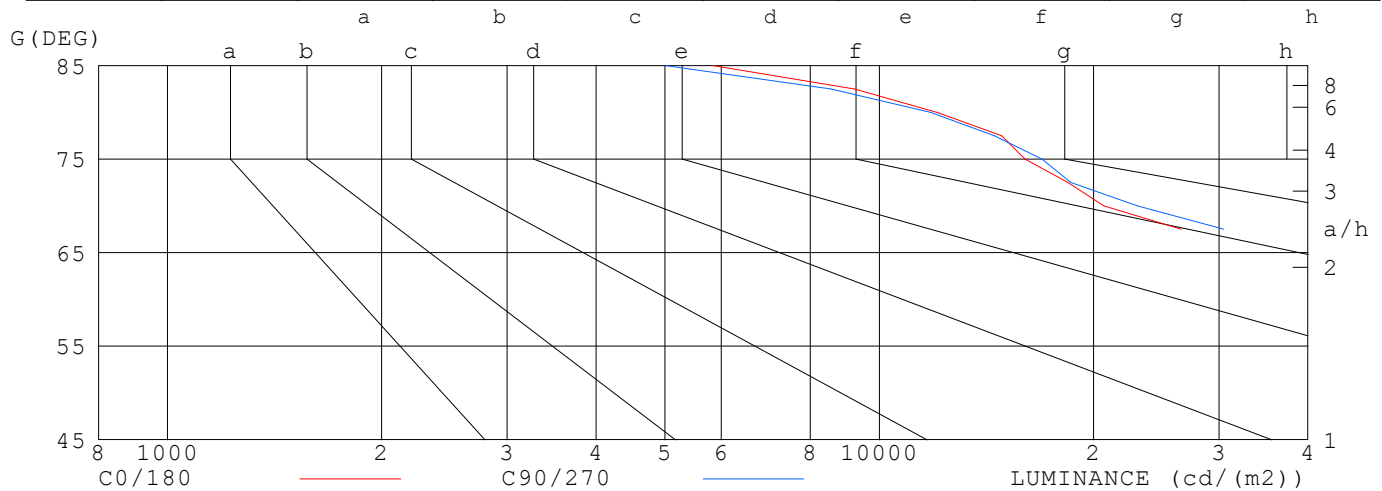
LUMINANCE LIMITATION CURVES

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	5846	5015
80	12052	11808
75	16018	16934
70	20664	23052
65	74174	68472
60	160053	160952
55	187374	192442
50	206370	211611
45	220271	224287

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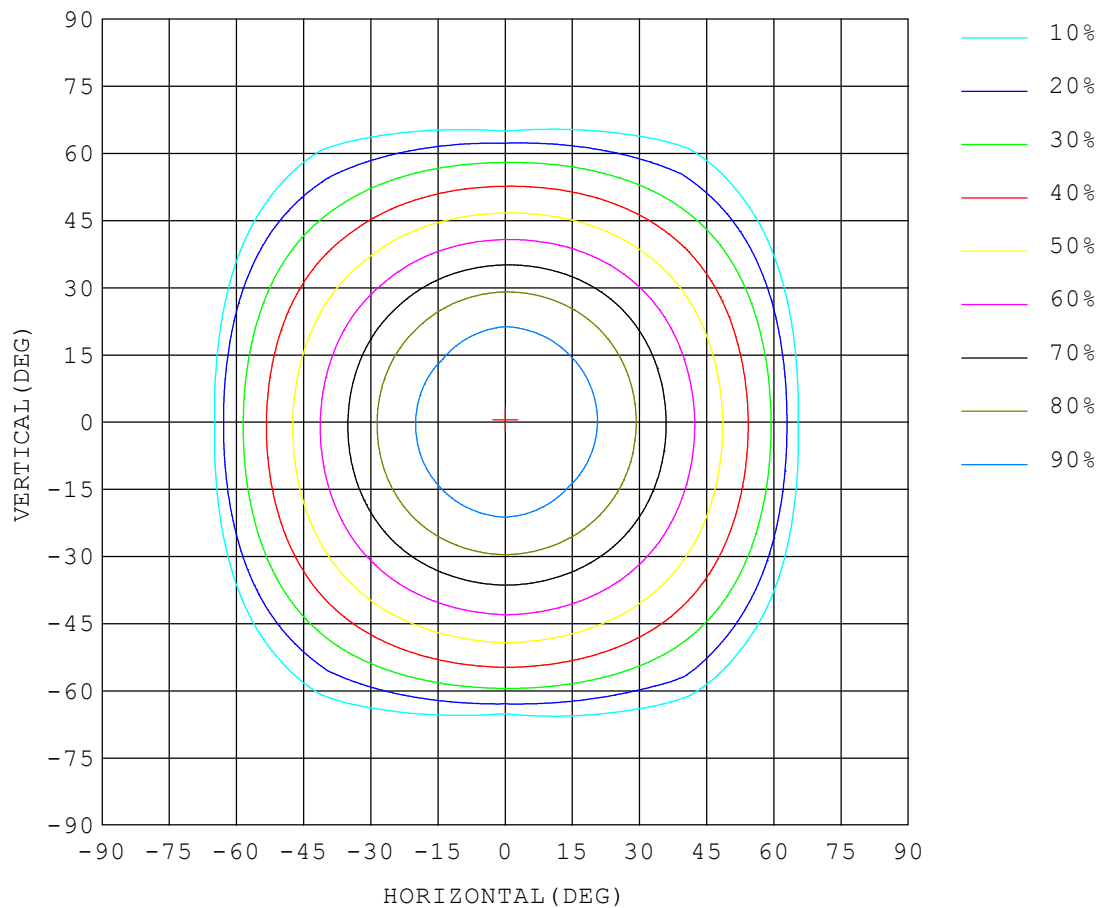
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ISOCANDELA DIAGRAM

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UNIT: cd



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