

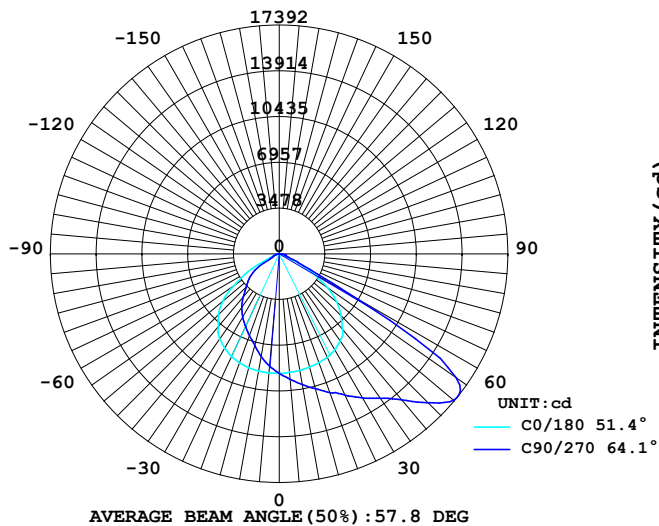
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

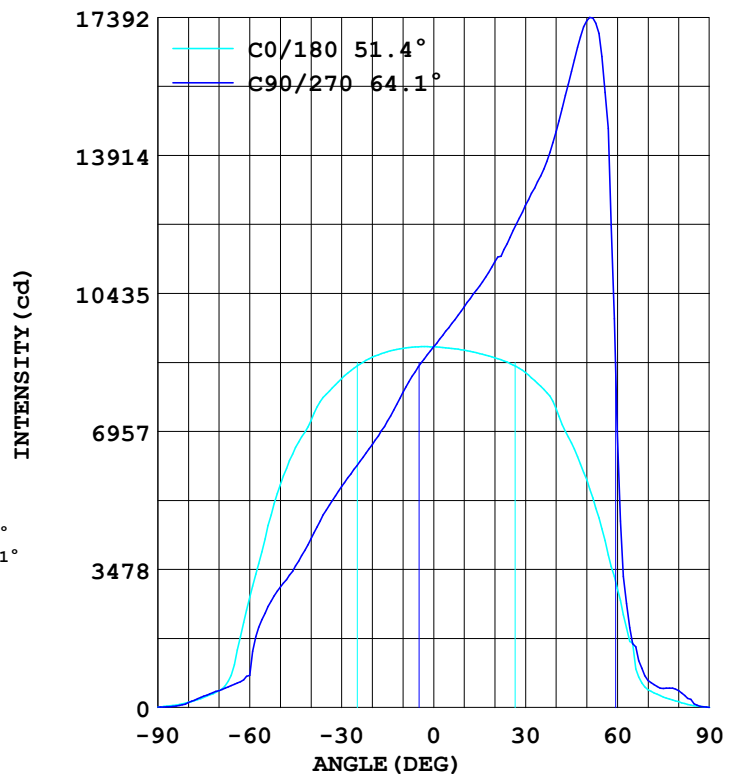
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N20040-P60	WEIGHT:
SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	17893	S/MH (C0/180)	1.35
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.93
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	27962	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	139.8	Current(A)	0.879
NOMINAL FLUX(lm)	27962.5	η up (%)	0.0	Power(W)	199.9
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	27962.4	EEI	0.107

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.21

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

Color Temperature Data List

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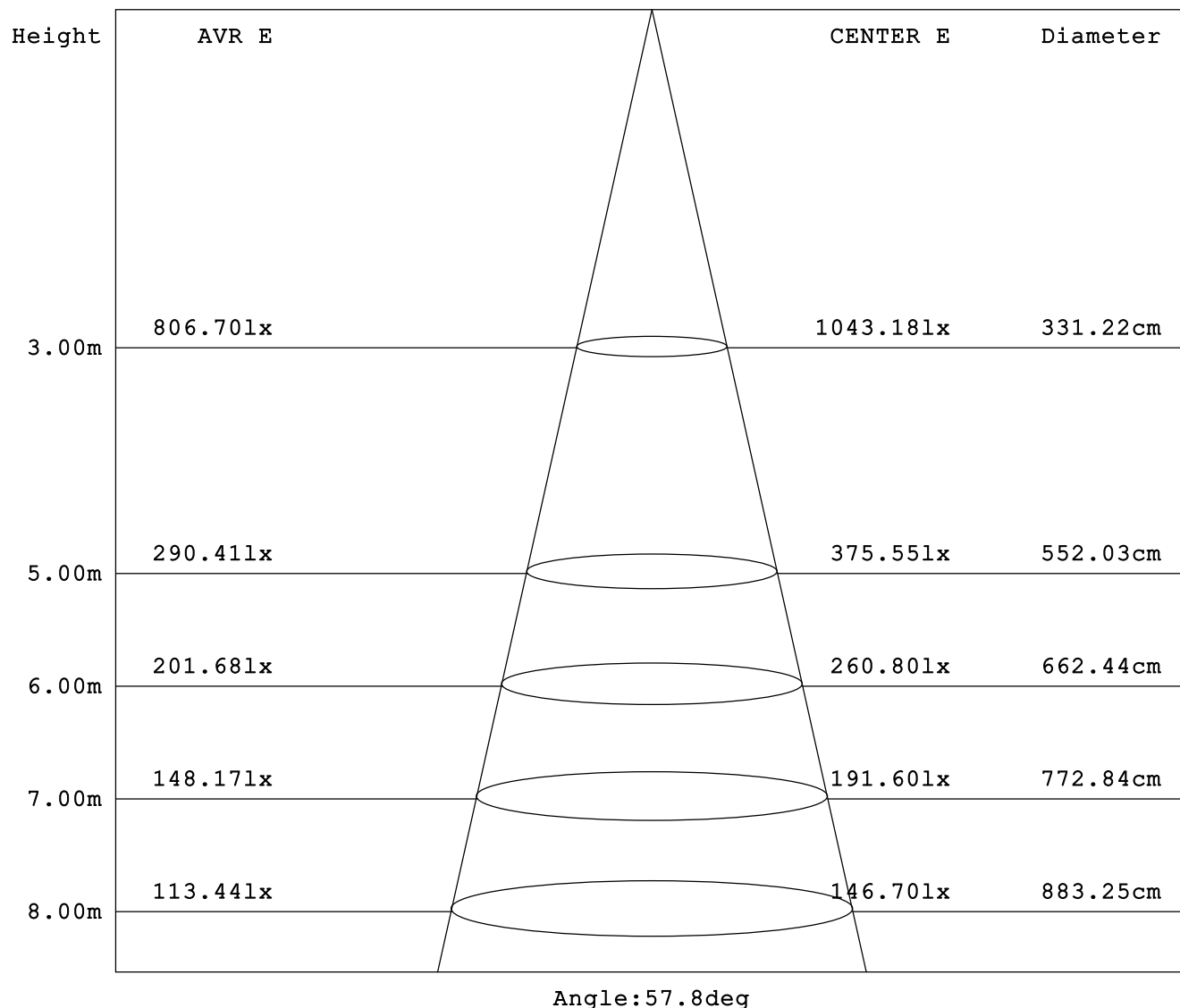
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AVERAGE AND CENTER E Figure

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SPECIFICATION:2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:



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Operators:
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ZONAL FLUX DIAGRAM

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SPECIFICATION: 2835LED、4000K、P60deg	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	908.9	872.8	857.7	870.8	905.8	941.4	957.3	943.3	0- 5	217.0	217.0
10.0	904.7	828.5	792.9	825.2	900.3	975.3	1010	979.0	5- 10	647.2	864.3
15.0	896.6	774.4	721.8	772.0	892.1	1013	1062	1018	10- 15	1065	1929
20.0	882.6	714.3	662.6	712.8	881.2	1053	1122	1059	15- 20	1466	3395
25.0	860.0	655.7	609.2	655.1	866.9	1099	1185	1104	20- 25	1853	5248
30.0	829.0	599.9	556.7	600.1	843.8	1147	1265	1155	25- 30	2222	7470
35.0	789.0	535.9	497.1	538.0	809.7	1195	1339	1206	30- 35	2562	10032
40.0	722.3	460.1	424.7	460.2	752.8	1235	1451	1254	35- 40	2851	12883
45.0	655.5	377.1	356.6	374.2	666.5	1253	1602	1279	40- 45	3072	15955
50.0	560.3	278.9	303.1	270.8	573.5	1214	1731	1256	45- 50	3232	19188
55.0	424.4	178.9	237.7	172.9	450.6	1061	1641	1107	50- 55	3235	22423
60.0	278.1	98.69	80.79	91.97	300.1	880.7	696.1	934.3	55- 60	2777	25201
65.0	108.0	56.21	58.23	53.70	162.6	591.5	160.9	661.8	60- 65	1670	26871
70.0	42.08	38.48	42.72	36.92	44.83	130.7	68.26	144.8	65- 70	681.3	27552
75.0	25.46	21.83	28.63	20.45	26.43	36.79	48.38	36.75	70- 75	219.9	27772
80.0	12.97	9.597	12.23	9.016	14.88	18.84	42.65	18.50	75- 80	120.5	27893
85.0	4.894	3.174	2.907	2.877	4.767	7.213	9.420	7.246	80- 85	55.00	27948
90.0	0.894	0.921	1.233	0.951	0.677	1.076	0.585	1.404	85- 90	14.86	27962
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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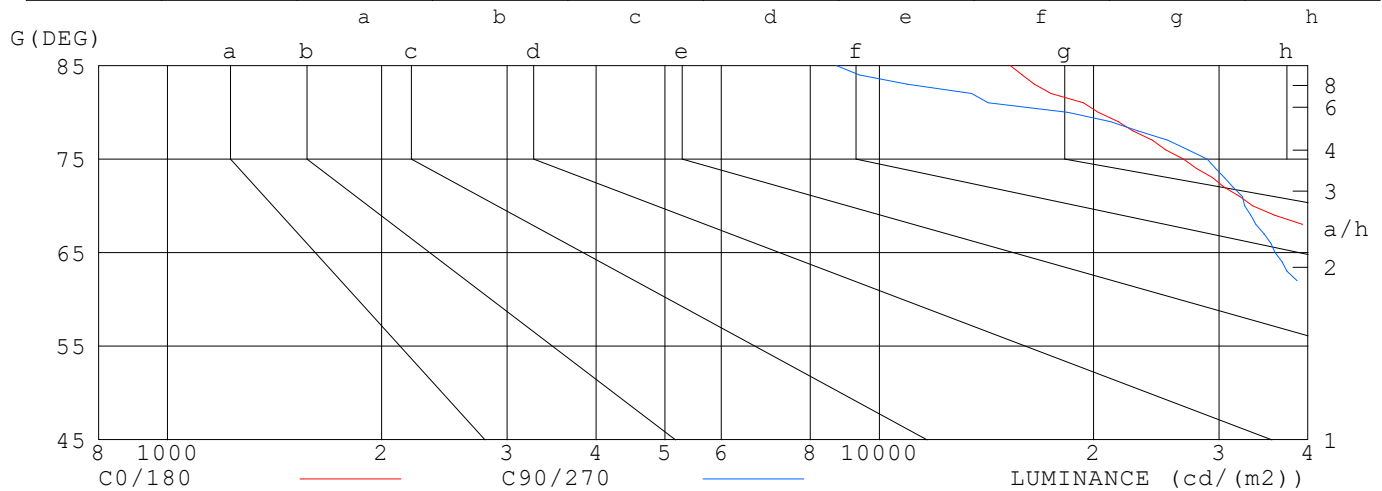
LUMINANCE LIMITATION CURVES

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	15271	8710
80	20316	18405
75	26753	28886
70	33461	32616
65	69529	35983
60	151241	42193
55	201213	108238
50	237038	123146
45	252102	131694

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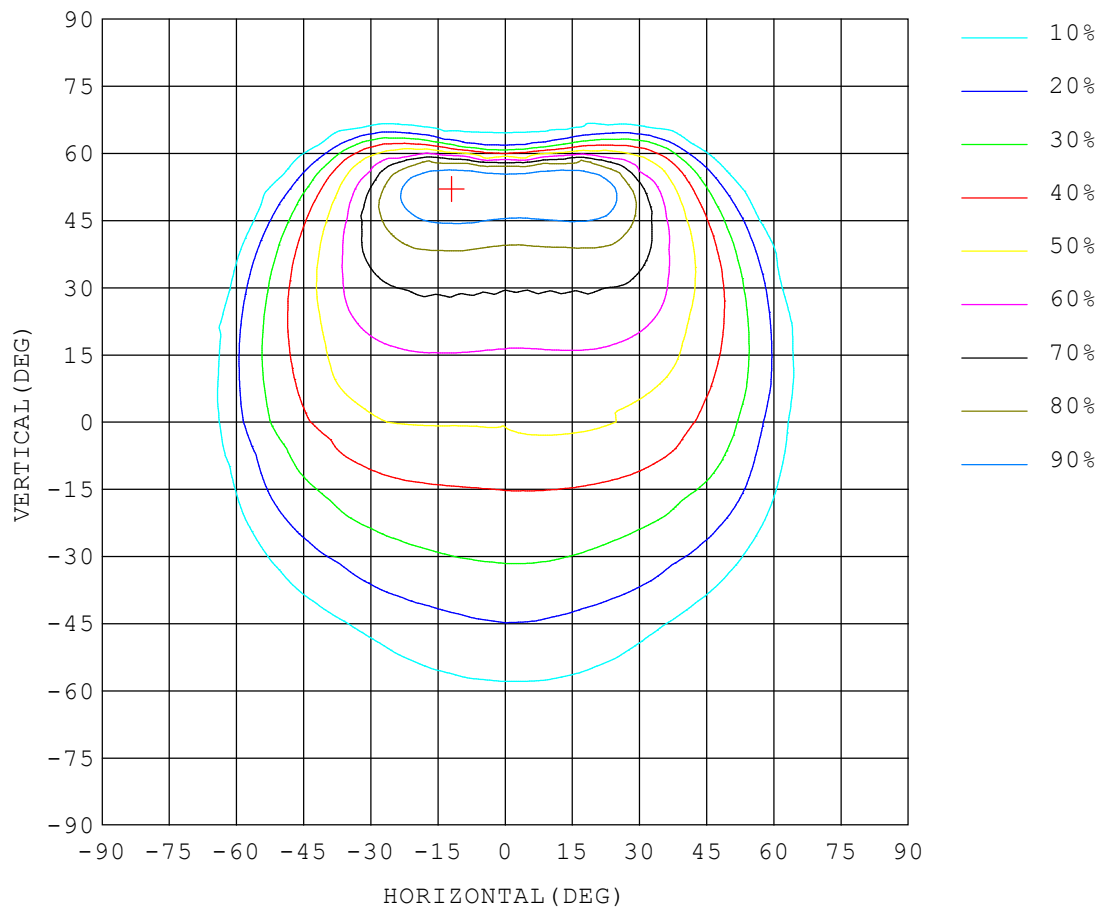
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ISOCANDELA DIAGRAM

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UNIT: cd



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