

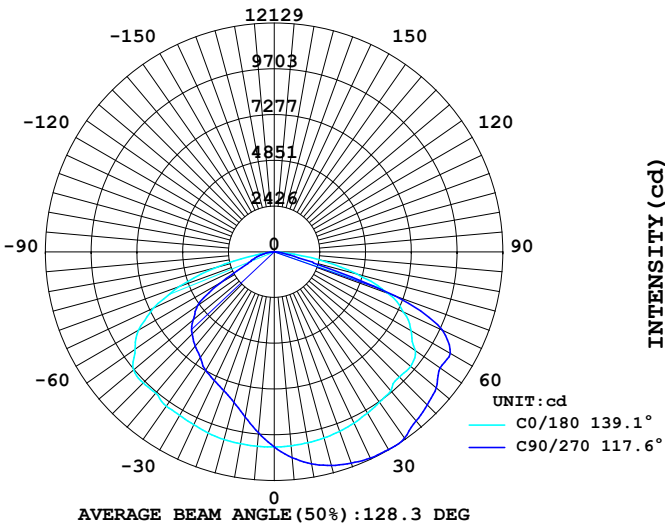
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

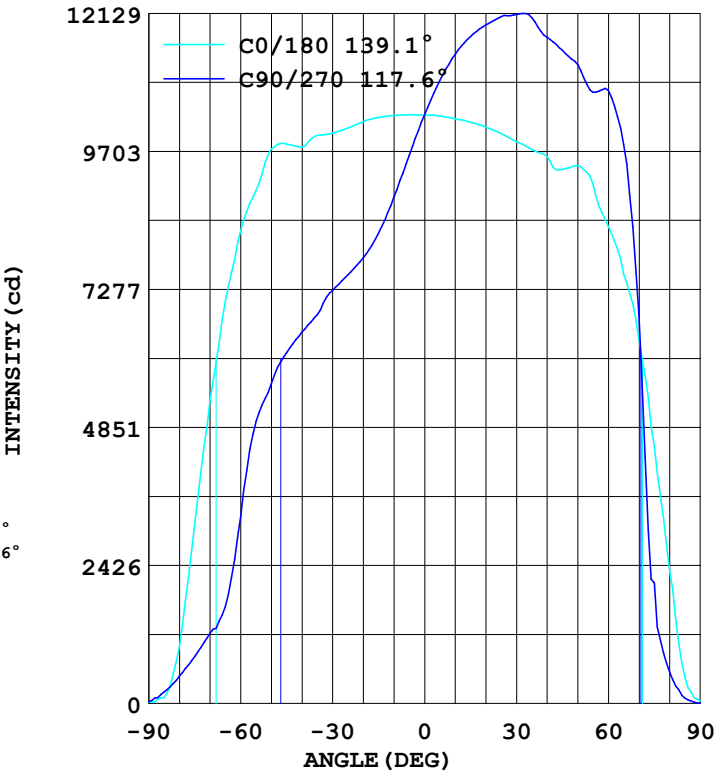
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N25040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	12129	S/MH (C0/180)	1.48
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.04
NOMINAL POWER(W)	250	TOTAL FLUX(lm)	38678	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	154.8	Current(A)	1.099
NOMINAL FLUX(lm)	38678.0	η up (%)	0.0	Power(W)	249.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	38678.1	EEL	0.097

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2024.11.22

Test Set: 5.0 deg/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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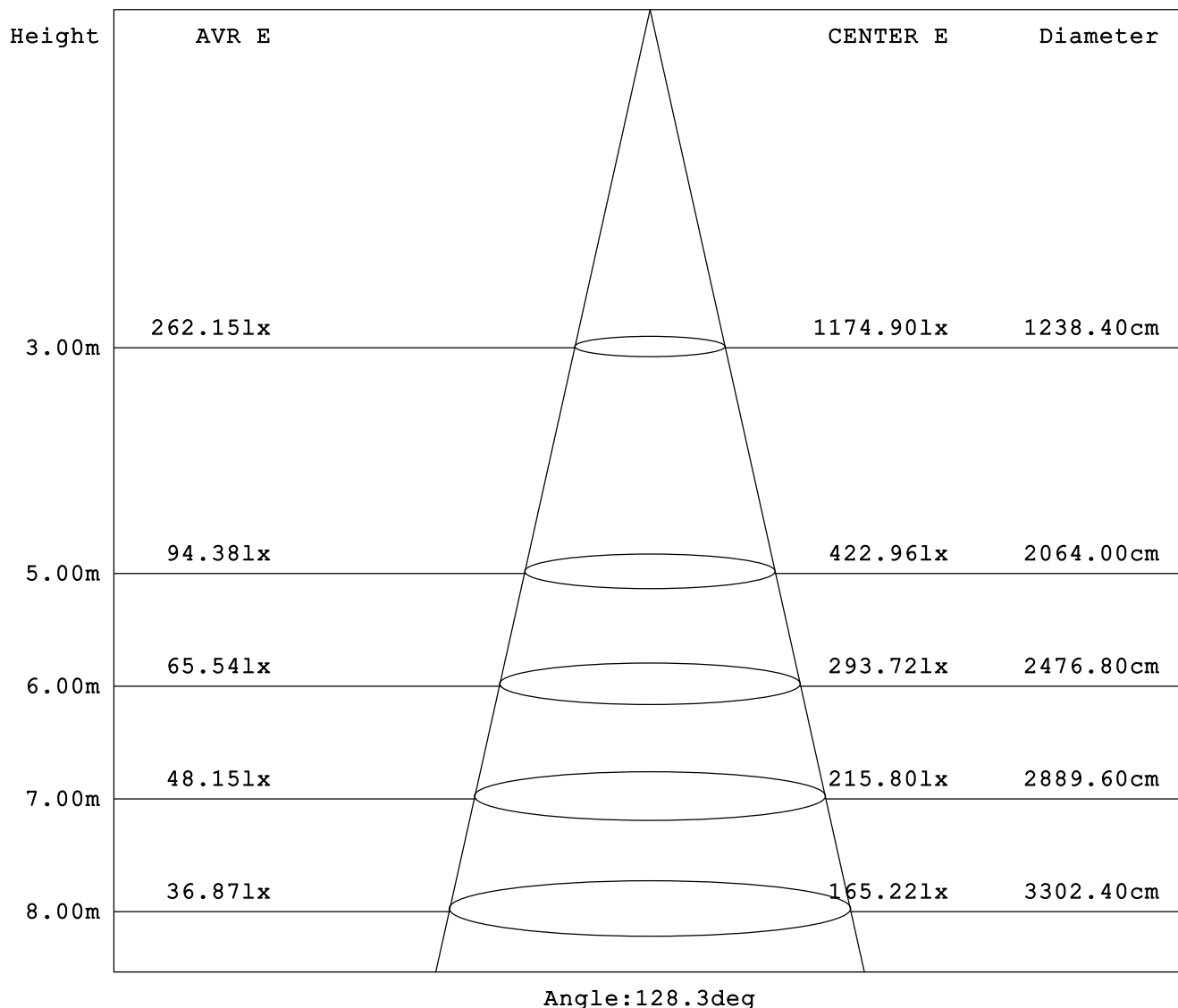
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## AVERAGE AND CENTER E Figure

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## ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1035	1073	962.6	985.1	1032	989.4	1095	1077	0- 5	246.9	246.9
10.0	1033	1104	889.8	931.9	1028	943.4	1141	1113	5- 10	734.4	981.3
15.0	1030	1127	826.2	880.2	1022	900.2	1172	1137	10- 15	1206	2188
20.0	1023	1140	783.5	839.4	1013	865.7	1193	1151	15- 20	1657	3844
25.0	1011	1141	753.3	804.6	1002	832.9	1207	1155	20- 25	2083	5928
30.0	1002	1136	726.0	769.3	987.4	797.3	1211	1154	25- 30	2480	8408
35.0	998.2	1128	683.3	733.6	973.2	759.6	1205	1153	30- 35	2840	11248
40.0	977.6	1126	652.7	693.5	961.4	715.8	1171	1164	35- 40	3146	14394
45.0	983.2	1145	616.3	636.0	938.6	655.8	1148	1175	40- 45	3399	17794
50.0	973.8	1153	561.3	574.2	945.1	580.0	1122	1160	45- 50	3627	21420
55.0	902.3	1053	495.7	505.0	913.2	511.6	1074	1069	50- 55	3714	25135
60.0	831.0	970.6	329.3	427.3	838.5	427.3	1077	1017	55- 60	3607	28741
65.0	707.6	925.7	170.5	336.5	754.9	328.8	982.7	976.7	60- 65	3388	32130
70.0	532.6	932.5	123.3	239.5	639.8	223.6	681.4	987.3	65- 70	2982	35112
75.0	314.9	797.8	82.67	107.6	451.6	81.28	211.5	706.1	70- 75	2170	37282
80.0	98.97	298.8	47.99	48.60	231.8	40.63	55.08	197.1	75- 80	1049	38331
85.0	10.13	40.87	20.13	19.37	45.10	16.03	9.394	23.34	80- 85	298.0	38629
90.0	2.451	1.058	2.819	2.710	4.758	2.857	0.802	1.910	85- 90	48.95	38678
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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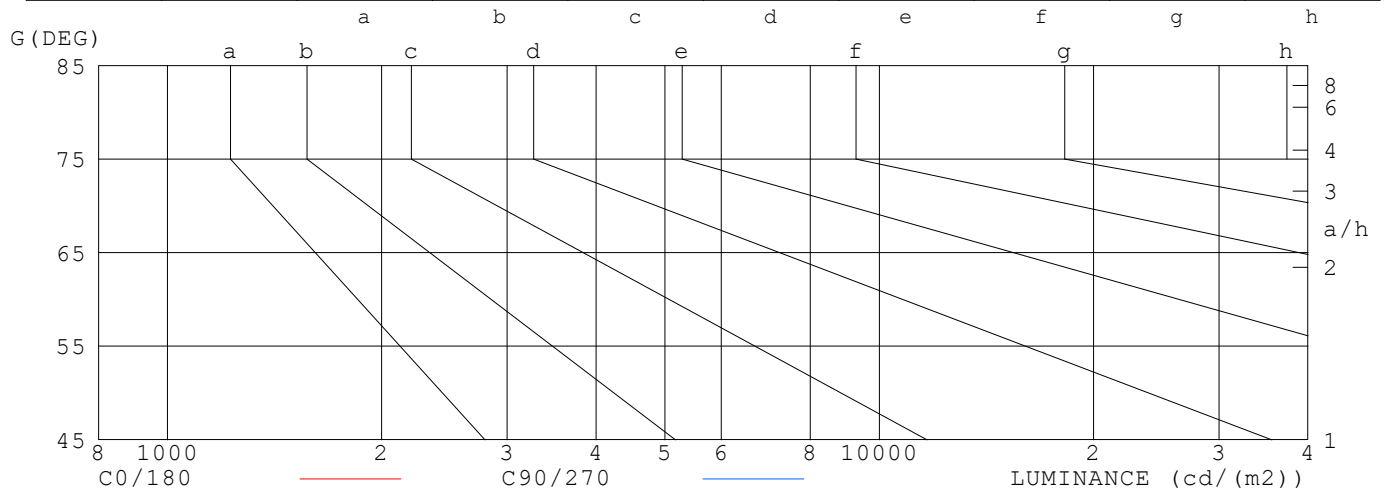
## LUMINANCE LIMITATION CURVES

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	31278	60383
80	153375	72232
75	327485	83490
70	419061	94270
65	450565	105479
60	447232	172137
55	423316	225904
50	407667	228251
45	374170	227819

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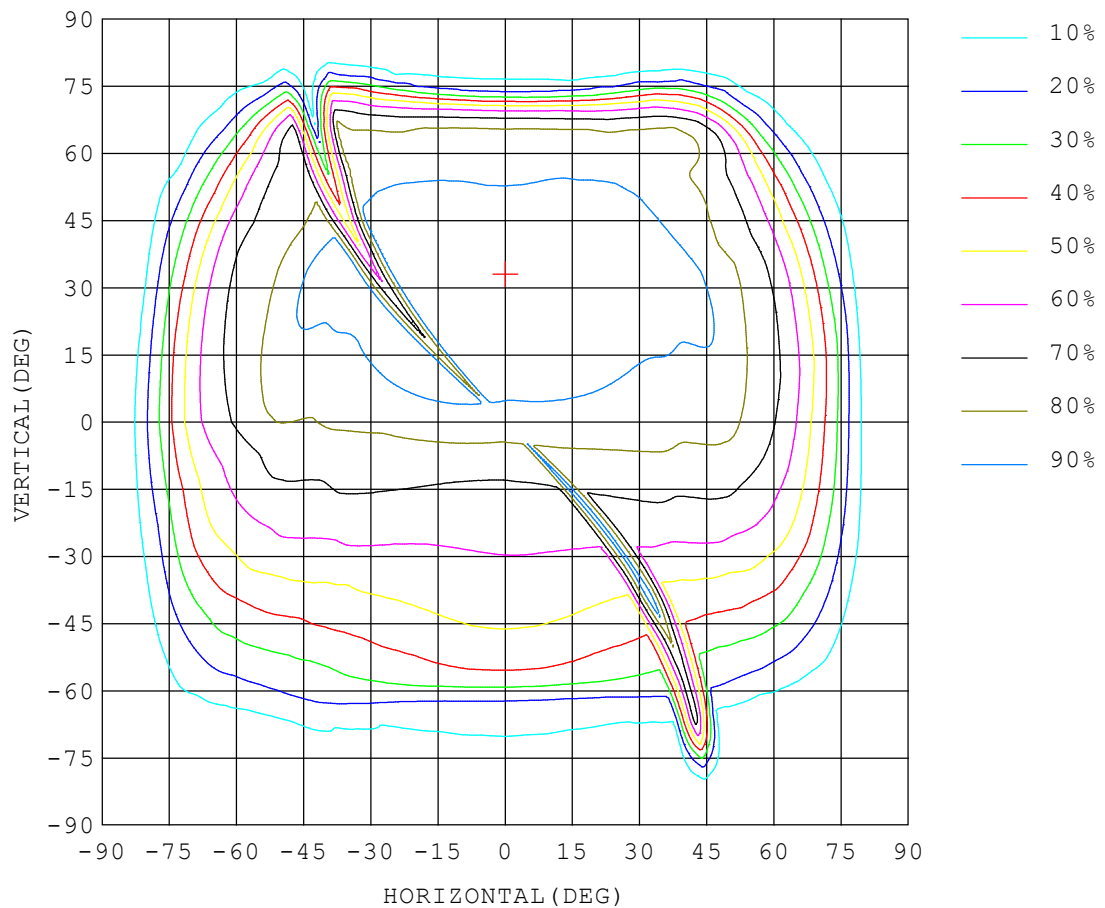
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UNIT: cd



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