

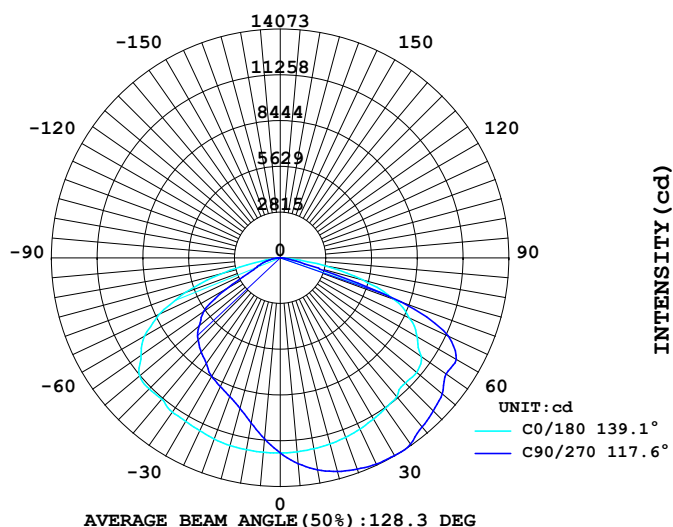
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

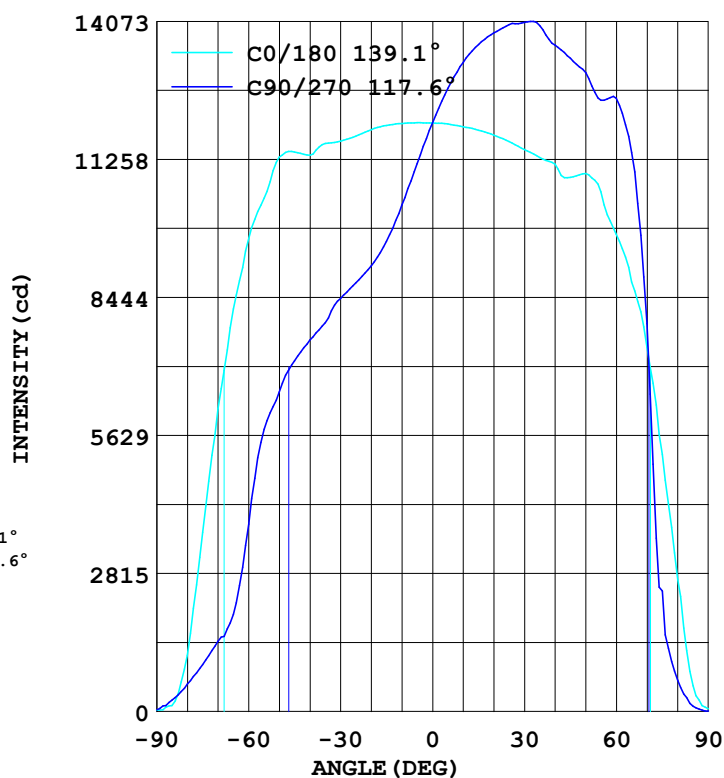
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N30040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	14073	S/MH (C0/180)	1.48
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.04
NOMINAL POWER(W)	300	TOTAL FLUX(lm)	44878	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	149.6	Current(A)	1.319
NOMINAL FLUX(lm)	44878.0	η up (%)	0.0	Power(W)	299.8
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	44878.1	EEI	0.100

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:

Color Temperature Data List

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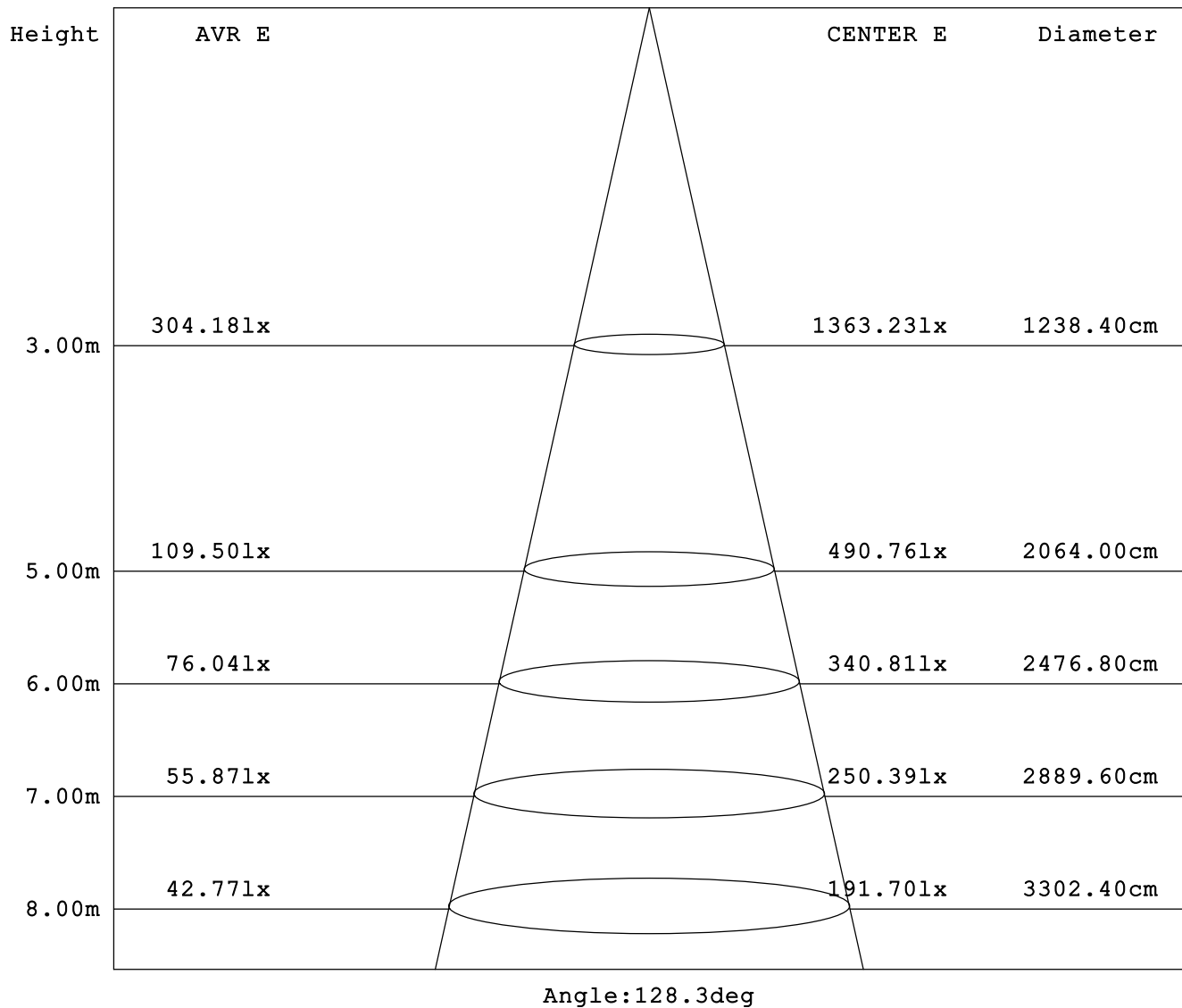
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Operators:
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

Report number:

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NAME: Klose	TYPE: IL-FL19-N30040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1200	1246	1117	1143	1198	1148	1270	1250	0- 5	286.4	286.4
10.0	1199	1281	1033	1081	1192	1095	1324	1291	5- 10	852.2	1139
15.0	1195	1308	958.6	1021	1185	1045	1360	1320	10- 15	1400	2538
20.0	1187	1322	909.2	974.0	1175	1005	1384	1336	15- 20	1922	4461
25.0	1173	1324	874.1	933.6	1162	966.4	1400	1340	20- 25	2417	6878
30.0	1163	1318	842.4	892.6	1146	925.1	1405	1339	25- 30	2878	9756
35.0	1158	1309	792.8	851.1	1129	881.4	1398	1337	30- 35	3295	13052
40.0	1134	1307	757.3	804.6	1116	830.5	1359	1350	35- 40	3650	16702
45.0	1141	1329	715.1	738.0	1089	760.9	1332	1363	40- 45	3944	20646
50.0	1130	1338	651.3	666.2	1097	673.0	1302	1346	45- 50	4208	24854
55.0	1047	1222	575.2	586.0	1060	593.6	1246	1240	50- 55	4310	29164
60.0	964.2	1126	382.0	495.8	972.9	495.8	1250	1179	55- 60	4185	33349
65.0	821.0	1074	197.9	390.5	875.9	381.5	1140	1133	60- 65	3931	37280
70.0	618.0	1082	143.1	277.9	742.3	259.5	790.7	1146	65- 70	3460	40740
75.0	365.4	925.7	95.93	124.9	524.0	94.31	245.4	819.3	70- 75	2518	43258
80.0	114.8	346.7	55.68	56.39	269.0	47.14	63.91	228.7	75- 80	1218	44475
85.0	11.75	47.42	23.36	22.47	52.33	18.60	10.90	27.08	80- 85	345.7	44821
90.0	2.844	1.227	3.271	3.145	5.521	3.315	0.931	2.217	85- 90	56.79	44878
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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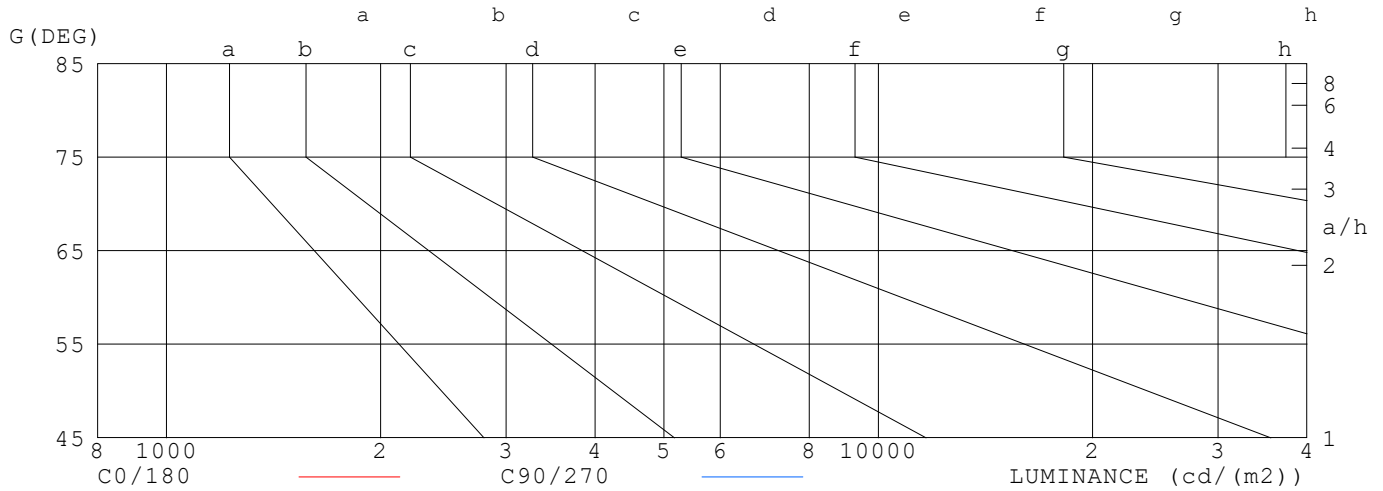
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N30040-TY4	WEIGHT:
SPECIFICATION: 2835LED、4000K、type4	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	36291	70062
80	177961	83811
75	379981	96873
70	486236	109381
65	522790	122387
60	518922	199730
55	491173	262116
50	473015	264840
45	434148	264338

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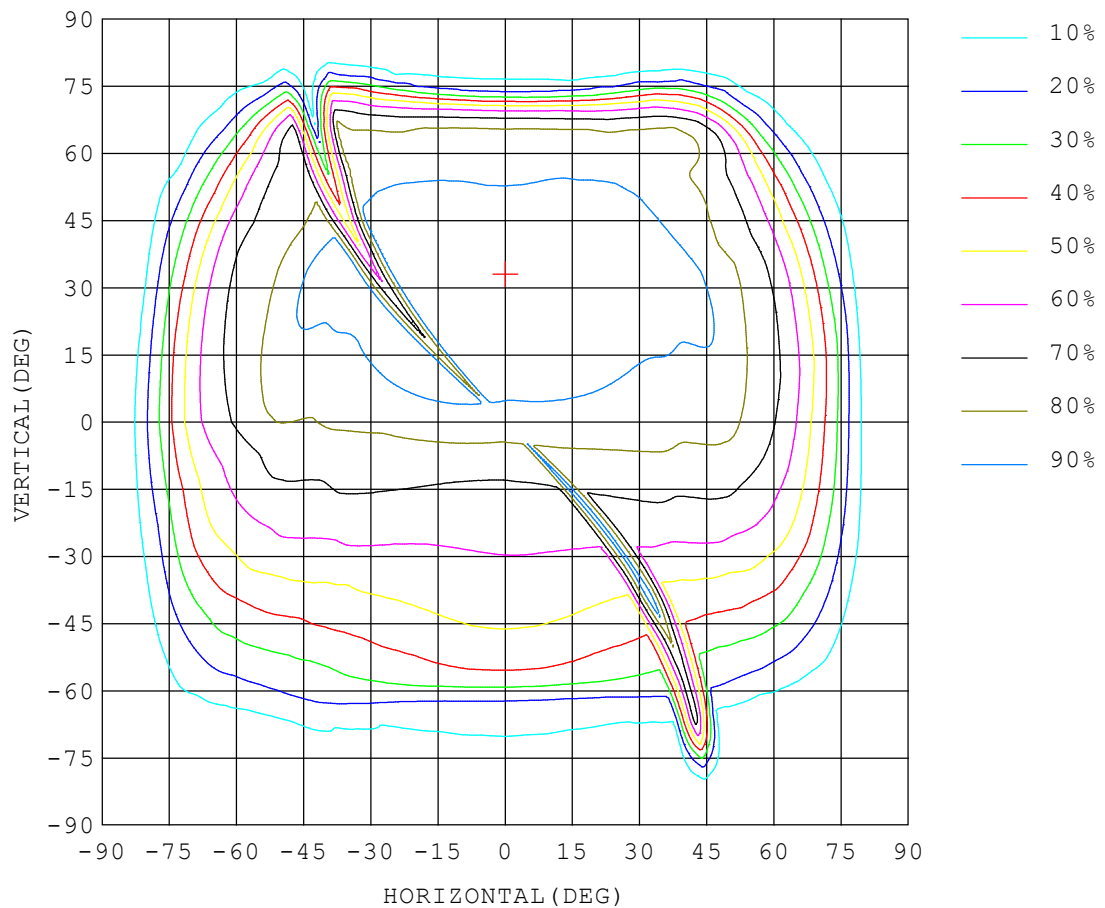
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ISOCANDELA DIAGRAM

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UNIT: cd



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