

LUMINAIRE PHOTOMETRIC TEST REPORT

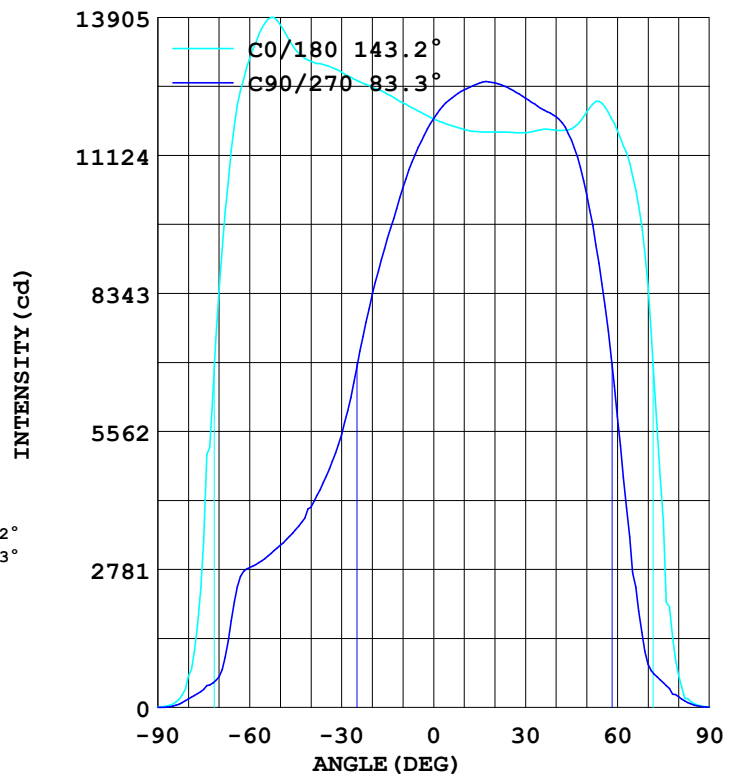
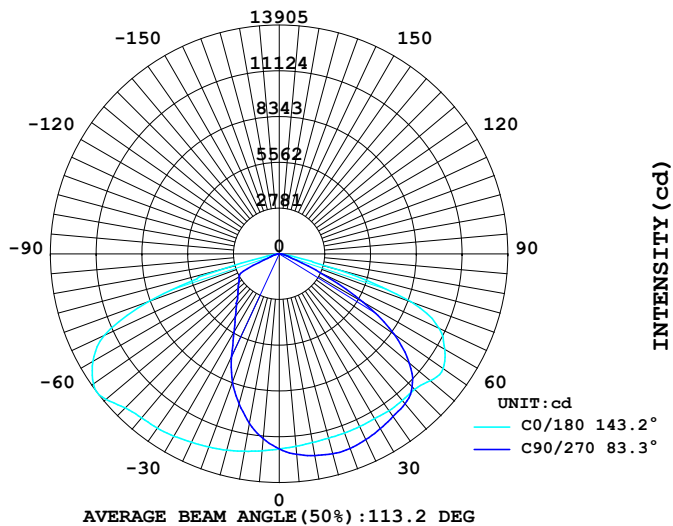
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N25040-TY3	WEIGHT:
SPECIFICATION: 80X150deg、4000K、2835LED	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	14584	S/MH (C0/180)	1.66
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.84
NOMINAL POWER(W)	250	TOTAL FLUX(lm)	38646	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	154.6	Current(A)	1.099
NOMINAL FLUX(lm)	38646.4	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)	38646.3	EEL	0.097

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 6.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

Color Temperature Data List

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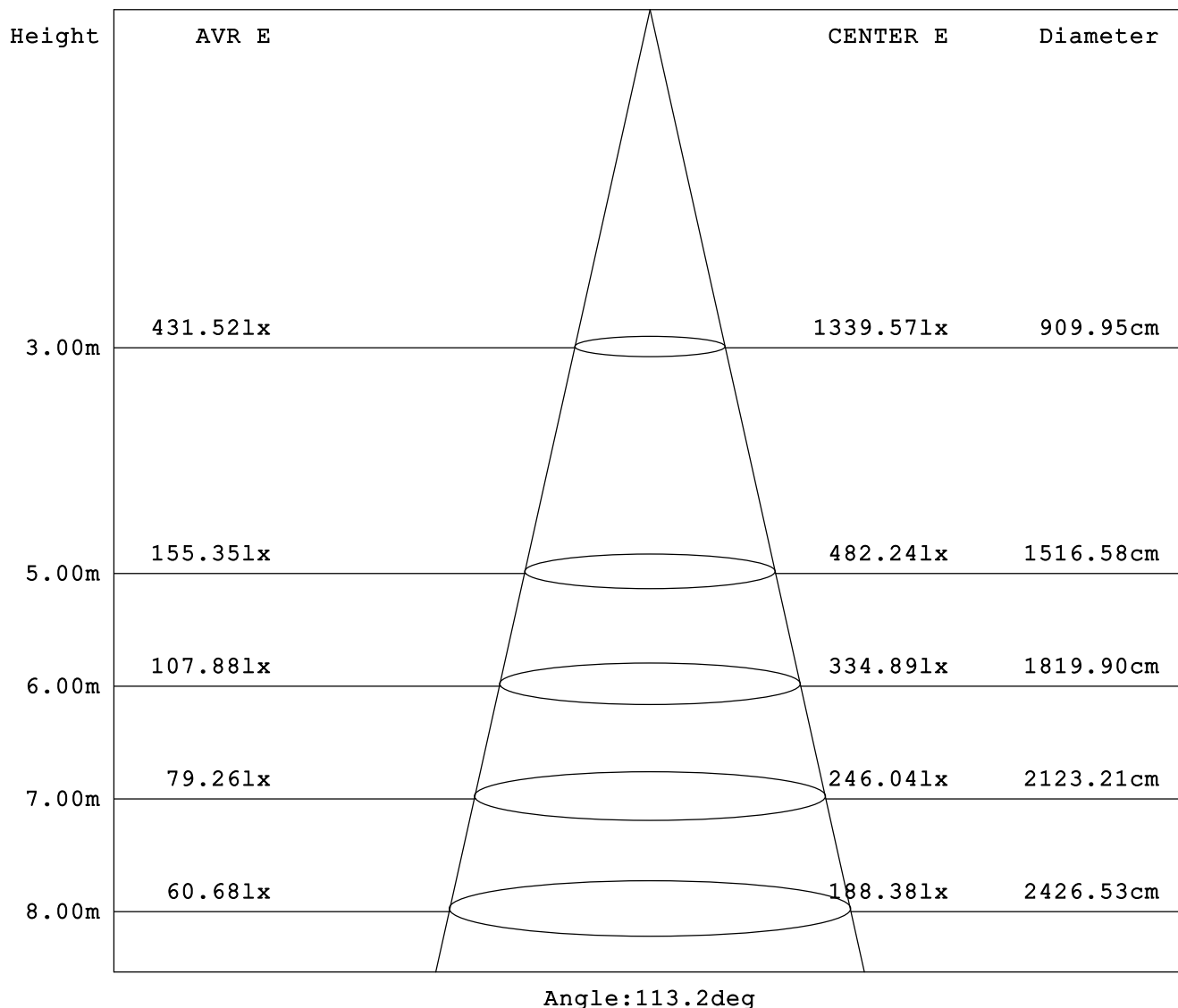
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Temperature: 25.3DEG
Operators:
Test Date: 2024.11.21

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 80X150deg、4000K、2835LED	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1202	1158	1128	1138	1174	1205	1223	1226	0- 5	283.0	283.0
10.0	1218	1123	1047	1084	1164	1216	1244	1256	5- 10	841.1	1124
15.0	1236	1076	945.3	1016	1160	1223	1258	1279	10- 15	1375	2499
20.0	1250	1020	832.6	949.6	1160	1226	1258	1298	15- 20	1874	4373
25.0	1263	949.9	686.4	872.1	1159	1227	1246	1309	20- 25	2322	6695
30.0	1280	871.8	549.6	785.1	1158	1221	1228	1311	25- 30	2705	9401
35.0	1294	777.7	465.8	678.9	1164	1211	1207	1307	30- 35	3028	12429
40.0	1302	649.8	403.1	548.2	1163	1200	1190	1301	35- 40	3307	15736
45.0	1325	512.4	357.9	431.5	1166	1187	1143	1292	40- 45	3540	19276
50.0	1376	403.3	326.7	356.0	1200	1169	1032	1274	45- 50	3728	23004
55.0	1379	322.6	300.5	301.8	1217	1140	853.7	1233	50- 55	3837	26841
60.0	1308	279.7	281.9	256.1	1162	1051	587.2	1138	55- 60	3725	30566
65.0	1173	232.3	212.9	218.1	1071	855.9	271.1	938.8	60- 65	3330	33896
70.0	839.4	160.7	61.53	157.2	851.5	514.9	87.26	575.0	65- 70	2591	36487
75.0	335.9	58.09	36.74	54.03	376.4	126.6	50.08	142.3	70- 75	1522	38009
80.0	62.58	18.96	17.15	17.75	63.69	28.90	21.71	30.75	75- 80	524.0	38533
85.0	6.881	5.370	2.785	4.739	7.995	7.348	5.057	7.726	80- 85	98.38	38631
90.0	1.042	1.052	0.348	1.051	1.096	0.454	0.788	0.387	85- 90	14.93	38646
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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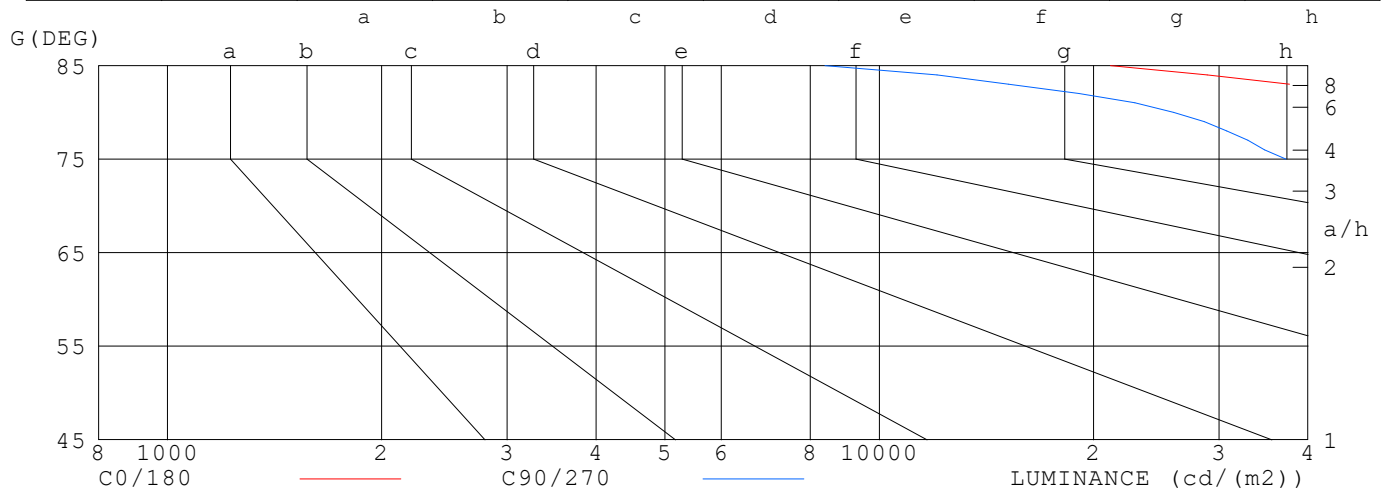
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N25040-TY3	WEIGHT:
SPECIFICATION: 80X150deg、4000K、2835LED	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	21126	8384
80	96428	25913
75	347310	37242
70	656691	47201
65	742570	132172
60	699924	147917
55	643431	137450
50	572775	133346
45	501386	132822

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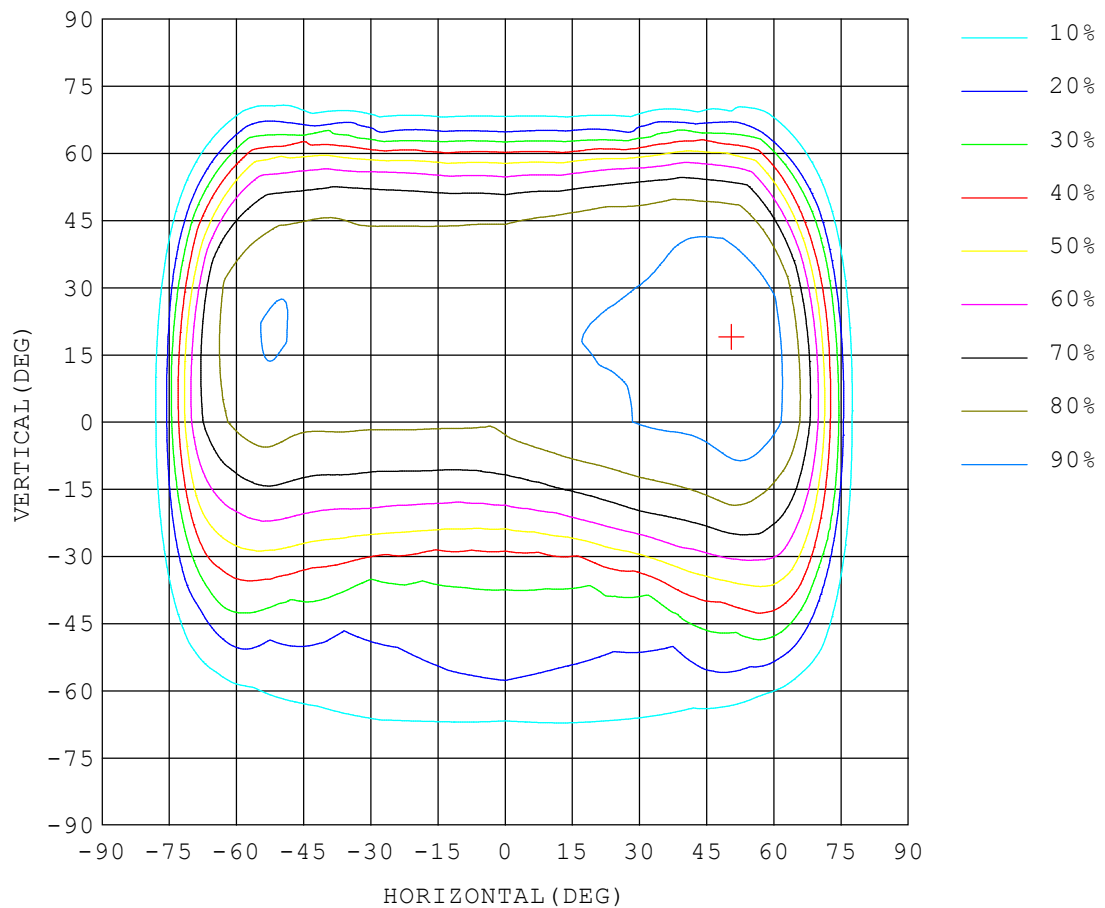
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ISOCANDELA DIAGRAM

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UNIT: cd



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