

LUMINAIRE PHOTOMETRIC TEST REPORT

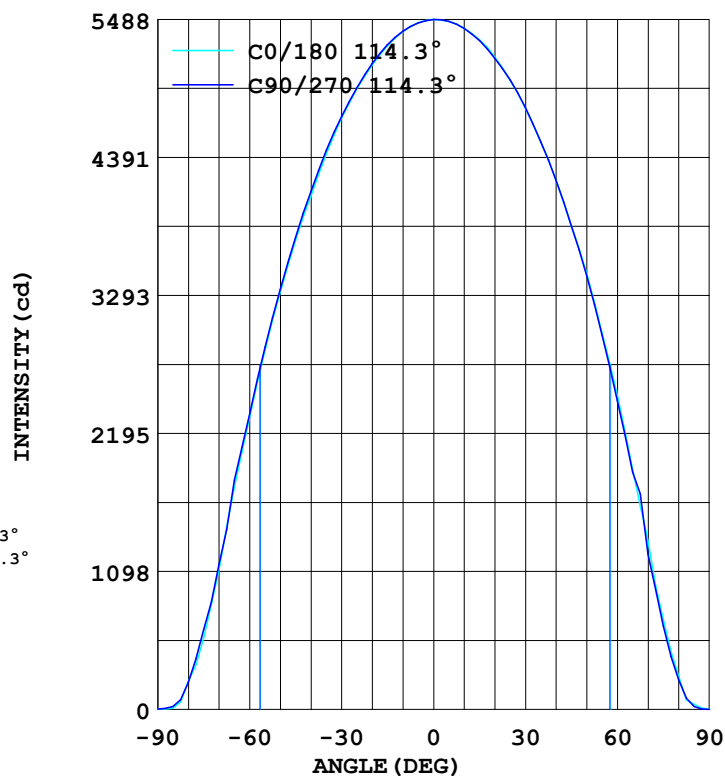
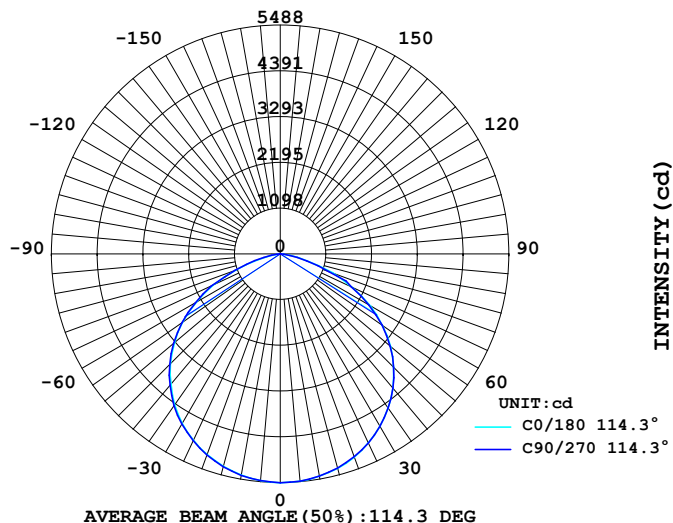
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N9040-110	WEIGHT:
SPECIFICATION: 2835LED、4000K、110deg	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	5488	S/MH (C0/180)	1.27
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.28
NOMINAL POWER(W)	90	TOTAL FLUX(lm)	15264	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	169.6	Current(A)	0.396
NOMINAL FLUX(lm)	15264.4	η up (%)	0.0	Power(W)	89.98
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	15264.4	EEL	0.088

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024.11.19

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

Color Temperature Data List

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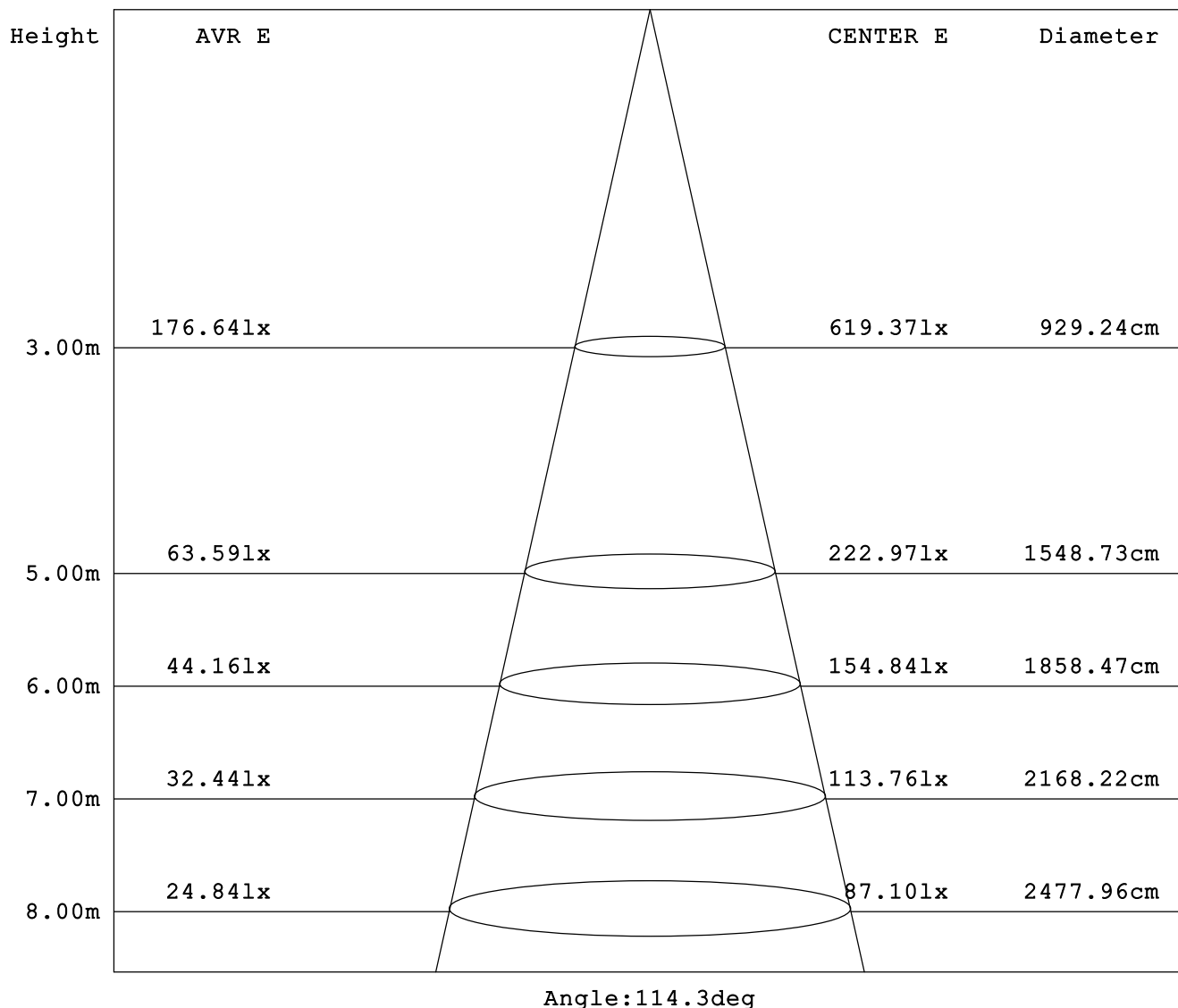
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	5462	5458	5460	5468	5473	5473	5471	5467	0- 5	130.9	130.9
10.0	5391	5391	5394	5412	5416	5423	5415	5403	5- 10	388.9	519.9
15.0	5278	5279	5286	5310	5325	5330	5318	5297	10- 15	635.2	1155
20.0	5127	5127	5139	5172	5189	5193	5179	5144	15- 20	862.1	2017
25.0	4936	4927	4944	4984	5003	5019	5008	4959	20- 25	1063	3080
30.0	4705	4690	4716	4753	4782	4803	4786	4735	25- 30	1230	4310
35.0	4418	4411	4446	4487	4513	4536	4514	4455	30- 35	1358	5668
40.0	4082	4082	4117	4169	4207	4231	4207	4140	35- 40	1440	7107
45.0	3730	3715	3754	3813	3843	3870	3844	3772	40- 45	1472	8580
50.0	3316	3300	3338	3394	3463	3479	3446	3375	45- 50	1452	10031
55.0	2861	2844	2882	2948	2998	3028	2982	2908	50- 55	1375	11406
60.0	2327	2321	2354	2438	2502	2529	2458	2411	55- 60	1237	12643
65.0	1770	1779	1824	1899	1908	1964	1887	1843	60- 65	1042	13685
70.0	1113	1131	1156	1201	1344	1356	1235	1181	65- 70	786.8	14471
75.0	569.0	605.9	635.8	700.9	713.0	756.6	662.4	661.5	70- 75	491.1	14963
80.0	224.8	200.6	214.1	242.5	263.1	283.9	234.6	228.2	75- 80	234.6	15197
85.0	11.74	19.77	24.44	35.24	41.76	49.01	23.80	26.85	80- 85	60.47	15258
90.0	3.057	3.302	4.038	3.281	4.100	3.302	1.558	2.853	85- 90	6.754	15264
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:cd									UNIT:lm	

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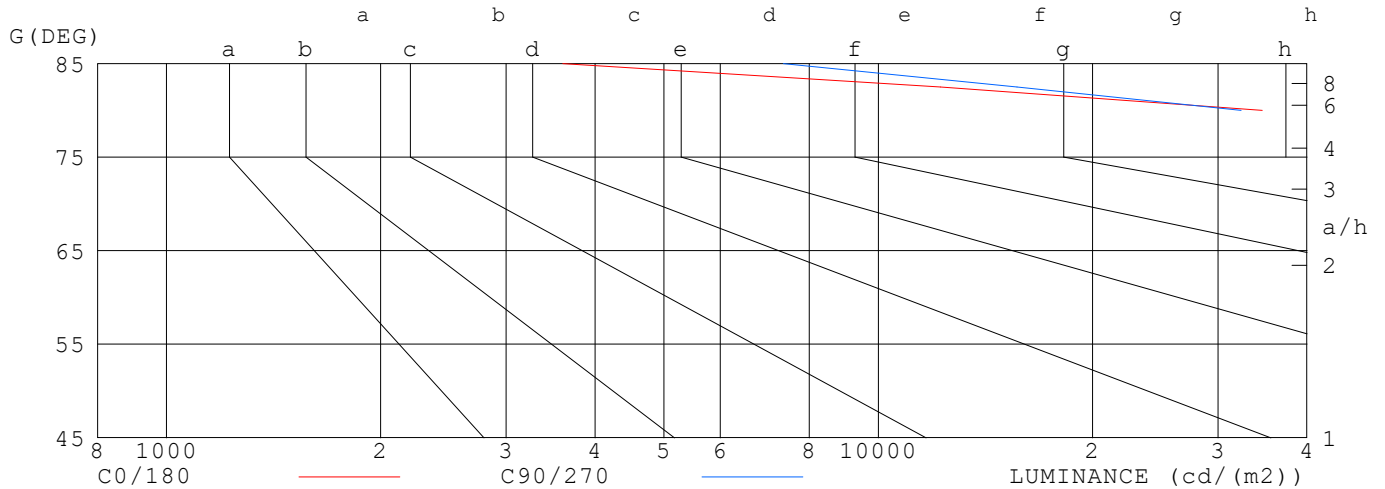
LUMINANCE LIMITATION CURVES

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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	3602	7353
80	34616	32327
75	58765	64414
70	86974	88587
65	111967	113180
60	124404	123434
55	133311	131760
50	137868	136163
45	141008	139195

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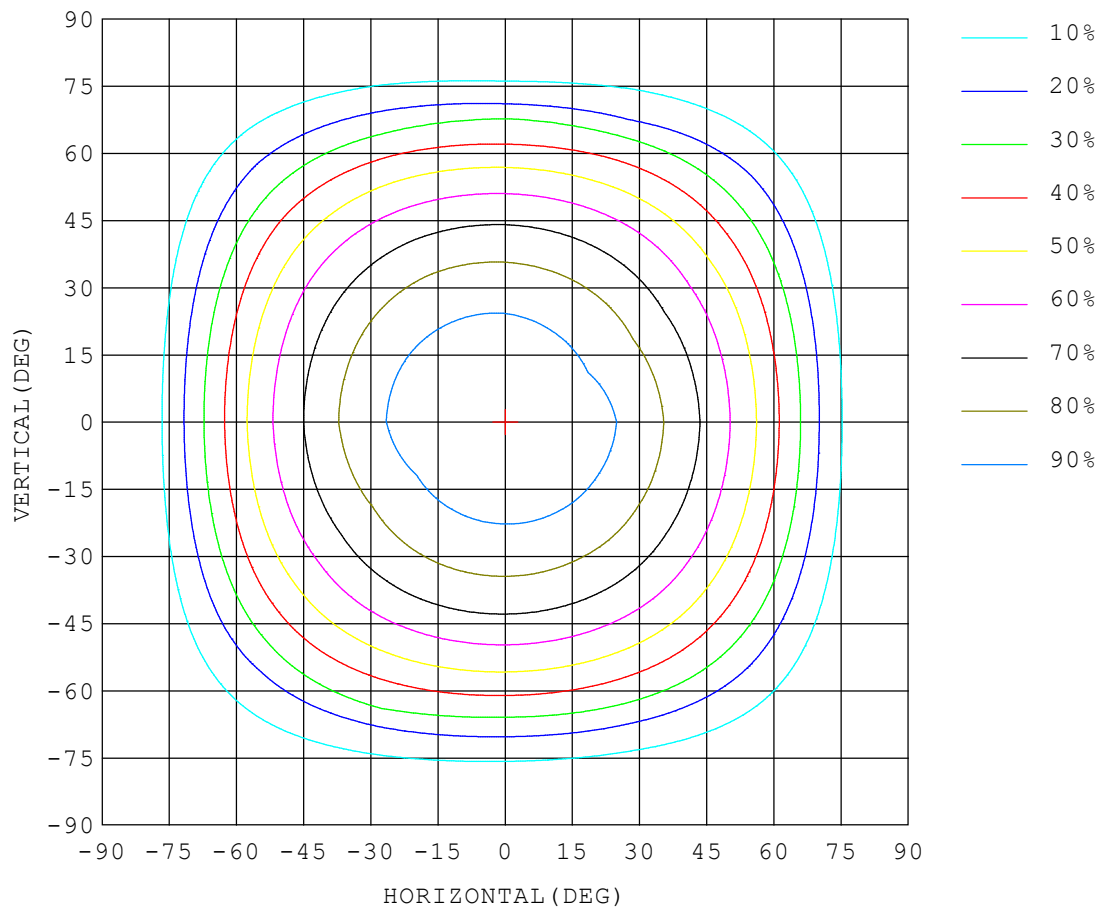
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ISOCANDELA DIAGRAM

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UNIT: cd



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