

# LUMINAIRE PHOTOMETRIC TEST REPORT

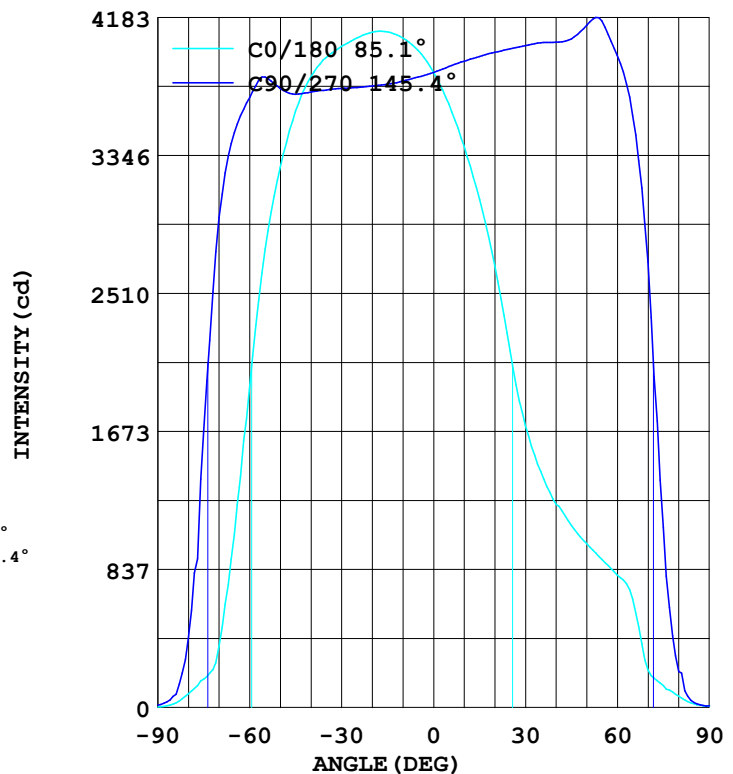
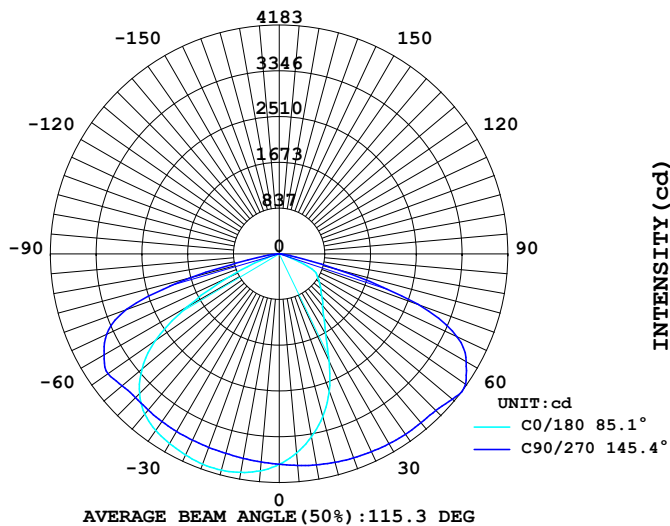
Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Klose	TYPE: IL-FL19-N8040-TY2	WEIGHT:
SPECIFICATION: 2835LED、4000K、type2	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	4443	S/MH (C0/180)	1.55
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.50
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	12426	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	154.9	Current(A)	0.353
NOMINAL FLUX(lm)	12426.2	$\eta$ up (%)	0.0	Power(W)	80.19
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	12426.2	EEI	0.097

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2024.11.18

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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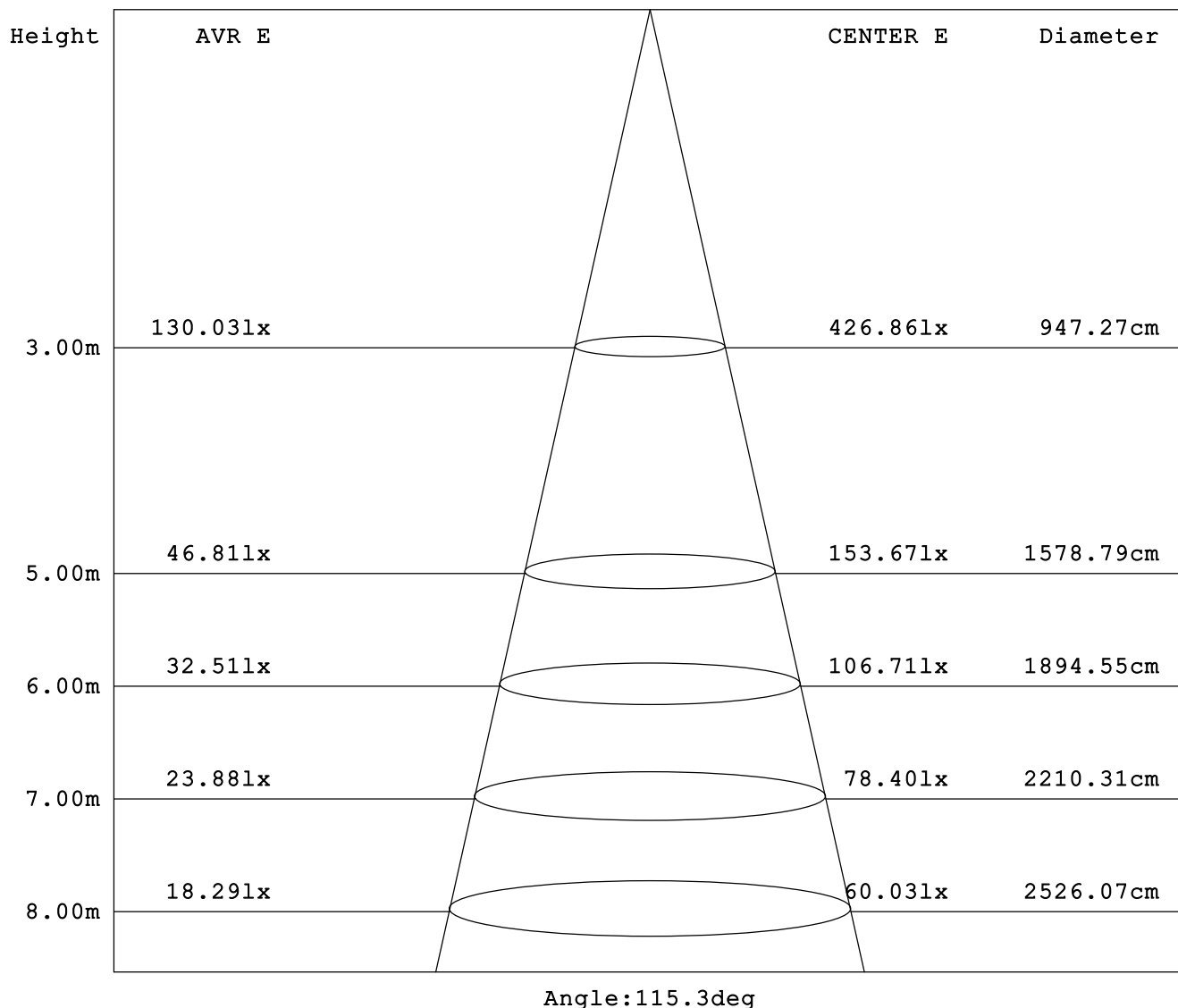
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## AVERAGE AND CENTER E Figure

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## ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	3982	3923	3821	3694	3658	3748	3884	3979	0- 5	91.86	91.86
10.0	4057	3968	3797	3517	3401	3617	3917	4073	5- 10	272.8	364.7
15.0	4094	3992	3777	3318	3079	3459	3945	4133	10- 15	445.8	810.5
20.0	4092	3997	3767	3109	2682	3280	3971	4172	15- 20	606.3	1417
25.0	4058	3984	3758	2861	2164	3061	3991	4189	20- 25	748.3	2165
30.0	4006	3958	3752	2559	1708	2782	4012	4185	25- 30	867.9	3033
35.0	3940	3922	3742	2193	1431	2415	4029	4167	30- 35	967.9	4001
40.0	3824	3887	3730	1750	1231	1952	4032	4145	35- 40	1052	5054
45.0	3615	3841	3717	1382	1104	1498	4052	4102	40- 45	1120	6174
50.0	3271	3765	3751	1135	993.2	1165	4135	4023	45- 50	1169	7343
55.0	2777	3635	3822	954.1	897.9	942.6	4160	3894	50- 55	1195	8538
60.0	1953	3374	3697	799.0	802.6	764.6	3952	3583	55- 60	1163	9700
65.0	1051	2850	3485	661.2	659.4	616.9	3589	2971	60- 65	1048	10748
70.0	371.1	1978	2970	529.7	228.6	439.5	2699	1937	65- 70	847.4	11596
75.0	170.7	762.2	1673	277.4	132.9	139.1	1089	552.4	70- 75	537.3	12133
80.0	82.85	159.3	418.2	74.98	68.98	48.11	218.3	100.6	75- 80	226.2	12359
85.0	20.13	57.30	67.41	24.25	21.67	13.43	30.22	32.12	80- 85	56.70	12416
90.0	3.623	13.29	14.49	7.177	7.874	7.101	10.69	9.198	85- 90	10.14	12426
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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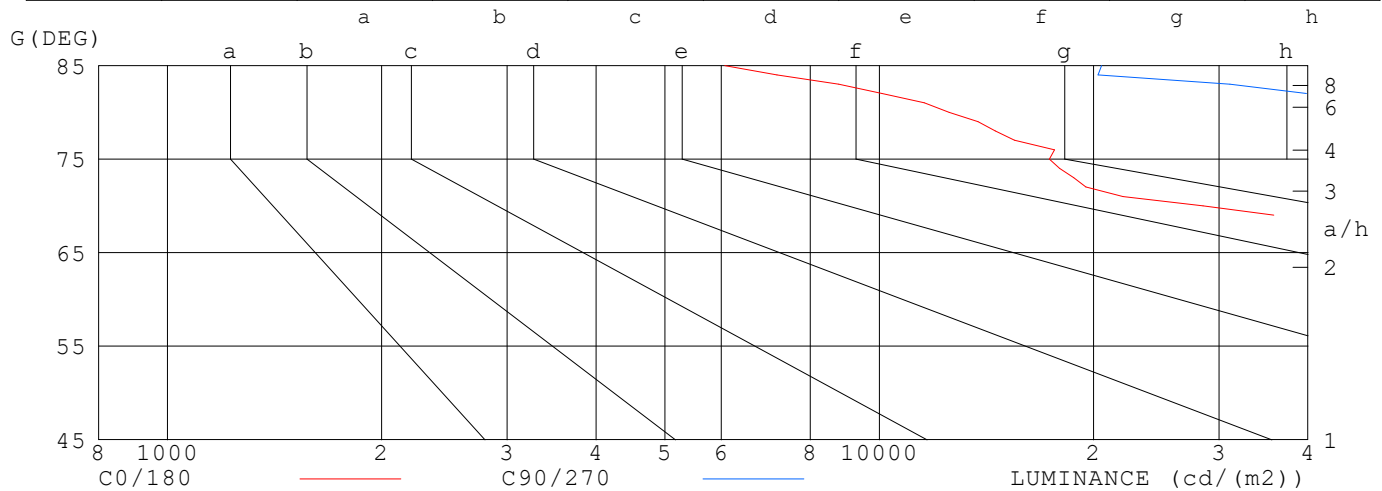
## LUMINANCE LIMITATION CURVES

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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	6069	20518
80	12533	63885
75	17333	171485
70	28502	230339
65	65310	218763
60	102586	196141
55	127151	176734
50	133672	154794
45	134277	139433

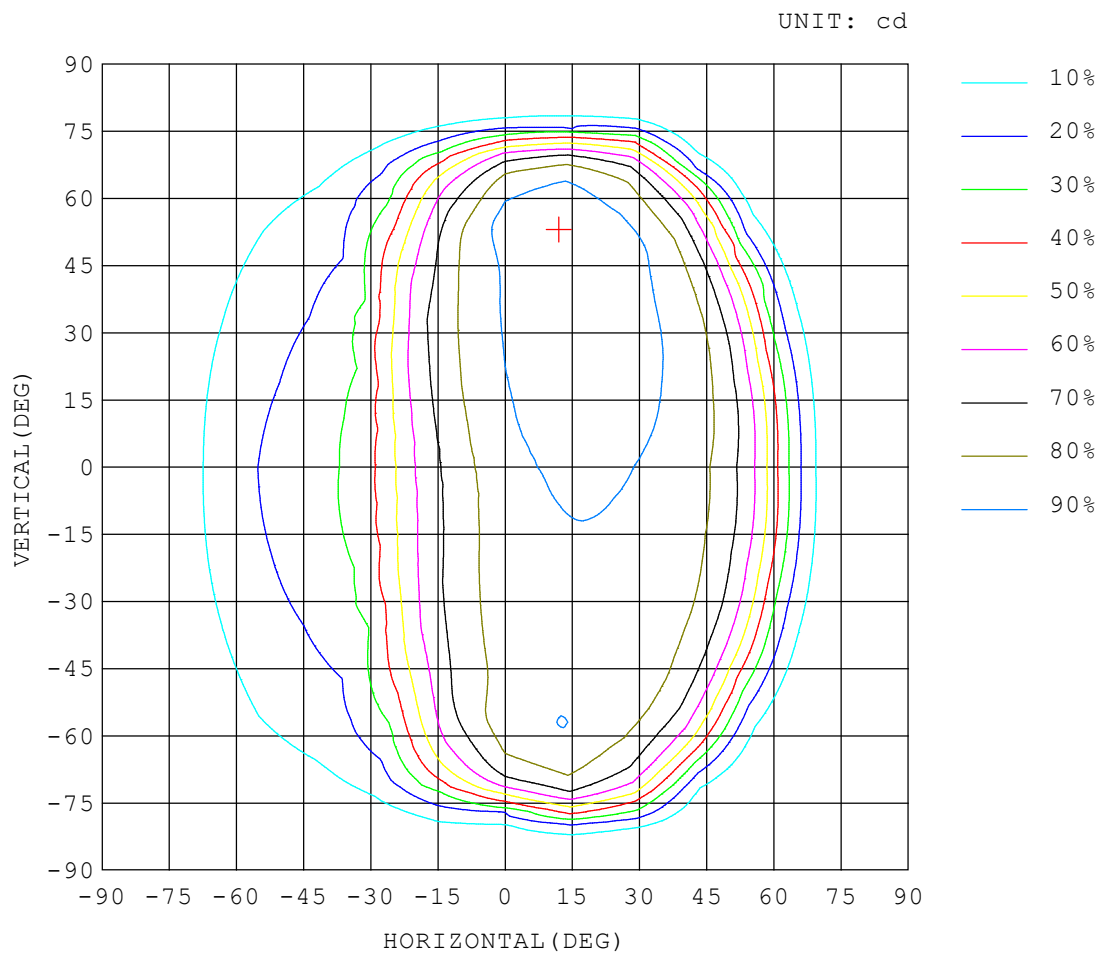
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