

Luminaire

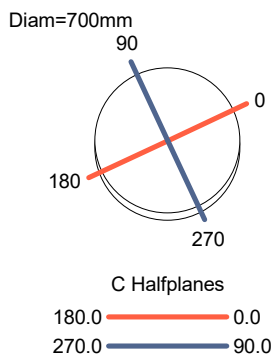
Code F143_DROP_5_35W_Susp
Name DROP_5_24V_35W_2700K_Cri90_Susp

Measurem.

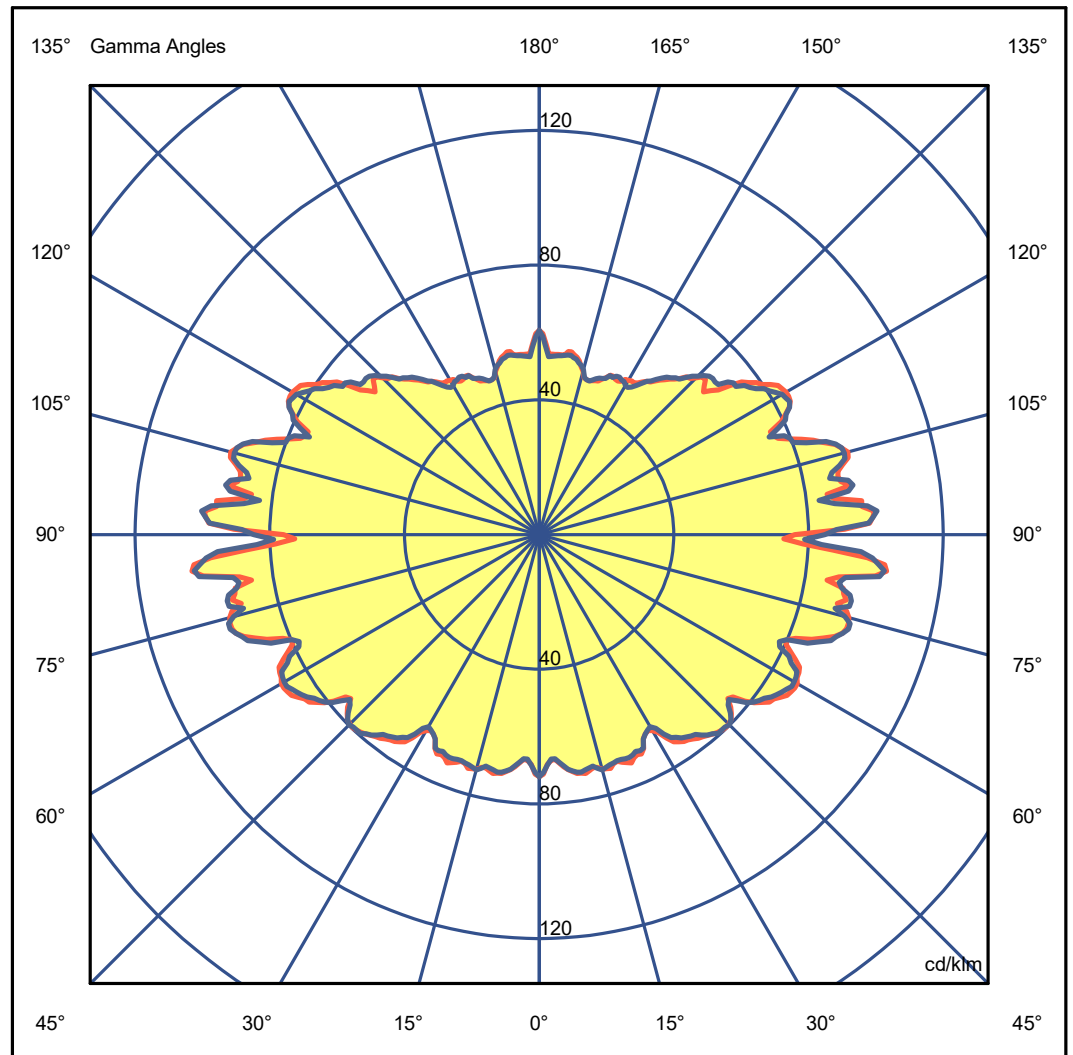
Code F143_DROP_5_35W_Susp
Name DROP_5_24V_35W_2700K_Cri90_Susp

Luminaire Flux	974.50 lm	Luminaire Power	35.00 W	Efficacy	27.84 lm/W	Efficiency	100.00%
Sources Flux	974.50 lm	Maximum value	103.73 cd/klm	Position	C=0.00 G=84.00	CG	Asymmetrical
Round Luminaire		Diam.	700 mm	Height	330 mm		
Round Luminous Area		Diam.	700 mm	Height	1 mm		
Horizontal Luminous Area		0.384845 m2		Emitting area on Plane 180°		0.000700 m2	
Emitting area on Plane 0°		0.000700 m2		Emitting area on Plane 270°		0.000700 m2	
Emitting area on Plane 90°		0.000700 m2		Glare area at 76°		0.093782 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		07-02-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		974.50 lm	
Operator				Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		2700K_CRI90		Name		974.50	35.00	1
				2700K_CRI90				
C.I.E.	22 46 72 52 100			D DIN 5040		C11		
F UTE	0.52 J + 0.48 T			B NBN		BZ 9		



ULOR 47.55 %
DLOR 52.45 %
RN 47.55 %



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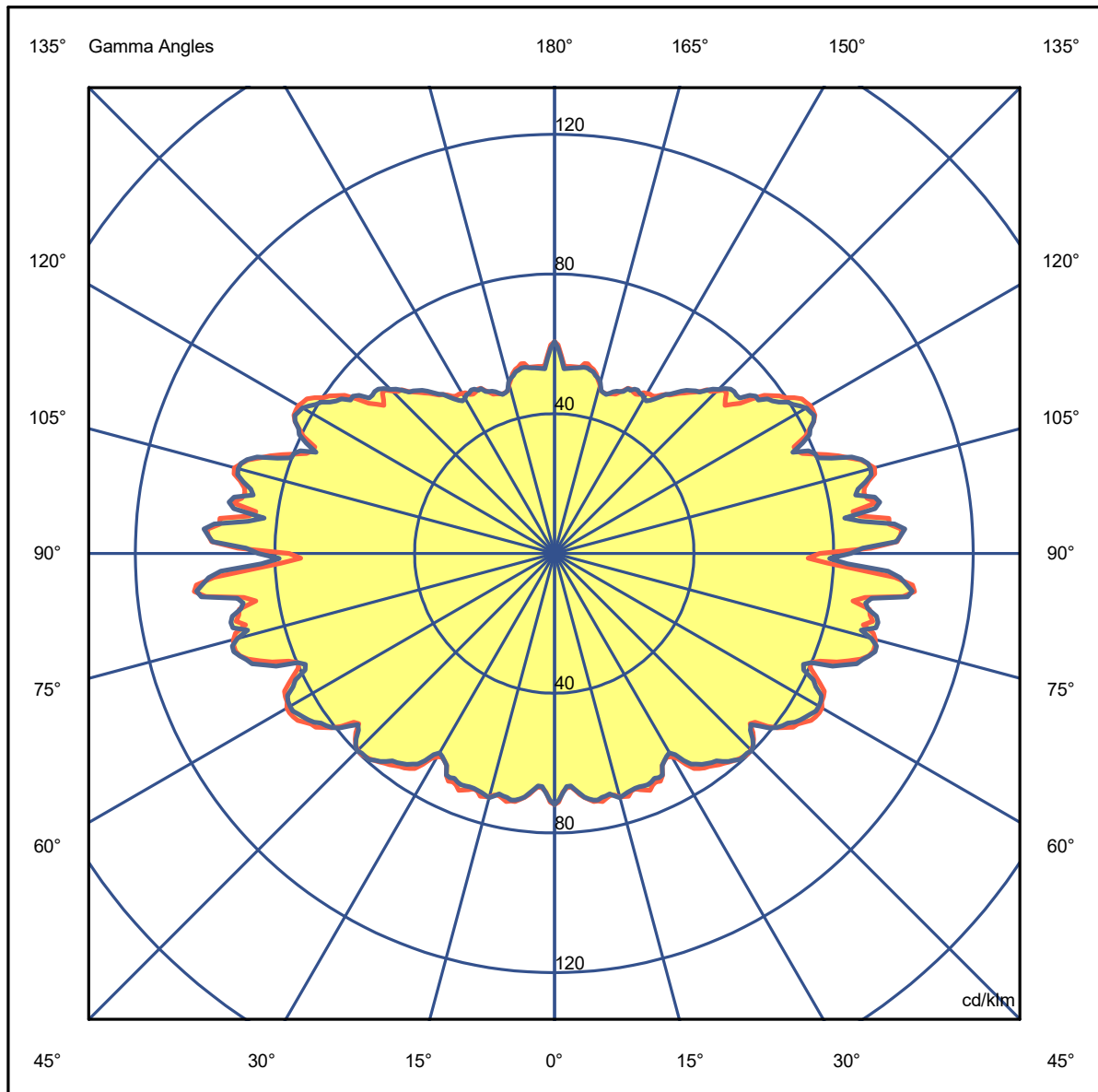
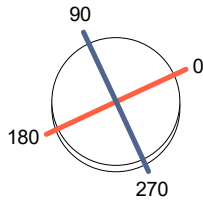
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Diam=700mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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Right beam angle not found, gamma = -84

Right beam angle not found, gamma = -84

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Luminaire

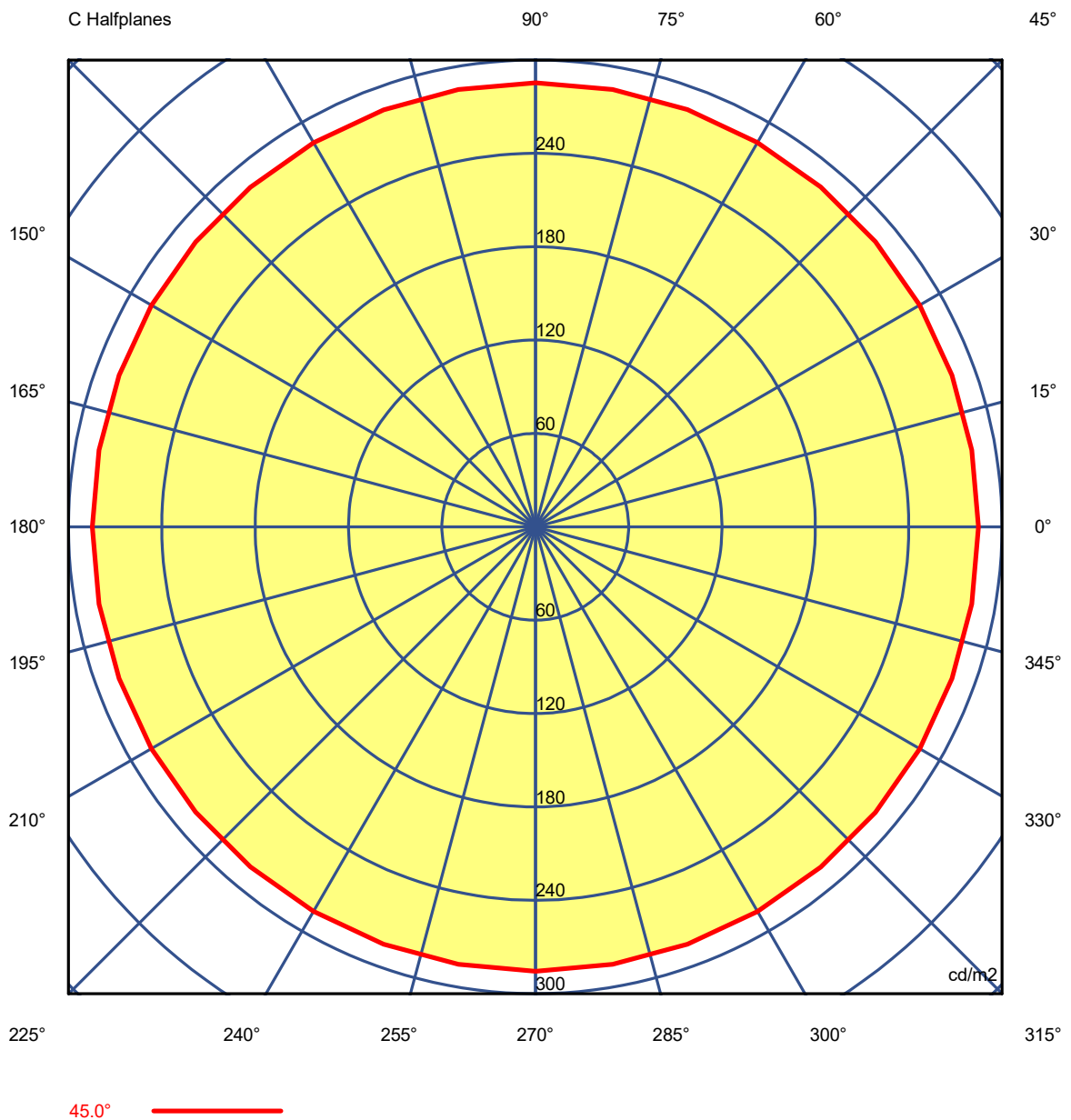
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Luminance



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Sources Flux	974.50 lm		Maximum value		103.73 cd/klm		Position		C=0.00 G=84.00		CG		Asymmetrical	
Luminance cd/m2 Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	
G 5.0	172.84	172.76	172.69	172.61	172.55	172.50	172.45	172.43	172.42	172.42	172.45	172.50	172.56	
G 10.0	184.85	184.72	184.59	184.47	184.36	184.27	184.19	184.15	184.13	184.15	184.20	184.28	184.37	
G 15.0	189.08	189.15	189.22	189.29	189.35	189.40	189.44	189.46	189.47	189.46	189.44	189.39	189.34	
G 20.0	193.62	193.19	192.78	192.39	192.04	191.75	191.52	191.37	191.32	191.37	191.53	191.78	192.09	
G 25.0	200.63	200.05	199.49	198.96	198.49	198.09	197.78	197.58	197.51	197.57	197.79	198.14	198.56	
G 30.0	196.17	195.44	194.73	194.07	193.47	192.97	192.58	192.32	192.23	192.31	192.59	193.02	193.56	
G 35.0	231.36	230.60	229.87	229.18	228.56	228.04	227.64	227.37	227.27	227.36	227.65	228.10	228.65	
G 40.0	256.97	256.83	256.70	256.57	256.46	256.36	256.29	256.24	256.22	256.24	256.29	256.37	256.47	
G 45.0	284.71	284.84	284.98	285.11	285.22	285.31	285.39	285.44	285.46	285.44	285.39	285.30	285.20	
G 50.0	294.94	296.26	297.54	298.73	299.80	300.71	301.42	301.88	302.05	301.90	301.40	300.62	299.65	
G 55.0	374.64	373.81	373.01	372.26	371.58	371.01	370.57	370.28	370.17	370.27	370.58	371.07	371.68	
G 60.0	446.75	445.73	444.75	443.82	443.00	442.29	441.75	441.39	441.26	441.38	441.77	442.37	443.11	
G 65.0	491.31	487.33	483.48	479.88	476.65	473.91	471.78	470.40	469.88	470.34	471.85	474.20	477.11	
G 70.0	661.12	664.44	667.65	670.66	673.36	675.65	677.42	678.58	679.01	678.63	677.37	675.41	672.98	
G 75.0	924.89	922.75	920.69	918.75	917.01	915.54	914.40	913.66	913.38	913.63	914.44	915.70	917.26	
G 80.0	1322.92	1321.65	1320.42	1319.27	1318.24	1317.37	1316.69	1316.25	1316.08	1316.23	1316.71	1317.46	1318.39	
G 85.0	2930.31	2920.58	2911.16	2902.34	2894.42	2887.71	2882.51	2879.12	2877.85	2878.98	2882.67	2888.42	2895.55	
G 90.0	105680.88	108030.05	110306.34	112436.86	114348.76	115969.12	117225.10	118043.77	118352.30	118077.78	117186.23	115799.07	114076.67	

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Sources Flux	974.50 lm		Maximum value		103.73 cd/klm		Position		C=0.00 G=84.00		CG Asymmetrical		
Luminance cd/m2 Table 2/3													
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91
G 5.0	172.62	172.69	172.75	172.80	172.83	172.84	172.83	172.80	172.75	172.69	172.62	172.56	172.50
G 10.0	184.48	184.59	184.69	184.77	184.83	184.85	184.83	184.77	184.69	184.59	184.48	184.37	184.28
G 15.0	189.28	189.22	189.17	189.12	189.09	189.08	189.09	189.12	189.17	189.22	189.28	189.34	189.39
G 20.0	192.44	192.79	193.11	193.37	193.55	193.62	193.55	193.37	193.11	192.79	192.44	192.09	191.78
G 25.0	199.03	199.50	199.93	200.29	200.54	200.63	200.54	200.29	199.93	199.50	199.03	198.56	198.14
G 30.0	194.15	194.74	195.29	195.74	196.05	196.17	196.05	195.74	195.29	194.74	194.15	193.56	193.02
G 35.0	229.26	229.88	230.45	230.92	231.24	231.36	231.24	230.92	230.45	229.88	229.26	228.65	228.10
G 40.0	256.59	256.70	256.80	256.89	256.95	256.97	256.95	256.89	256.80	256.70	256.59	256.47	256.37
G 45.0	285.09	284.98	284.87	284.79	284.73	284.71	284.73	284.79	284.87	284.98	285.09	285.20	285.30
G 50.0	298.59	297.52	296.52	295.71	295.15	294.94	295.15	295.71	296.52	297.52	298.59	299.65	300.62
G 55.0	372.35	373.02	373.64	374.16	374.51	374.64	374.51	374.16	373.64	373.02	372.35	371.68	371.07
G 60.0	443.94	444.76	445.53	446.16	446.59	446.75	446.59	446.16	445.53	444.76	443.94	443.11	442.37
G 65.0	480.32	483.55	486.54	489.01	490.69	491.31	490.69	489.01	486.54	483.55	480.32	477.11	474.20
G 70.0	670.30	667.60	665.10	663.04	661.64	661.12	661.64	663.04	665.10	667.60	670.30	672.98	675.41
G 75.0	918.98	920.72	922.33	923.65	924.55	924.89	924.55	923.65	922.33	920.72	918.98	917.26	915.70
G 80.0	1319.41	1320.44	1321.40	1322.18	1322.72	1322.92	1322.72	1322.18	1321.40	1320.44	1319.41	1318.39	1317.46
G 85.0	2903.40	2911.32	2918.63	2924.68	2928.79	2930.31	2928.79	2924.68	2918.63	2911.32	2903.40	2895.55	2888.42
G 90.0	112179.36	110267.47	108501.35	107041.31	106047.71	105680.88	106047.71	107041.31	108501.35	110267.47	112179.36	114076.67	115799.07

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Sources Flux	974.50 lm	Maximum value	103.73 cd/klm	Position	C=0.00 G=84.00	CG	Asymmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91	181.91
G 5.0	172.45	172.42	172.42	172.43	172.45	172.50	172.55	172.61	172.69	172.76
G 10.0	184.20	184.15	184.13	184.15	184.19	184.27	184.36	184.47	184.59	184.72
G 15.0	189.44	189.46	189.47	189.46	189.44	189.40	189.35	189.29	189.22	189.15
G 20.0	191.53	191.37	191.32	191.37	191.52	191.75	192.04	192.39	192.78	193.19
G 25.0	197.79	197.57	197.51	197.58	197.78	198.09	198.49	198.96	199.49	200.05
G 30.0	192.59	192.31	192.23	192.32	192.58	192.97	193.47	194.07	194.73	195.44
G 35.0	227.65	227.36	227.27	227.37	227.64	228.04	228.56	229.18	229.87	230.60
G 40.0	256.29	256.24	256.22	256.24	256.29	256.36	256.46	256.57	256.70	256.83
G 45.0	285.39	285.44	285.46	285.44	285.39	285.31	285.22	285.11	284.98	284.84
G 50.0	301.40	301.90	302.05	301.88	301.42	300.71	299.80	298.73	297.54	296.26
G 55.0	370.58	370.27	370.17	370.28	370.57	371.01	371.58	372.26	373.01	373.81
G 60.0	441.77	441.38	441.26	441.39	441.75	442.29	443.00	443.82	444.75	445.73
G 65.0	471.85	470.34	469.88	470.40	471.78	473.91	476.65	479.88	483.48	487.33
G 70.0	677.37	678.63	679.01	678.58	677.42	675.65	673.36	670.66	667.65	664.44
G 75.0	914.44	913.63	913.38	913.66	914.40	915.54	917.01	918.75	920.69	922.75
G 80.0	1316.71	1316.23	1316.08	1316.25	1316.69	1317.37	1318.24	1319.27	1320.42	1321.65
G 85.0	2882.67	2878.98	2877.85	2879.12	2882.51	2887.71	2894.42	2902.34	2911.16	2920.58
G 90.0	117186.23	118077.78	118352.30	118043.77	117225.10	115969.12	114348.76	112436.86	110306.34	108030.05

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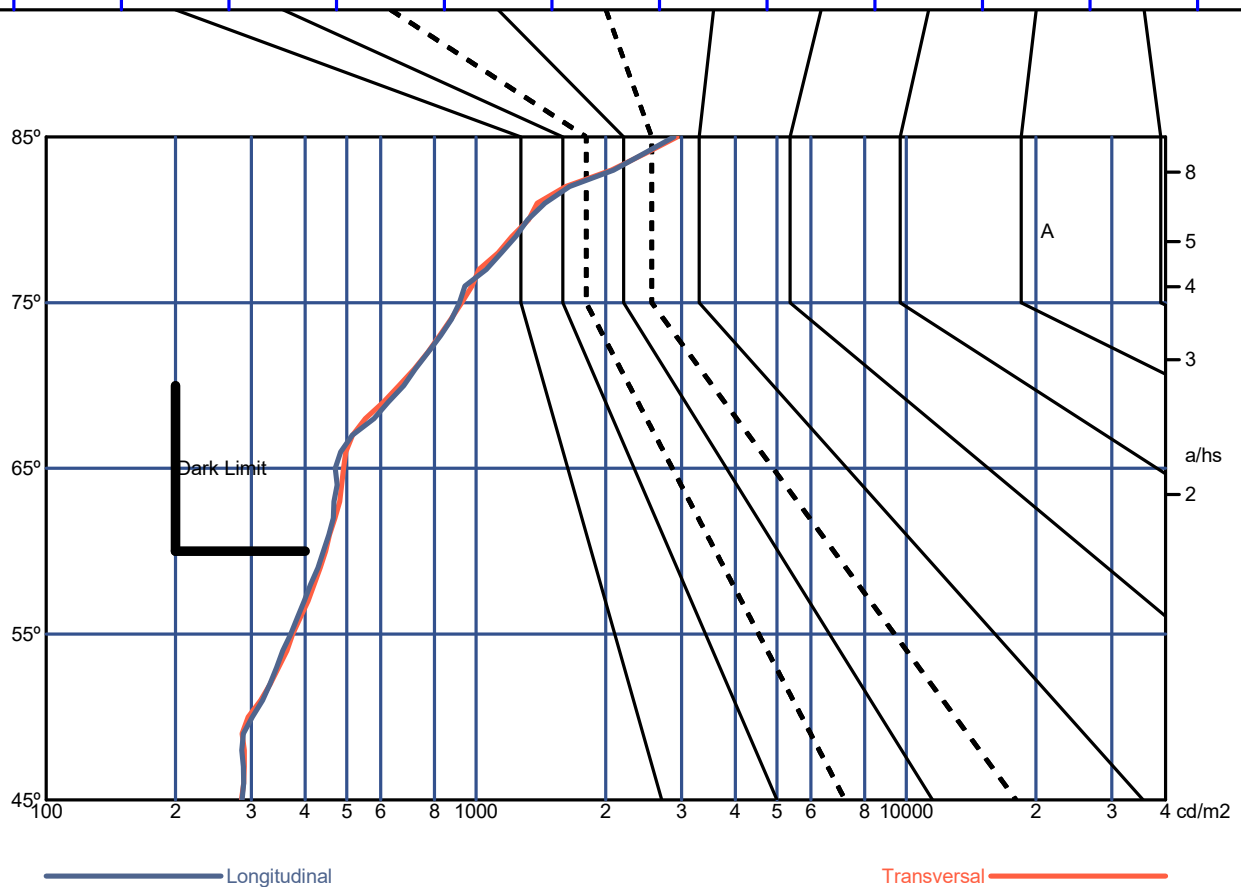
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Sources Flux	974.50 lm	Maximum value	103.73 cd/klm	Position	C=0.00 G=84.00	CG	Asymmetrical

	45°	50°	55°	60°	Average Luminance [cd/m²]		75°	80°	85°	
0.0°	285	295	375	447	65°	491	661	925	1323	2930
90.0°	285	302	370	441	70°	470	679	914	1316	2879

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



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UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions										
RoomDimensions	Viewed Crosswise					Viewed Endwise				
	x	y	z	x	y	x	y	z	x	y
x=2H y=2H	5.9	6.9	6.8	7.8	9.0	5.8	6.8	6.7	7.7	8.9
x=2H y=3H	9.3	10.2	10.2	11.1	12.3	9.3	10.2	10.2	11.1	12.3
x=2H y=4H	11.5	12.3	12.4	13.3	14.5	11.5	12.3	12.4	13.2	14.4
x=2H y=6H	13.6	14.4	14.6	15.4	16.6	13.7	14.5	14.6	15.4	16.6
x=2H y=8H	14.8	15.6	15.7	16.5	17.7	14.9	15.7	15.8	16.6	17.8
x=2H y=12H	16.5	17.2	17.4	18.2	19.4	16.5	17.2	17.4	18.2	19.4
x=4H y=2H	7.0	7.9	7.9	8.8	10.0	7.0	7.8	7.9	8.8	9.9
x=4H y=3H	10.7	11.4	11.6	12.4	13.6	10.7	11.4	11.6	12.4	13.6
x=4H y=4H	12.9	13.6	13.9	14.5	15.8	12.9	13.6	13.8	14.5	15.8
x=4H y=6H	15.2	15.8	16.1	16.8	18.0	15.2	15.8	16.2	16.8	18.1
x=4H y=8H	16.5	17.0	17.4	18.0	19.3	16.5	17.1	17.5	18.1	19.4
x=4H y=12H	18.2	18.7	19.2	19.7	21.0	18.2	18.7	19.2	19.7	21.0
x=8H y=4H	13.8	14.4	14.8	15.4	16.6	13.8	14.4	14.8	15.3	16.6
x=8H y=6H	16.3	16.7	17.3	17.7	19.1	16.3	16.8	17.3	17.8	19.1
x=8H y=8H	17.7	18.2	18.8	19.2	20.5	17.8	18.2	18.8	19.3	20.6
x=8H y=12H	19.7	20.1	20.7	21.1	22.4	19.7	20.1	20.7	21.1	22.5
x=12H y=4H	14.1	14.6	15.0	15.6	16.9	14.0	14.5	15.0	15.5	16.8
x=12H y=6H	16.6	17.1	17.6	18.1	19.4	16.7	17.1	17.7	18.1	19.4
x=12H y=8H	18.3	18.6	19.3	19.7	21.0	18.3	18.7	19.3	19.7	21.0

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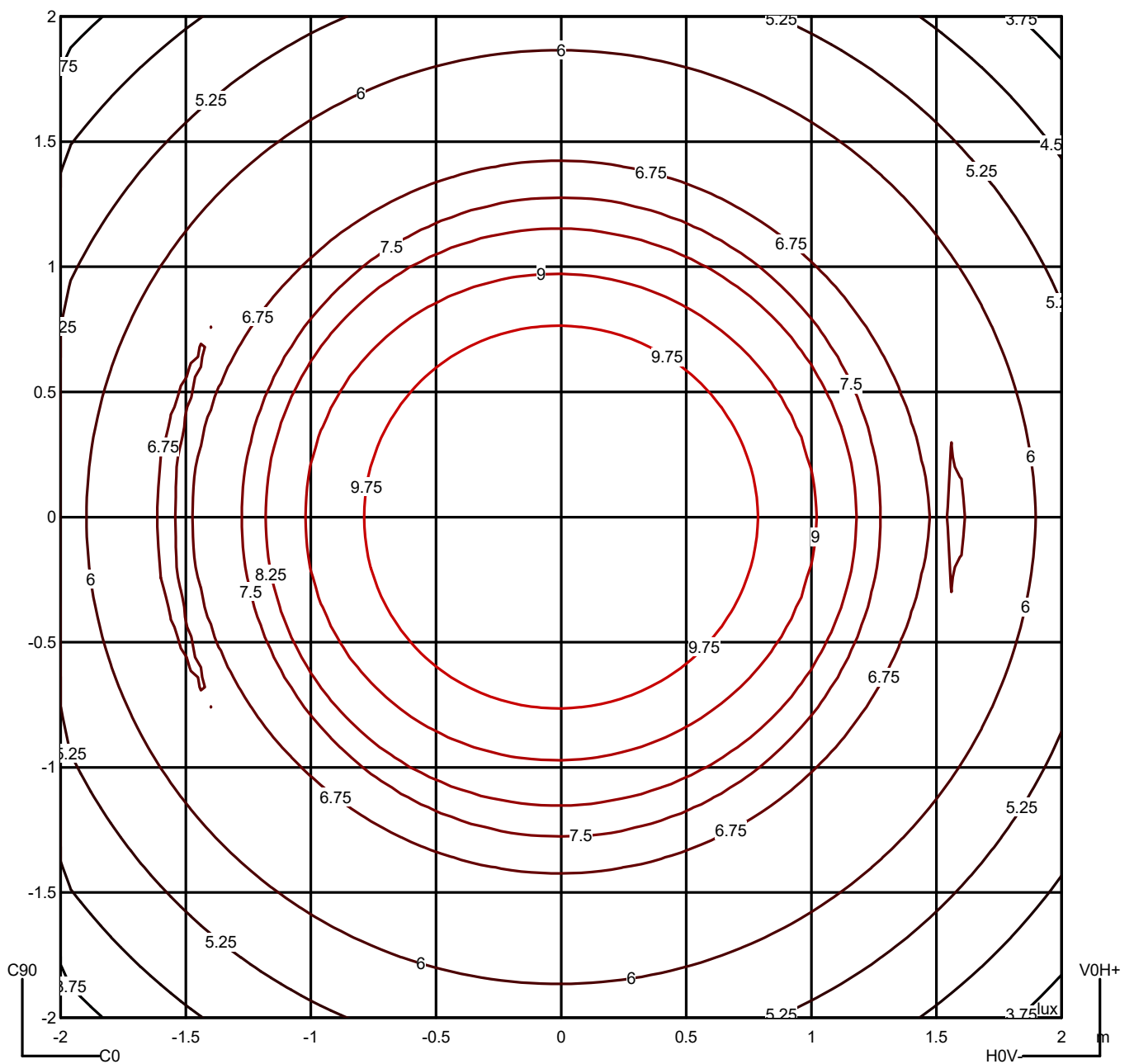
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Sources Flux	974.50 lm	Maximum value	103.73 cd/klm	Position	C=0.00 G=84.00	CG	Asymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



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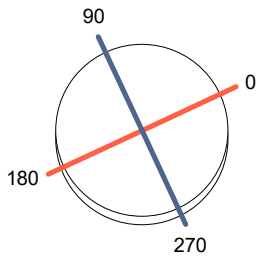
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Sources Flux	974.50 lm	Maximum value	103.73 cd/klm	Position	C=0.00 G=84.00	CG	Asymmetrical

Diam=700mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0

