

# LEDS C4<sup>®</sup>

## Luminaire

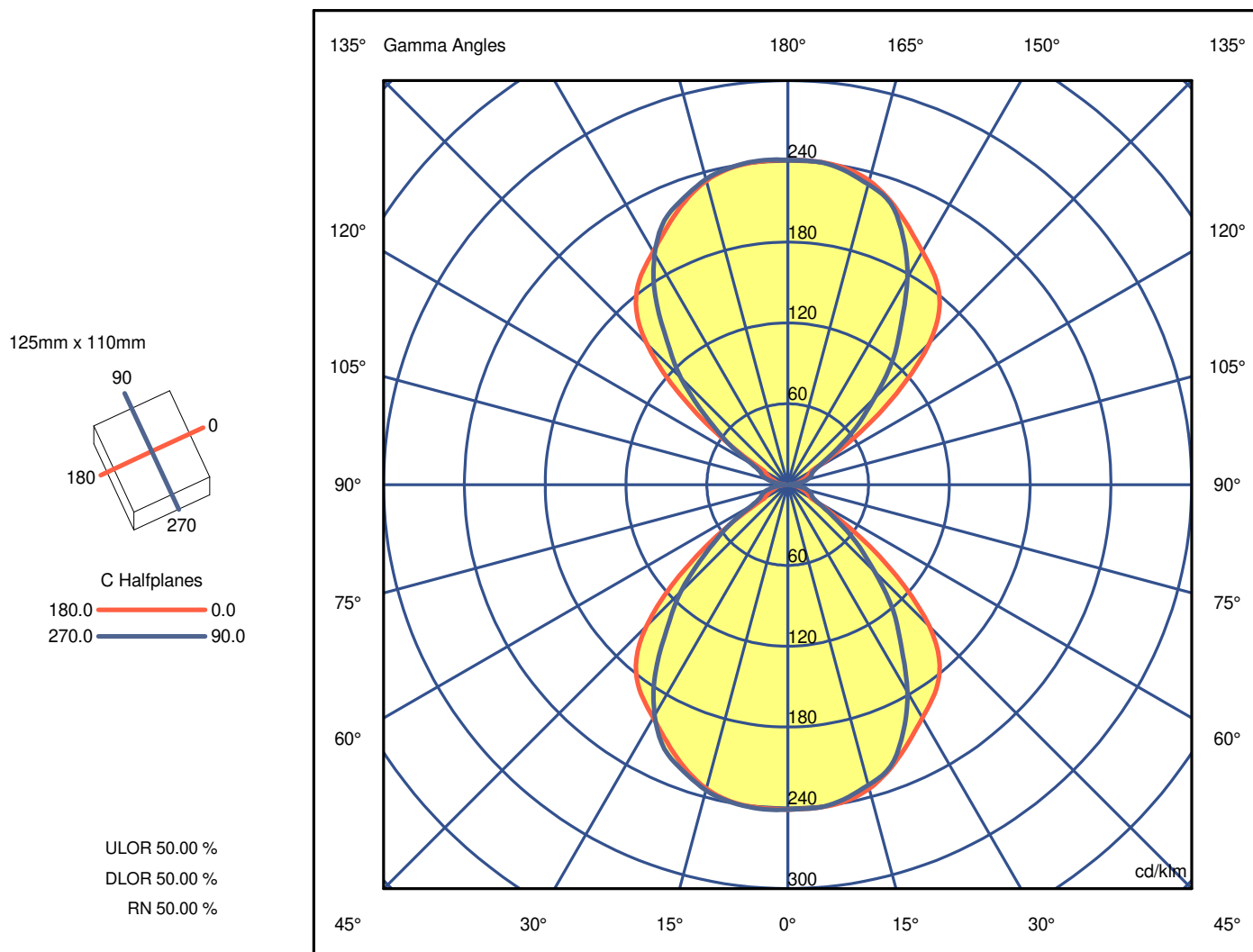
Code 05-9683-Z5-CLV2  
Name WILSON

## Measurement

Code 05-9683-Z5-CLV2  
Name WILSON

Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical
Rectangular Luminaire Rectangular Luminous Area	Length Length	125 mm 60 mm	Width Width	110 mm 60 mm	Height Height	90 mm 90 mm	
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.003600 m2 0.005400 m2 0.005400 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.005400 m2 0.005400 m2 0.006111 m2			
Coordinate system Date Measurement Distance	CG 15-01-2018 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux	Asymmetrical 180 622.53 lm			
Operator Temperature Humidity Notes	Asselum T2 25.00 °C 60.00 %		Rated Voltage Rated Current Photocell				

Line		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
	Code 05-9683-Z5-CLV2	Name 05-9683-Z5-CLV1		622.53	10.47	1
C.I.E. F UTE	62 91 98 50 100 0.50 C + 0.50 T	D DIN 5040 B NBN		C51 BZ 3		



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Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical
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Luminous Intensity Table cd/klm Table 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16
G 5.0	240.92	240.91	240.93	240.96	240.97	240.95	240.93	240.95	240.97	240.97	240.94	240.91
G 10.0	238.99	239.25	239.84	239.36	238.51	237.73	237.40	237.73	238.51	239.37	239.84	239.25
G 15.0	233.59	234.51	234.90	233.85	232.57	231.35	230.81	231.35	232.58	233.85	234.91	234.51
G 20.0	223.72	225.21	225.22	225.46	225.13	223.66	222.59	223.66	225.13	225.46	225.22	225.20
G 25.0	211.49	212.50	212.46	213.87	211.49	205.52	202.66	205.52	211.49	213.86	212.45	212.48
G 30.0	199.82	199.80	198.79	197.24	188.44	180.37	177.60	180.37	188.43	197.22	198.78	199.80
G 35.0	189.81	189.20	185.80	174.42	160.26	151.27	146.96	151.28	160.25	174.40	185.81	189.23
G 40.0	175.34	175.92	170.97	149.41	133.51	123.65	121.39	123.66	133.50	149.42	171.02	175.98
G 45.0	148.47	152.32	148.33	125.48	106.76	95.77	90.67	95.77	106.75	125.52	148.38	152.34
G 50.0	105.20	112.52	115.22	100.17	81.34	69.87	66.01	69.87	81.35	100.21	115.20	112.40
G 55.0	57.18	65.12	74.48	72.41	57.20	45.96	40.75	45.96	57.23	72.41	74.33	64.90
G 60.0	19.97	25.59	37.51	45.30	34.59	27.14	24.77	27.13	34.62	45.19	37.34	25.53
G 65.0	16.62	17.88	18.78	24.79	21.39	20.35	19.65	20.35	21.36	24.66	18.78	17.88
G 70.0	13.27	14.41	15.39	14.65	18.11	18.89	18.33	18.90	18.01	14.83	15.39	14.41
G 75.0	9.92	10.94	12.03	11.93	15.52	16.10	15.02	16.10	15.59	12.42	12.03	10.94
G 80.0	7.22	7.87	8.65	10.11	11.10	11.22	10.66	11.18	11.40	9.91	9.24	9.22
G 85.0	4.52	4.82	5.21	6.40	6.24	6.13	1.69	6.27	5.47	4.72	4.53	4.54
G 90.0	1.81	1.77	1.75	1.73	1.73	1.80	1.41	1.80	1.73	1.73	1.75	1.77
G 95.0	4.52	4.82	5.21	6.40	6.24	6.13	1.69	6.27	5.47	4.72	4.53	4.54
G100.0	7.22	7.87	8.65	10.11	11.10	11.22	10.66	11.18	11.40	9.91	9.24	9.22
G105.0	9.92	10.94	12.03	11.93	15.52	16.10	15.02	16.10	15.59	12.42	12.03	10.94
G110.0	13.27	14.41	15.39	14.65	18.11	18.89	18.33	18.90	18.01	14.83	15.39	14.41
G115.0	16.62	17.88	18.78	24.79	21.39	20.35	19.65	20.35	21.36	24.66	18.78	17.88
G120.0	19.97	25.59	37.51	45.30	34.59	27.14	24.77	27.13	34.62	45.19	37.34	25.53
G125.0	57.18	65.12	74.48	72.41	57.20	45.96	40.75	45.96	57.23	72.41	74.33	64.90
G130.0	105.20	112.52	115.22	100.17	81.34	69.87	66.01	69.87	81.35	100.21	115.20	112.40
G135.0	148.47	152.32	148.33	125.48	106.76	95.77	90.67	95.77	106.75	125.52	148.38	152.34
G140.0	175.34	175.92	170.97	149.41	133.51	123.65	121.39	123.66	133.50	149.42	171.02	175.98
G145.0	189.81	189.20	185.80	174.42	160.26	151.27	146.96	151.28	160.25	174.40	185.81	189.23
G150.0	199.82	199.80	198.79	197.24	188.44	180.37	177.60	180.37	188.43	197.22	198.78	199.80
G155.0	211.49	212.50	212.46	213.87	211.49	205.52	202.66	205.52	211.49	213.86	212.45	212.48
G160.0	223.72	225.21	225.22	225.46	225.13	223.66	222.59	223.66	225.13	225.46	225.22	225.20
G165.0	233.59	234.51	234.90	233.85	232.57	231.35	230.81	231.35	232.58	233.85	234.91	234.51
G170.0	238.99	239.25	239.84	239.36	238.51	237.73	237.40	237.73	238.51	239.37	239.84	239.25
G175.0	240.92	240.91	240.93	240.96	240.97	240.95	240.93	240.95	240.97	240.97	240.94	240.91
G180.0	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16
	C 180.00	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16
G 5.0	240.92	241.06	241.30	241.49	241.56	241.55	241.53	241.55	241.56	241.49	241.30	241.06
G 10.0	239.00	239.51	240.25	240.36	240.04	239.65	239.47	239.65	240.04	240.36	240.24	239.51
G 15.0	233.59	234.78	236.07	236.31	236.00	235.37	234.95	235.37	236.00	236.30	236.07	234.78
G 20.0	223.71	225.46	227.40	228.48	228.36	227.08	226.33	227.08	228.35	228.48	227.41	225.47
G 25.0	211.47	213.21	215.00	216.71	217.75	217.22	216.57	217.21	217.75	216.72	215.01	213.23
G 30.0	199.82	201.01	201.36	202.37	203.23	200.50	197.63	200.50	203.24	202.39	201.37	201.01
G 35.0	189.85	190.91	188.86	186.50	181.25	173.73	171.79	173.73	181.26	186.51	188.85	190.88
G 40.0	175.39	178.02	177.07	166.12	150.87	142.56	139.49	142.56	150.88	166.11	177.02	177.97
G 45.0	148.47	154.45	159.08	141.52	122.24	113.04	112.30	113.04	122.25	141.49	159.03	154.43
G 50.0	105.06	114.19	127.39	115.03	95.35	84.18	80.33	84.19	95.34	114.99	127.41	114.31
G 55.0	56.96	66.26	83.26	84.96	69.77	58.55	54.59	58.56	69.74	84.97	83.43	66.48
G 60.0	19.97	26.46	41.47	53.21	44.89	35.31	31.53	35.32	44.86	53.33	41.65	26.53
G 65.0	16.62	18.56	20.17	28.23	26.78	23.19	22.62	23.19	26.80	28.36	20.17	18.56
G 70.0	13.27	14.86	16.34	15.73	20.02	21.09	20.19	21.08	20.11	15.54	16.34	14.86
G 75.0	9.92	11.13	12.54	12.66	16.87	17.05	16.18	17.04	16.80	12.14	12.54	11.13
G 80.0	7.22	7.87	8.65	10.11	11.10	11.22	10.66	11.18	11.40	9.91	9.24	9.22
G 85.0	4.52	4.82	5.21	6.40	6.24	6.13	1.69	6.27	5.47	4.72	4.53	4.54
G 90.0	1.81	1.77	1.75	1.73	1.73	1.80	1.41	1.80	1.73	1.73	1.75	1.77
G 95.0	4.52	4.82	5.21	6.40	6.24	6.13	1.69	6.27	5.47	4.72	4.53	4.54
G100.0	7.22	7.87	8.65	10.11	11.10	11.22	10.66	11.18	11.40	9.91	9.24	9.22
G105.0	9.92	10.94	12.03	11.93	15.52	16.10	15.02	16.10	15.59	12.42	12.03	10.94
G110.0	13.27	14.41	15.39	14.65	18.11	18.89	18.33	18.90	18.01	14.83	15.39	14.41
G115.0	16.62	17.88	18.78	24.79	21.39	20.35	19.65	20.35	21.36	24.66	18.78	17.88
G120.0	19.97	25.59	37.51	45.30	34.59	27.14	24.77	27.13	34.62	45.19	37.34	25.53
G125.0	57.18	65.12	74.48	72.41	57.20	45.96	40.75	45.96	57.23	72.41	74.33	64.90
G130.0	105.20	112.52	115.22	100.17	81.34	69.87	66.01	69.87	81.35	100.21	115.20	112.40
G135.0	148.47	152.32	148.33	125.48	106.76	95.77	90.67	95.77	106.75	125.52	148.38	152.34
G140.0	175.34	175.92	170.97	149.41	133.51	123.65	121.39	123.66	133.50	149.42	171.02	175.98
G145.0	189.81	189.20	185.80	174.42	160.26	151.27	146.96	151.28	160.25	174.40	185.81	189.23
G150.0	199.82	199.80	198.79	197.24	188.44	180.37	177.60	180.37	188.43	197.22	198.78	199.80
G155.0	211.49	212.50	212.46	213.87	211.49	205.52	202.66	205.52	211.49	213.86	212.45	212.48
G160.0	223.72	225.21	225.22	225.46	225.13	223.66	222.59	223.66	225.13	225.46	225.22	225.20
G165.0	233.59	234.51	234.90	233.85	232.57	231.35	230.81	231.35	232.58	233.85	234.91	234.51
G170.0	238.99	239.25	239.84	239.36	238.51	237.73	237.40	237.73	238.51	239.37	239.84	239.25
G175.0	240.92	240.91	240.93	240.96	240.97	240.95	240.93	240.95	240.97	240.97	240.94	240.91
G180.0	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16	241.16

# LEDS C4<sup>®</sup>

## Luminaire

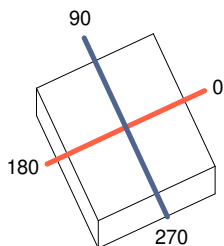
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Name WILSON

## Measurem.

Code 05-9683-Z5-CLV2  
Name WILSON

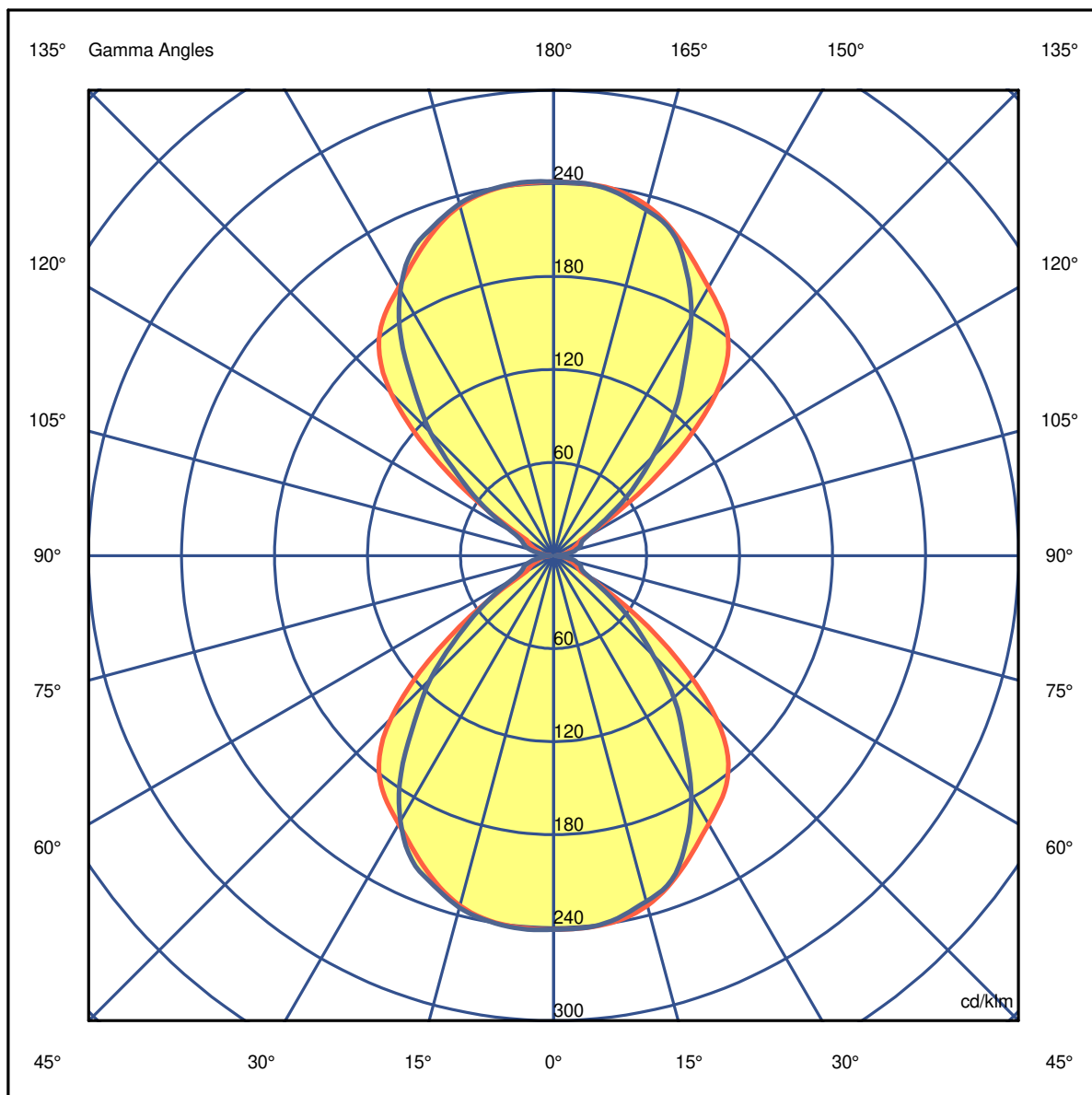
Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical

125mm x 110mm



C Halfplanes

180.0 ———— 0.0  
270.0 ———— 90.0



# LEDS C4<sup>2</sup>

## Luminaire

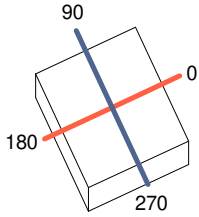
Code 05-9683-Z5-CLV2  
Name WILSON

## Measurem.

Code 05-9683-Z5-CLV2  
Name WILSON

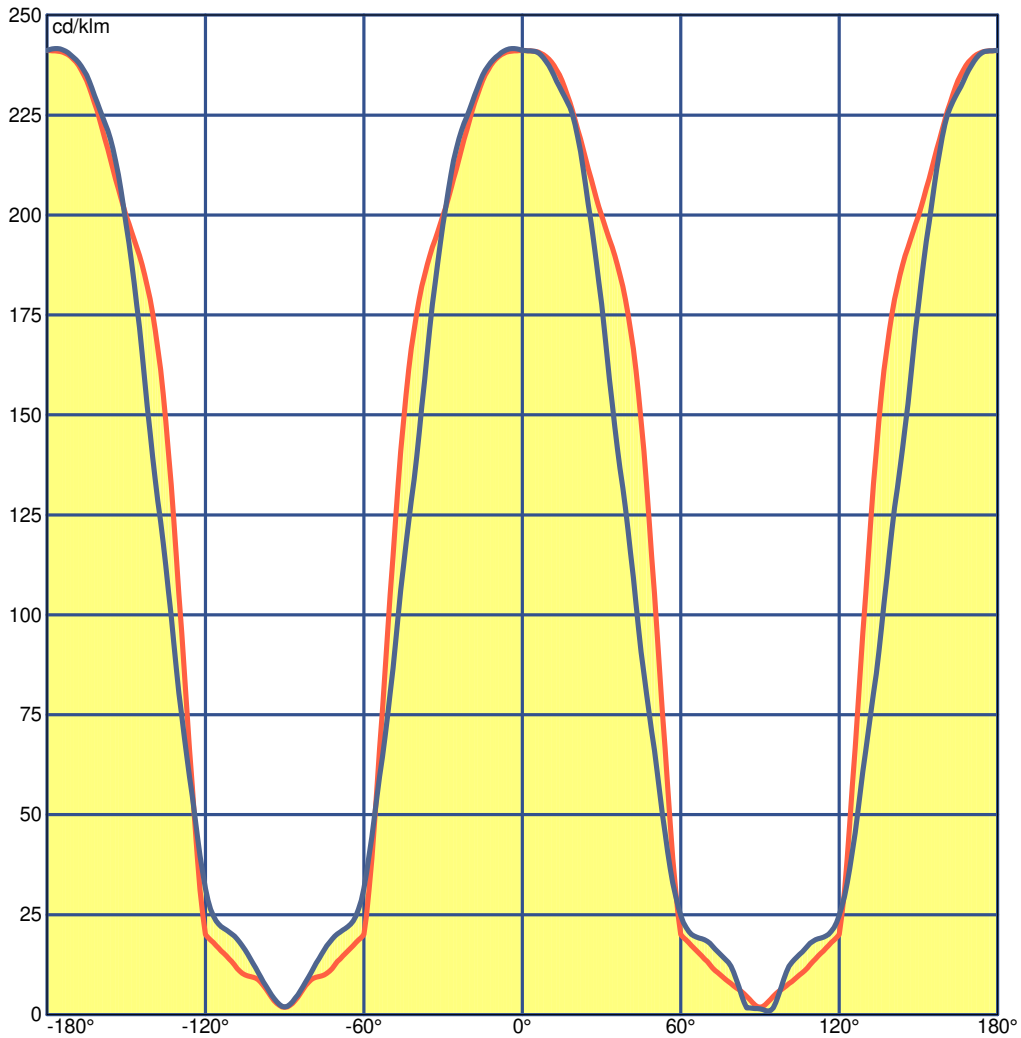
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Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical

125mm x 110mm



C Halfplanes

180.0 ———— 0.0  
270.0 ———— 90.0



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## Luminaire

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## Measurem.

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Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical

**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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	15.2	15.9	16.0	16.8	17.9	14.4	15.1	15.3	16.0	17.1
x=2H y=3H	15.1	15.7	16.0	16.6	17.7	14.5	15.2	15.4	16.1	17.2
x=2H y=4H	15.0	15.6	15.9	16.5	17.7	14.6	15.2	15.6	16.1	17.3
x=2H y=6H	14.9	15.5	15.9	16.4	17.6	14.7	15.2	15.6	16.1	17.3
x=2H y=8H	14.9	15.4	15.9	16.4	17.6	14.7	15.2	15.6	16.1	17.3
x=2H y=12H	14.9	15.4	15.8	16.3	17.5	14.6	15.1	15.6	16.1	17.3
x=4H y=2H	15.0	15.6	15.9	16.5	17.7	14.4	15.0	15.4	15.9	17.1
x=4H y=3H	15.0	15.5	15.9	16.4	17.6	14.6	15.1	15.6	16.1	17.3
x=4H y=4H	14.9	15.4	15.9	16.3	17.6	14.8	15.3	15.8	16.2	17.4
x=4H y=6H	14.9	15.3	15.9	16.3	17.5	14.9	15.3	15.9	16.3	17.5
x=4H y=8H	14.9	15.3	15.9	16.3	17.5	14.9	15.3	16.0	16.3	17.6
x=4H y=12H	14.9	15.2	15.9	16.2	17.5	14.9	15.2	15.9	16.2	17.5
x=8H y=4H	14.8	15.2	15.8	16.2	17.4	14.7	15.0	15.7	16.0	17.3
x=8H y=6H	14.9	15.1	15.9	16.2	17.5	14.9	15.2	15.9	16.2	17.5
x=8H y=8H	14.9	15.1	15.9	16.1	17.5	14.9	15.2	16.0	16.2	17.5
x=8H y=12H	14.9	15.1	15.9	16.1	17.4	15.0	15.2	16.0	16.2	17.5
x=12H y=4H	14.8	15.1	15.8	16.1	17.4	14.6	15.0	15.7	16.0	17.3
x=12H y=6H	14.8	15.1	15.9	16.1	17.4	14.8	15.1	15.9	16.1	17.4
x=12H y=8H	14.8	15.1	15.9	16.1	17.4	14.9	15.1	16.0	16.1	17.5

# LEDS C4<sup>2</sup>

## Luminaire

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## Measurum.

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Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical

Total Flux=622.53 Luminaire Flux=622.53

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.41	0.50	0.58	0.65	0.70	0.77	0.82	0.85	0.88	0.90	0.94	0.97
RC	3	3	3	3	3	2	2	2	3	3	3	4

Zonal Flux per 1000 Lumen

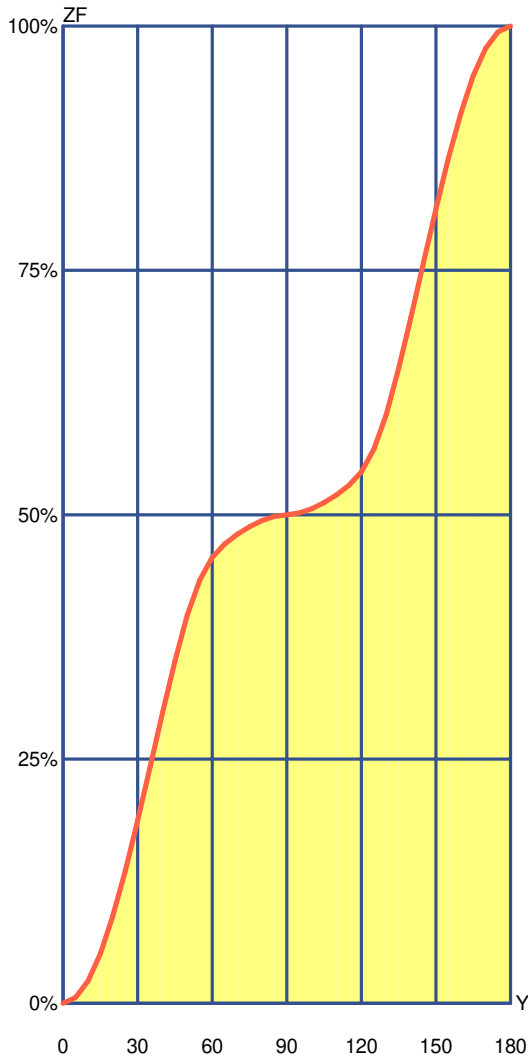
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	23	89	187	298	397	456	480	494	500	506	520	544	603	702	813	911	977	1000

CIE Flux Codes

62 91 98 50 100

C.I.E. 3/3/3/3/2/2/3/3/3/4  
D DIN 5040 C51  
F UTE 0.50 C + 0.50 T  
B NBN BZ 3  
RN 50.00000 %  
BLF 1.0

LOR 100.00000 %  
ULOR 50.00000 %  
DLOR 50.00000 %  
UFF 50.00000 %  
DFF 50.00000 %  
FFR 100.00000 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00%
5°	5.77	5.77	0.58%	0.58%
10°	17.19	22.95	1.72%	2.30%
15°	28.10	51.05	2.81%	5.11%
20°	37.92	88.98	3.79%	8.90%
25°	46.03	135.01	4.60%	13.50%
30°	51.86	186.86	5.19%	18.69%
35°	55.12	241.99	5.51%	24.20%
40°	55.69	297.67	5.57%	29.77%
45°	53.12	350.80	5.31%	35.08%
50°	46.52	397.31	4.65%	39.73%
55°	35.81	433.12	3.58%	43.31%
60°	23.16	456.28	2.32%	45.63%
65°	13.72	470.01	1.37%	47.00%
70°	9.70	479.71	0.97%	47.97%
75°	7.93	487.65	0.79%	48.76%
80°	6.29	493.94	0.63%	49.39%
85°	4.14	498.08	0.41%	49.81%
90°	1.92	500.00	0.19%	50.00%
95°	1.92	501.92	0.19%	50.19%
100°	4.14	506.06	0.41%	50.61%
105°	6.29	512.35	0.63%	51.24%
110°	7.93	520.29	0.79%	52.03%
115°	9.70	529.99	0.97%	53.00%
120°	13.72	543.72	1.37%	54.37%
125°	23.16	566.88	2.32%	56.69%
130°	35.81	602.69	3.58%	60.27%
135°	46.52	649.20	4.65%	64.92%
140°	53.12	702.33	5.31%	70.23%
145°	55.69	758.01	5.57%	75.80%
150°	55.12	813.14	5.51%	81.31%
155°	51.86	864.99	5.19%	86.50%
160°	46.03	911.02	4.60%	91.10%
165°	37.92	948.95	3.79%	94.89%
170°	28.10	977.05	2.81%	97.70%
175°	17.19	994.23	1.72%	99.42%
180°	5.77	1000.00	0.58%	100.00%

# LEDS C4<sup>+</sup>

## Luminaire

Code 05-9683-Z5-CLV2  
Name WILSON

## Measurerm.

Code 05-9683-Z5-CLV2  
Name WILSON

Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical

## Utilizations CIE

Mounting	Direct	Normalization		Normalised		Suspension Ratid/3						Standard CIE Settings											
Ceiling																							
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	544	489	505	455	465	435	413	351	394	336	366	276	346	236	314	295	261	282	225	247	237	205	187
0.80	600	551	541	499	524	477	467	409	434	382	404	321	381	279	357	337	304	321	266	288	277	243	222
1.00	639	594	561	525	565	502	508	453	462	414	431	355	407	313	388	367	337	350	299	320	307	274	250
1.25	673	634	575	545	603	523	547	497	485	444	455	388	432	346	417	396	368	379	331	350	338	305	278
1.50	698	663	583	558	631	537	578	531	501	465	473	412	450	372	438	418	392	401	356	374	362	329	300
2.00	731	702	591	571	670	552	622	582	522	493	498	447	477	410	467	449	427	433	394	409	397	367	333
2.50	752	728	594	579	695	561	652	617	535	511	514	470	495	437	486	470	451	456	421	433	422	393	357
3.00	768	747	596	583	714	567	675	644	544	523	525	487	508	457	499	485	468	472	441	451	441	414	375
4.00	788	772	598	589	738	574	706	680	556	540	540	510	525	484	518	505	492	494	469	475	467	442	400
5.00	801	787	600	592	754	579	726	705	563	550	550	525	537	502	529	519	507	509	488	491	484	461	417
10.00	828	821	601	597	788	587	771	759	578	571	570	557	562	543	554	547	541	541	529	526	522	504	455
20.00	842	838	600	598	805	590	796	790	585	582	581	574	576	566	567	563	560	559	553	546	543	528	476

## Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	357	328	308	283	312	270	246	217	218	193	183	148	157	119	180	153	140	132	113	132	116	103	88
0.80	409	379	341	317	357	300	290	259	250	224	214	177	188	145	205	178	164	157	135	152	135	118	99
1.00	444	415	359	337	387	317	323	291	271	245	236	198	210	164	221	195	180	175	151	164	148	128	105
1.25	475	447	373	354	415	330	354	322	289	264	256	218	230	185	235	211	196	191	167	175	160	136	110
1.50	498	472	382	365	436	340	378	348	302	279	271	235	247	201	245	223	208	204	180	184	170	142	113
2.00	524	502	388	374	460	347	410	381	315	295	289	255	266	224	255	236	222	219	196	192	180	146	114
2.50	542	523	392	380	476	351	431	405	323	306	300	270	280	241	261	245	232	230	208	198	187	150	114
3.00	554	537	393	383	487	352	447	423	329	313	308	280	290	253	265	250	239	237	217	201	191	151	113
4.00	576	562	400	392	508	360	474	453	341	328	324	300	308	277	276	264	254	252	235	211	203	159	117
5.00	592	580	407	400	523	368	494	476	351	340	336	316	323	295	286	275	267	265	249	220	213	166	122
10.00	636	629	430	426	566	393	549	538	383	376	373	361	365	347	316	309	304	302	292	249	244	190	142
20.00	669	666	451	449	599	415	589	583	409	406	404	397	398	388	342	338	335	333	328	275	272	214	162

## Working Pl.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	504	472	470	442	452	425	372	343	358	331	313	277	280	243	314	278	266	252	234	255	233	220	207
0.80	605	570	557	528	542	504	459	425	438	408	391	348	356	308	380	345	329	317	293	311	289	268	252
1.00	683	649	623	595	612	565	532	494	503	471	456	409	420	365	435	400	382	372	345	358	336	308	289
1.25	757	723	682	656	679	621	602	563	564	531	519	469	483	424	486	453	434	426	396	402	382	346	324
1.50	812	780	725	701	729	662	656	617	609	578	567	517	532	471	524	493	474	468	436	435	416	373	349
2.00	891	862	785	764	801	720	736	699	675	646	638	590	607	546	581	554	535	531	499	485	468	415	386
2.50	942	916	822	804	848	756	791	756	717	692	685	640	656	598	617	594	576	573	542	517	502	441	409
3.00	978	955	847	832	882	781	830	798	747	724	718	677	692	638	643	622	606	604	574	540	526	459	425
4.00	1000	1000	878	866	924	812	881	854	785	765	760	725	738	690	675	658	643	642	616	567	556	480	441
5.00	1000	1000	897	887	951	831	914	890	808	791	787	756	767	725	695	680	667	666	643	584	575	492	451
10.00	1000	1000	936	930	1000	870	987	972	857	847	844	826	832	806	738	729	721	720	706	622	616	519	472
20.00	1000	1000	956	953	1000	891	1000	1000	884	879	877	867	870	855	762	757	752	752	744	644	640	535	484

LM53 SHR C0-C180: 1.238 SHR C90-C270: 1.120 SHR Square: 1.252

# LEDS C4<sup>2</sup>

## Luminaire

Code 05-9683-Z5-CLV2  
Name WILSON

## Measurem.

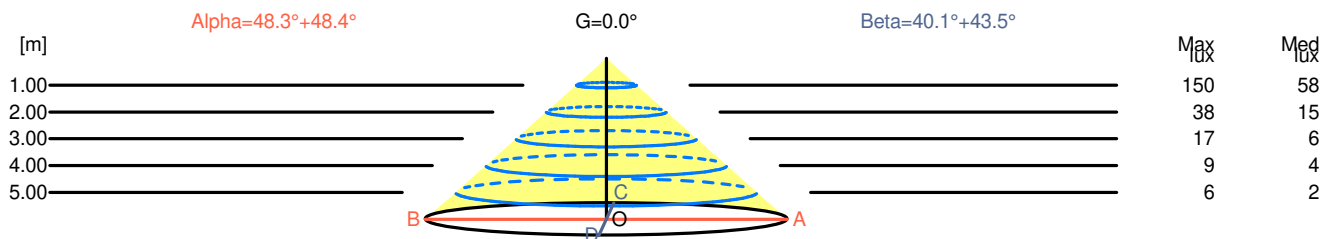
Code 05-9683-Z5-CLV2  
Name WILSON

Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.12	2.25	3.37	4.50	5.62	OC	0.84	1.69	2.53	3.37	4.22
OB	1.12	2.25	3.37	4.50	5.62	OD	0.95	1.90	2.85	3.80	4.75

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	150.13	149.98	145.42	131.66	118.16	92.43	35.59	10.35	6.18	2.81
OB	150.13	149.98	145.42	131.65	118.19	92.43	35.46	10.35	6.18	2.72
OC	150.13	149.99	143.69	126.16	91.49	56.44	25.37	12.23	9.35	1.05
OD	150.13	150.36	146.26	134.82	106.95	69.91	33.98	14.08	10.07	3.10



H[m]	D[m]	Max lux	Med lux	Alpha=48.3°+48.4°	G=0.0
1.00	2.25	150	58		
2.00	4.50	38	15		
3.00	6.75	17	6		
4.00	9.00	9	4		
5.00	11.24	6	2		

H[m]	D[m]	Max lux	Med lux	Beta=43.5°+40.1°	G=0.0
1.00	1.79	150	58		
2.00	3.58	38	15		
3.00	5.38	17	6		
4.00	7.17	9	4		
5.00	8.96	6	2		



# LEDS C4<sup>®</sup>

**Luminaire**

Code 05-9683-Z5-CLV2  
Name WILSON

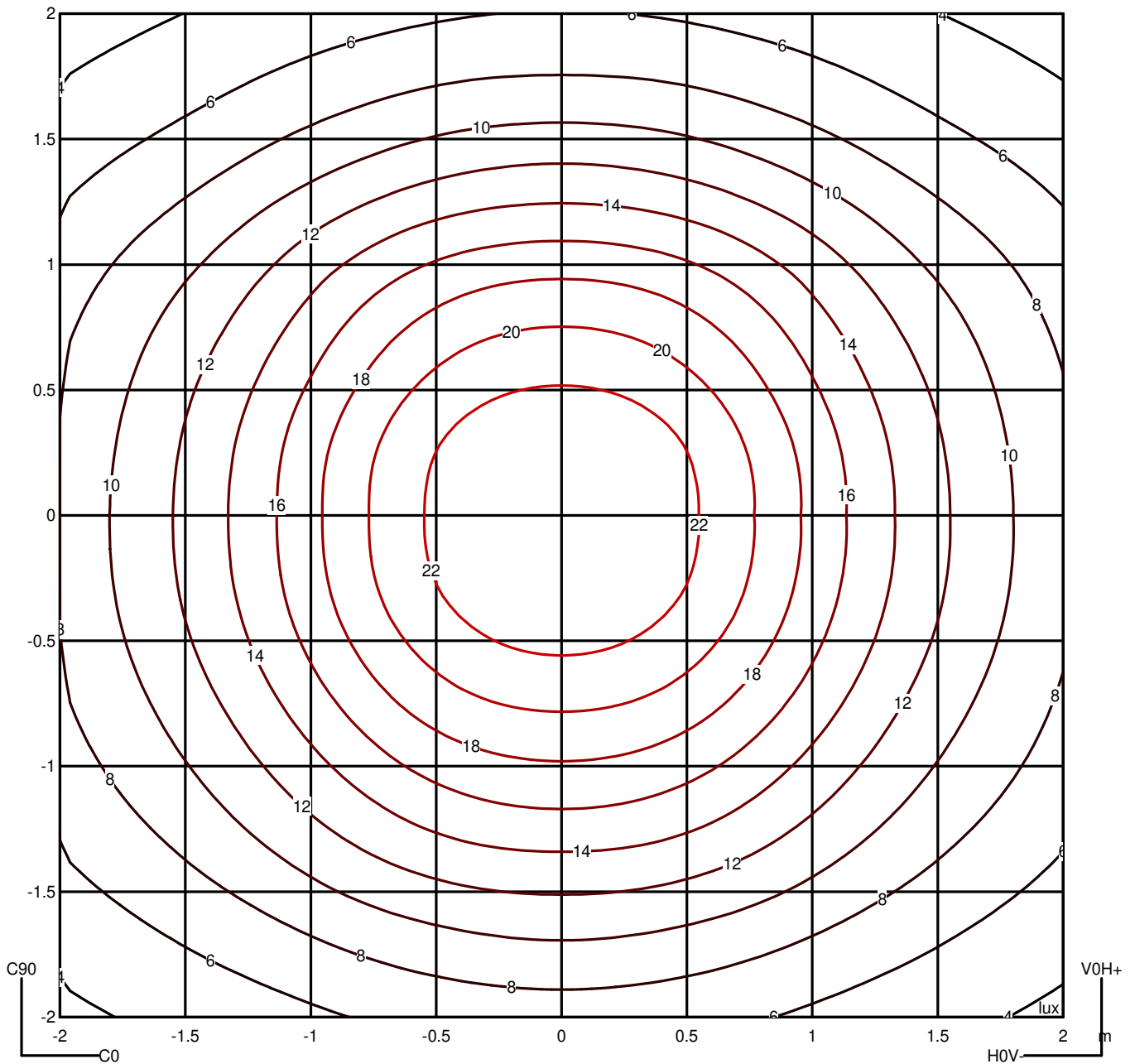
**Measur.**

Code 05-9683-Z5-CLV2  
Name WILSON

Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical

Isolux (Floor)

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



# LEDS C4<sup>2</sup>

**Luminaire**

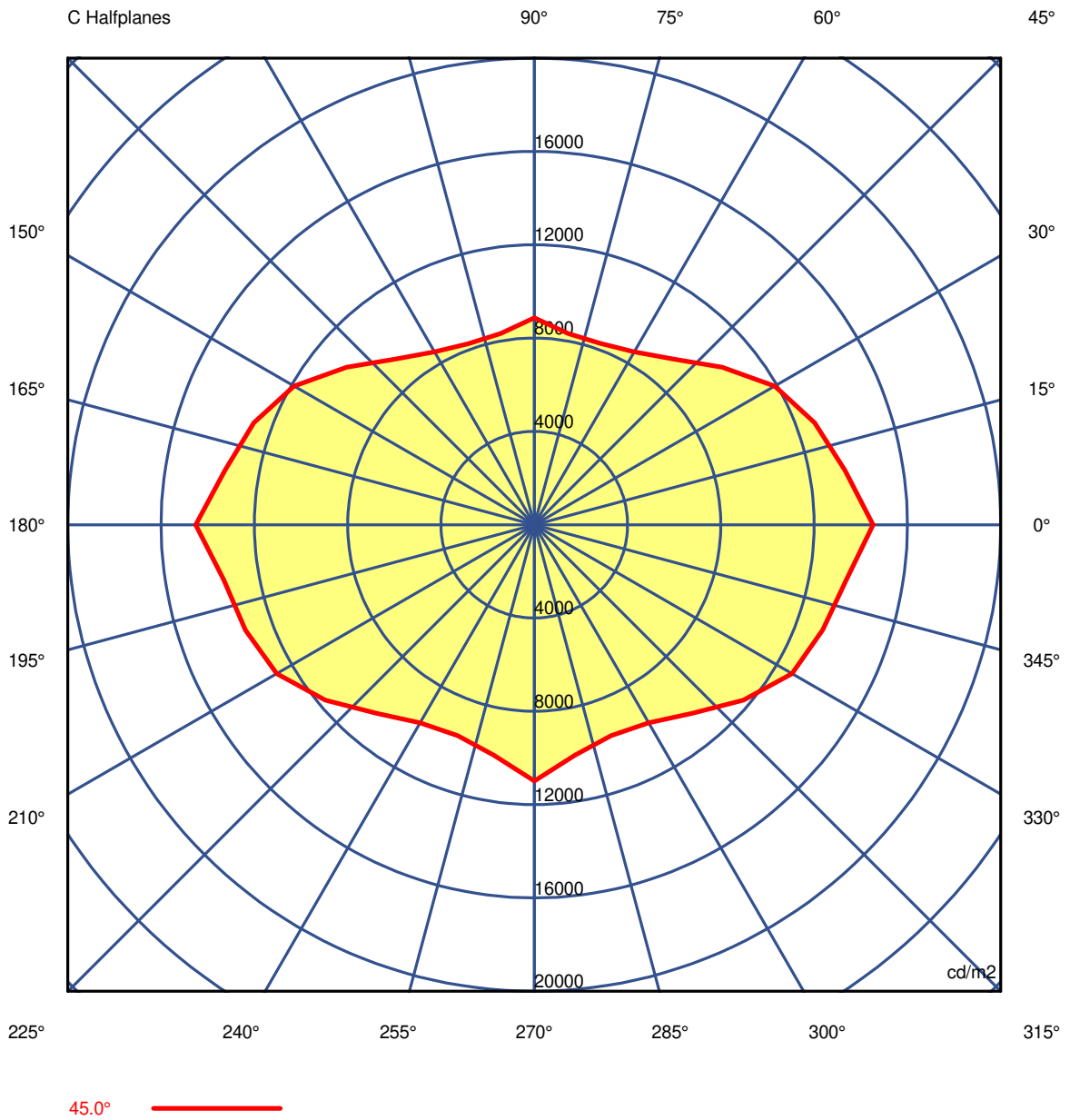
Code 05-9683-Z5-CLV2  
 Name WILSON

**Measurement**

Code 05-9683-Z5-CLV2  
 Name WILSON

Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	CG	Asymmetrical

Luminance



# LEDS C4<sup>®</sup>

## Luminaire

Code 05-9683-Z5-CLV2  
Name WILSON

## Measurement

Code 05-9683-Z5-CLV2  
Name WILSON

Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	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	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05
G 5.0	36968.25	36299.53	35797.79	35465.03	35300.07	35301.93	35469.99	35804.00	36304.22	36970.32	36304.33	35804.22	35470.31
G 10.0	33187.28	32137.99	31404.29	30936.57	30653.25	30584.99	30765.10	31205.56	31929.65	32966.37	31929.86	31205.92	30765.61
G 15.0	29829.73	28610.30	27739.14	27148.23	26779.98	26679.85	26878.73	27379.10	28224.31	29474.46	28224.62	27379.50	26879.31
G 20.0	26630.14	25348.69	24382.67	23740.55	23442.21	23453.06	23730.82	24274.30	25153.49	26496.20	25153.86	24274.68	23731.31
G 25.0	23744.18	22378.26	21372.79	20730.37	20520.62	20533.65	20635.65	20874.99	21498.83	22752.67	21499.22	20875.35	20635.90
G 30.0	21381.77	19916.21	18876.06	18183.12	17841.78	17531.86	17235.92	17276.27	17823.88	19004.82	17824.26	17276.54	17235.75
G 35.0	19542.84	18046.00	16977.90	16110.01	15235.08	14430.63	13894.74	13833.32	14201.14	15131.02	14201.52	13833.38	13894.09
G 40.0	17523.65	16144.72	15181.48	14192.67	12786.03	11644.60	11083.03	10898.75	11220.52	12132.06	11220.91	10898.47	11082.09
G 45.0	14523.52	13515.51	12781.13	11896.81	10514.98	9279.51	8563.04	8270.13	8323.71	8868.96	8324.08	8269.46	8562.28
G 50.0	10152.32	9645.48	9378.24	9005.50	8148.63	7150.05	6357.79	5949.39	5935.41	6370.48	5935.51	5948.69	6358.05
G 55.0	5485.79	5379.46	5519.65	5719.01	5623.10	5103.02	4392.40	3946.74	3753.08	3909.89	3752.58	3946.68	4394.28
G 60.0	1919.71	1994.19	2317.61	2851.73	3312.23	3193.57	2629.75	2303.63	2231.80	2380.51	2230.74	2304.45	2631.86
G 65.0	1612.94	1532.53	1451.99	1424.56	1726.04	1806.59	1622.54	1630.31	1741.18	1906.47	1741.01	1630.24	1620.63
G 70.0	1310.34	1223.16	1201.38	1173.72	1083.63	1154.23	1380.91	1528.52	1633.30	1809.59	1636.38	1524.93	1373.66
G 75.0	1004.80	940.12	934.84	929.80	899.31	971.53	1199.17	1334.71	1397.12	1520.63	1398.38	1333.59	1204.95
G 80.0	756.27	702.49	675.16	682.28	737.33	807.70	875.81	945.28	1010.86	1116.98	1001.62	954.54	899.83
G 85.0	493.91	451.27	420.10	422.98	482.56	502.51	507.37	532.79	421.33	484.65	438.41	518.15	444.17
G 90.0	209.12	176.99	158.07	147.74	142.54	140.21	146.01	164.82	165.18	162.82	165.18	164.82	146.01

# LEDS C4<sup>+</sup>

## Luminaire

Code 05-9683-Z5-CLV2  
Name WILSON

## Measurement

Code 05-9683-Z5-CLV2  
Name WILSON

Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	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	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05
G 5.0	35302.35	35300.47	35465.53	35798.67	36299.25	36968.84	36313.65	35831.48	35519.13	35370.90	35383.80	35557.44	35893.56
G 10.0	30585.69	30653.62	30937.22	31406.49	32134.64	33187.94	32160.84	31444.25	30989.17	30752.54	30738.60	30963.11	31443.09
G 15.0	26680.80	26779.50	27148.55	27744.76	28596.07	29829.73	28611.61	27802.76	27283.36	27011.83	27003.77	27275.44	27837.27
G 20.0	23453.93	23440.58	23740.00	24381.80	25324.60	26628.88	25323.10	24490.80	23970.27	23740.03	23777.89	24071.29	24634.87
G 25.0	20533.82	20518.43	20728.98	21378.37	22357.58	23742.46	22391.69	21517.47	20978.01	20772.59	20873.09	21246.88	21883.44
G 30.0	17531.20	17839.75	18181.87	18879.17	19915.89	21381.77	19995.69	19040.73	18417.97	18160.82	18246.70	18589.45	19092.19
G 35.0	14429.70	15233.87	16110.74	16983.34	18040.98	19546.80	18168.15	17139.56	16374.69	15954.89	15767.11	15714.86	15827.13
G 40.0	11644.63	12786.18	14196.38	15193.77	16130.34	17529.32	16260.61	15424.79	14698.74	13899.78	13093.86	12523.84	12489.68
G 45.0	9282.01	10515.52	11900.91	12801.49	13468.82	14523.52	13532.34	13183.07	12759.49	11696.06	10551.25	9804.45	9612.62
G 50.0	7154.52	8146.97	9003.88	9396.21	9565.14	10138.51	9579.27	9803.53	9956.71	9280.12	8266.37	7452.34	7106.55
G 55.0	5106.18	5615.23	5707.18	5527.19	5294.10	5465.52	5312.19	5815.16	6393.51	6512.34	6063.38	5357.26	4942.84
G 60.0	3190.09	3298.32	2838.92	2324.15	1950.21	1919.71	1986.46	2465.89	3152.79	3799.58	3869.92	3413.03	3030.70
G 65.0	1799.16	1717.62	1424.56	1451.99	1509.65	1612.94	1551.60	1494.40	1529.76	1915.05	2135.25	2031.24	1923.99
G 70.0	1162.61	1094.75	1173.72	1204.05	1212.27	1310.34	1235.37	1257.38	1246.47	1156.72	1251.60	1526.77	1707.07
G 75.0	1003.44	923.97	929.80	934.61	932.54	1004.80	940.11	962.79	968.86	948.66	1044.80	1303.30	1388.43
G 80.0	801.01	730.94	729.21	772.12	828.60	912.60	833.16	794.51	761.60	763.19	829.43	929.78	988.12
G 85.0	379.07	366.53	367.84	392.72	425.43	476.99	429.49	404.91	387.44	385.93	402.56	450.61	533.55
G 90.0	141.58	142.55	147.74	158.01	177.15	209.12	182.36	165.15	154.95	150.24	150.43	157.42	173.61

# LEDS C4<sup>®</sup>

## Luminaire

Code 05-9683-Z5-CLV2  
Name WILSON

## Measur.

Code 05-9683-Z5-CLV2  
Name WILSON

Luminaire Flux	622.53 lm	Luminaire Power	10.47 W	Efficacy	59.46 lm/W	Efficiency	100.00%
Sources Flux	622.53 lm	Maximum value	241.56 cd/klm	Position	C=240.00 G=5.00	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	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05	41703.05
G 5.0	36395.06	37062.85	36394.95	35893.34	35557.12	35383.39	35370.50	35518.62	35830.60	36313.93
G 10.0	32198.54	33253.51	32198.32	31442.73	30962.60	30737.90	30752.18	30988.51	31442.06	32164.19
G 15.0	28725.30	30002.77	28724.98	27836.86	27274.86	27002.82	27012.32	27283.04	27797.14	28625.83
G 20.0	25554.60	26941.14	25554.21	24634.47	24070.79	23777.02	23741.66	23970.82	24482.99	25347.19
G 25.0	22861.94	24314.35	22861.54	21883.05	21246.62	20872.92	20774.79	20979.40	21511.88	22412.37
G 30.0	19851.82	21147.15	19851.41	19091.90	18589.63	18247.41	18162.90	18419.22	19037.61	20006.18
G 35.0	16423.19	17688.03	16422.78	15827.07	15715.55	15768.11	15956.15	16373.95	17134.11	18173.17
G 40.0	12945.42	13940.68	12945.01	12489.97	12524.83	13093.85	13899.56	14694.90	15412.47	16275.03
G 45.0	10031.04	10985.53	10030.66	9613.32	9805.25	10548.66	11695.31	12755.18	13162.64	13579.07
G 50.0	7193.68	7751.92	7193.58	7107.28	7452.07	8261.74	9281.67	9958.42	9785.60	9659.56
G 55.0	4885.17	5237.66	4885.67	4942.87	5355.27	6060.10	6520.50	6406.04	5807.87	5397.38
G 60.0	2871.11	3030.56	2872.17	3029.81	3410.84	3873.62	3814.13	3166.36	2459.60	2030.31
G 65.0	1968.94	2195.02	1969.16	1924.02	2033.13	2143.04	1923.84	1529.76	1485.28	1574.50
G 70.0	1816.55	1993.62	1813.56	1710.65	1533.69	1242.49	1145.05	1246.47	1254.78	1246.23
G 75.0	1485.22	1638.43	1483.83	1424.31	1297.80	1011.23	922.54	968.86	963.25	947.57
G 80.0	1012.67	1097.87	1021.59	978.54	906.65	838.71	766.12	703.86	690.21	710.93
G 85.0	550.19	544.39	535.29	537.67	511.81	532.31	506.78	437.68	430.79	458.52
G 90.0	193.94	222.30	193.94	173.61	157.42	150.43	150.24	154.95	165.15	182.20