

## Luminaire

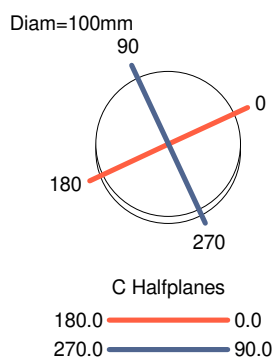
Code 10-4755-CI-23  
Name FUNK

## Measurem.

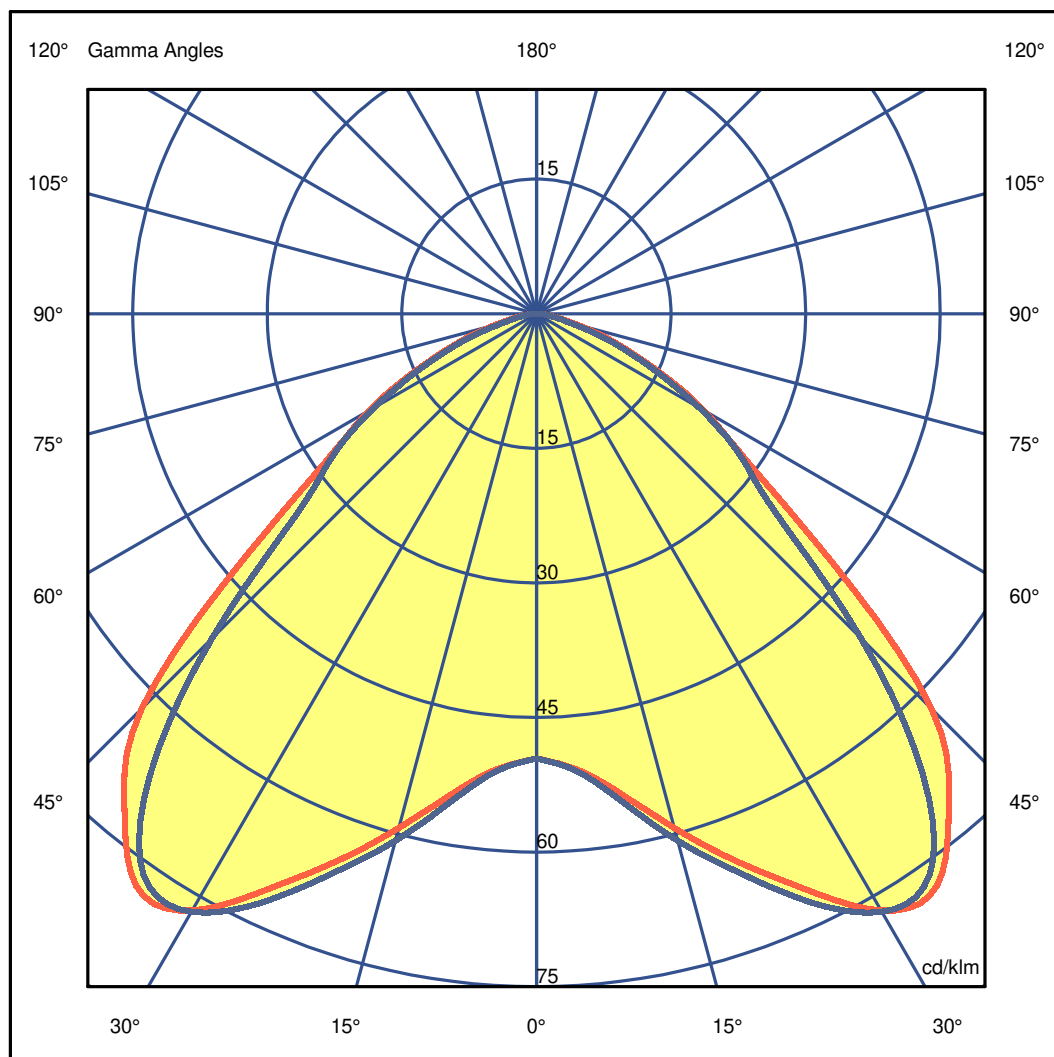
Code 10-4755-CI-23  
Name FUNK

Luminaire Flux	119 lm	Luminaire Power	60.0 W	Efficacy	1.976 lm/W	Efficiency	18.82%
Source Flux	630 lm	Maximum value	78.17 cd/klm	Position	C=45.00 G=35.00	CG	Double Symmetrical
Round Luminaire		Diam.	100 mm	Height	200 mm		
Round Luminous Area		Diam.	95 mm	Height	0 mm		
Horizontal Luminous Area		0.007088 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.001715 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		10-04-2015		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		630 lm	
Operator		Asselum T2		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	10-4755-CI-23	630.00	60.00	1
C.I.E.	58 89 99 100 19	D DIN 5040	A40		
F UTE	0.19 D	B NBN	BZ 4 / 0.6 / BZ 3		



ULOR 0.00 %  
DLOR 18.82 %  
RN 0.00 %



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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
G 0.0	49.54	49.54	49.54	49.54	49.54	49.54	49.54
G 5.0	50.95	51.21	51.04	50.93	50.94	50.82	51.15
G 10.0	54.32	55.23	54.62	54.55	55.01	54.32	55.23
G 15.0	59.32	60.37	59.66	59.81	60.08	60.03	60.80
G 20.0	64.86	65.51	65.52	64.95	66.24	65.55	66.33
G 25.0	70.73	71.85	71.72	71.74	72.19	71.51	72.37
G 30.0	76.79	76.90	77.05	76.63	77.36	75.86	76.95
G 35.0	77.82	76.59	77.08	78.17	77.73	77.42	76.35
G 40.0	71.47	69.59	69.47	68.89	69.65	67.78	66.99
G 45.0	62.25	56.91	55.45	53.79	51.95	48.64	51.17
G 50.0	42.88	36.81	38.23	34.28	36.13	33.57	35.18
G 55.0	28.64	26.89	27.34	26.80	27.53	26.91	27.89
G 60.0	21.54	19.87	20.40	19.96	20.92	20.35	20.90
G 65.0	14.61	13.24	13.60	13.65	14.31	13.65	13.94
G 70.0	9.11	7.78	7.99	8.13	8.09	8.30	8.35
G 75.0	4.73	3.98	3.95	4.02	4.10	3.99	3.88
G 80.0	2.30	1.96	2.01	2.06	1.94	2.03	1.97
G 85.0	1.09	0.91	0.81	0.86	0.86	0.88	0.86
G 90.0	0.33	0.33	0.32	0.32	0.32	0.33	0.33

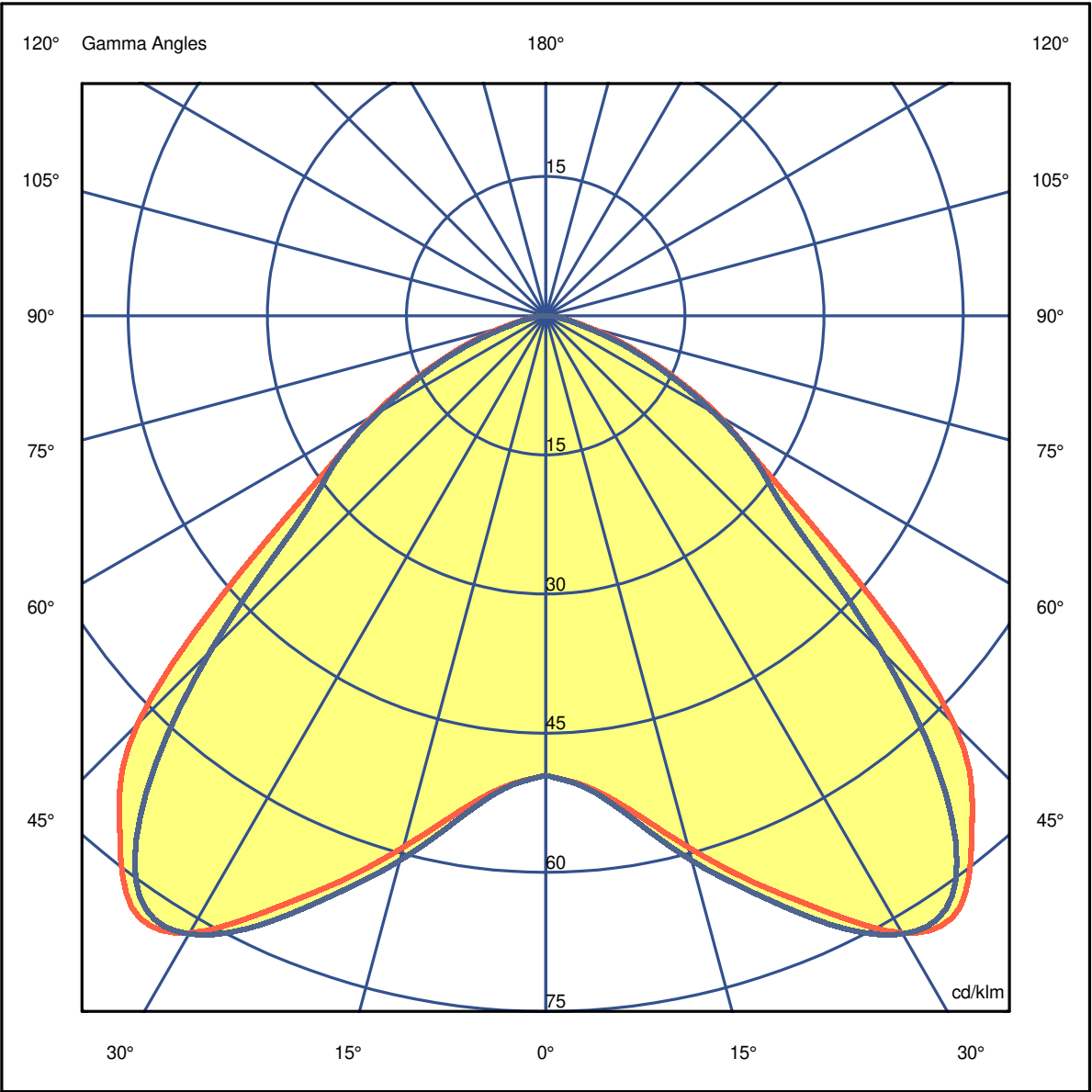
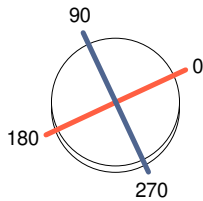
**Luminaire**  
Code 10-4755-CI-23  
Name FUNK  
**Measurem.**  
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Source Flux	630 lm	Maximum value	78.17 cd/klm	Position	C=45.00 G=35.00	CG	Double Symmetrical

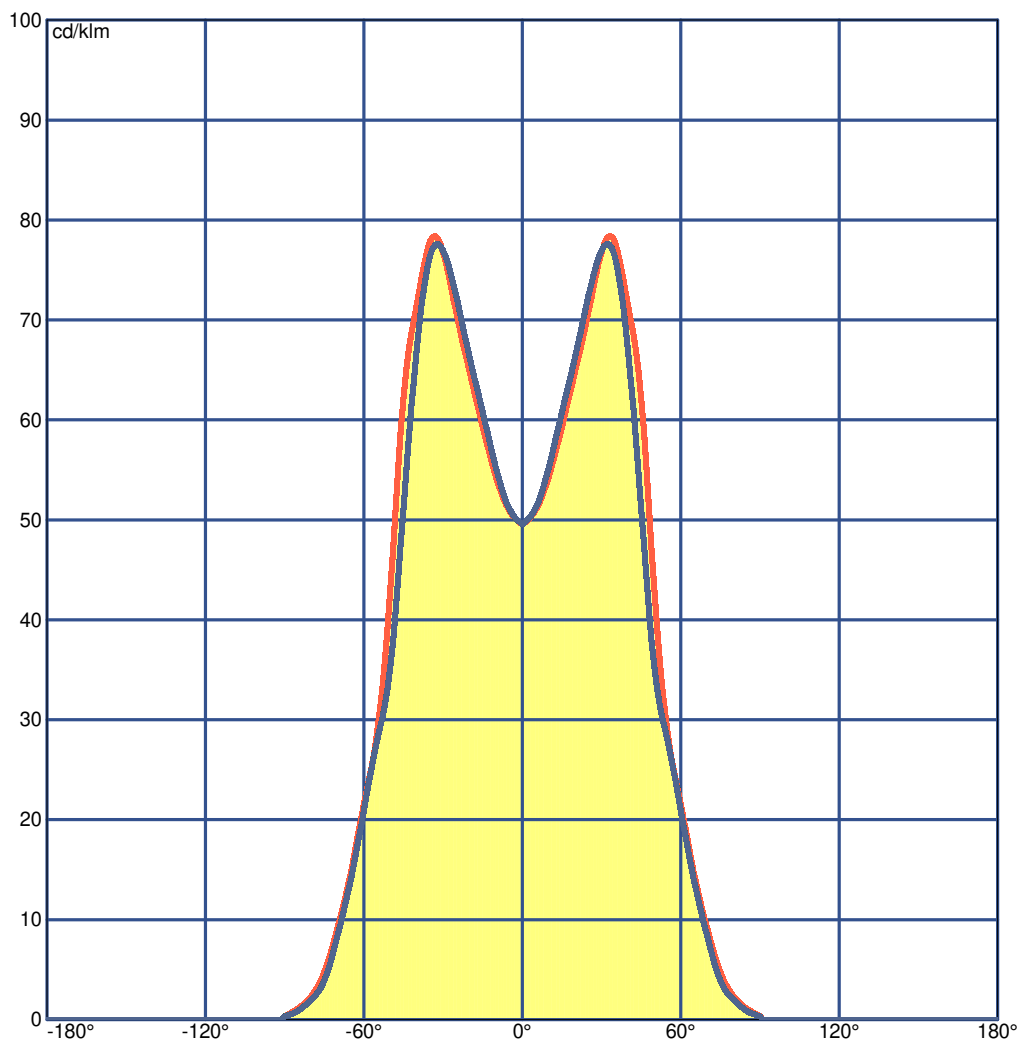
Diam=100mm

C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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## Measurement

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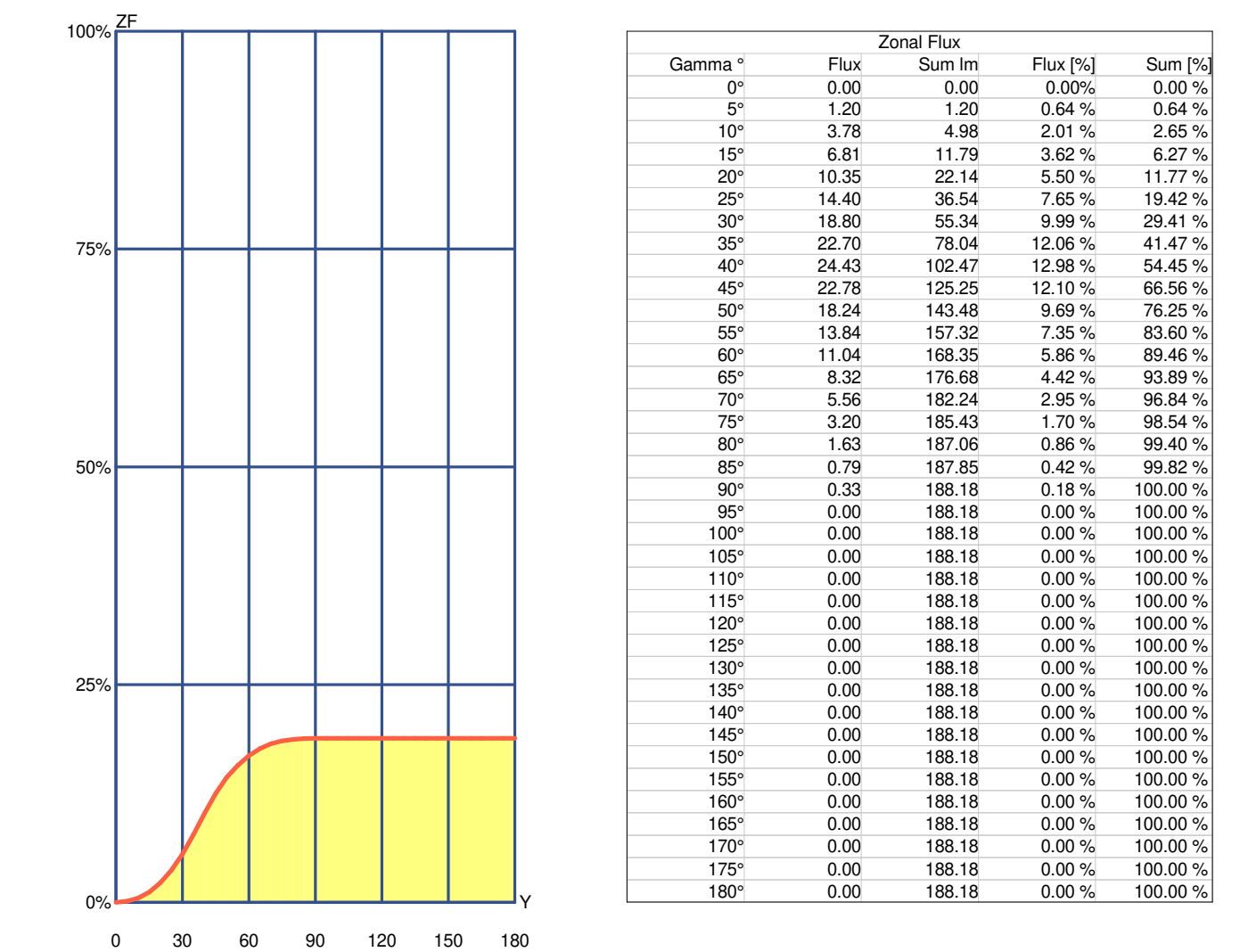
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Source Flux	630 lm	Maximum value	78.17 cd/klm	Position	C=45.00 G=35.00	CG	Double Symmetrical

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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	17.7	18.9	18.0	19.1	19.3	17.5	18.7	17.8	18.9	19.1
x=2H y=3H	18.2	19.2	18.6	19.5	19.7	18.0	19.1	18.4	19.4	19.6
x=2H y=4H	18.3	19.3	18.7	19.5	19.8	18.1	19.2	18.5	19.3	19.6
x=2H y=6H	18.3	19.2	18.7	19.5	19.9	18.1	19.1	18.5	19.3	19.7
x=2H y=8H	18.3	19.2	18.7	19.5	19.9	18.1	19.0	18.5	19.3	19.7
x=2H y=12H	18.3	19.1	18.7	19.5	19.8	18.1	18.9	18.5	19.3	19.6
x=4H y=2H	18.0	19.0	18.3	19.2	19.5	17.8	18.8	18.2	19.0	19.3
x=4H y=3H	18.6	19.4	18.9	19.7	20.0	18.5	19.3	18.8	19.6	19.9
x=4H y=4H	18.8	19.5	19.1	19.8	20.2	18.6	19.4	19.0	19.7	20.1
x=4H y=6H	18.8	19.4	19.2	19.8	20.1	18.6	19.2	19.0	19.6	20.0
x=4H y=8H	18.8	19.4	19.2	19.8	20.1	18.6	19.2	19.1	19.6	20.0
x=4H y=12H	18.8	19.4	19.3	19.7	20.2	18.7	19.2	19.1	19.6	20.0
x=8H y=4H	18.7	19.3	19.2	19.7	20.0	18.6	19.2	19.0	19.6	19.9
x=8H y=6H	18.9	19.3	19.3	19.8	20.2	18.7	19.2	19.2	19.6	20.0
x=8H y=8H	18.9	19.3	19.3	19.7	20.2	18.8	19.1	19.2	19.6	20.1
x=8H y=12H	18.9	19.2	19.4	19.7	20.2	18.7	19.1	19.2	19.6	20.1
x=12H y=4H	18.7	19.3	19.2	19.6	20.1	18.6	19.1	19.1	19.5	19.9
x=12H y=6H	18.8	19.2	19.3	19.6	20.1	18.7	19.1	19.2	19.5	20.0
x=12H y=8H	18.8	19.2	19.3	19.7	20.2	18.7	19.1	19.2	19.6	20.0

<b>Luminaire</b>							
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<b>Measurement</b>							
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Source Flux	630 lm	Maximum value	78.17 cd/klm	Position	C=45.00 G=35.00	CG	Double Symmetrical

Total Flux=630.00 Luminaire Flux=118.55																		
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	0.38	0.47	0.55	0.62	0.67	0.75	0.80	0.84	0.88	0.90	0.94	0.97						
RC	4	4	3	3	3	3	3	3	3	3	3	3						
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)	5	22	55	102	143	168	182	187	188	188	188	188	188	188	188	188	188	188
CIE Flux Codes																		
58 89 99 100 19																		
C.I.E.	4/4/3/3/3/3/3/3/3/3/3/3/3												LOR	18.81789 %				
D DIN 5040	A40												ULOR	0.00000 %				
F UTE	0.19 D												DLOR	18.81789 %				
B NBN	BZ 4 / 0.6 / BZ 3												UFF	0.00000 %				
RN	0.00000 %												DFF	100.00000 %				
BLF	1.0												FFR	0.00000 %				



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## Utilizations CIE

Mounting	Direct			Normalization				Normalised				Suspension Ratio d/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	39	35	30	27	33	26	20	17	15	13	8	6	3	2	12	7	6	3	2	6	2	2	0				
0.80	45	41	31	29	39	27	26	22	17	15	10	8	4	3	14	8	7	4	3	7	3	3	0				
1.00	49	46	31	29	43	28	30	27	18	16	11	9	6	4	15	9	9	5	4	8	4	4	0				
1.25	53	50	30	29	47	28	34	31	19	17	12	10	7	6	16	11	10	6	5	9	5	5	0				
1.50	55	53	29	28	50	27	38	35	19	18	13	11	8	7	17	12	11	7	6	10	6	6	0				
2.00	59	57	28	27	54	26	43	41	20	18	14	13	10	9	17	13	12	9	8	12	8	8	0				
2.50	61	59	26	26	57	25	47	45	20	19	15	14	11	10	18	14	13	10	10	13	10	9	0				
3.00	63	61	25	25	58	24	50	48	20	19	16	15	12	11	18	15	14	12	11	14	11	10	0				
4.00	65	64	24	24	61	23	55	53	20	19	17	16	14	13	18	16	15	13	12	15	12	12	0				
5.00	67	66	24	23	63	23	57	56	20	19	17	17	15	14	19	16	16	14	14	15	13	13	0				
10.00	71	70	22	22	67	22	64	63	20	20	19	18	17	17	19	18	18	17	16	17	16	15	0				
20.00	72	72	22	22	69	21	68	67	20	20	19	19	19	18	20	19	19	18	18	18	18	17	0				

## 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	82	80	70	69	79	68	62	61	55	54	46	45	40	39	53	45	45	39	39	45	39	39	35
0.80	91	89	75	73	87	72	71	69	60	59	52	51	45	45	59	51	51	45	45	50	45	45	40
1.00	96	94	76	75	92	74	76	74	63	62	55	54	49	48	61	54	54	48	48	53	48	48	43
1.25	100	98	77	76	95	75	81	79	65	64	58	57	52	51	63	57	56	51	51	56	51	50	45
1.50	103	101	77	76	98	75	85	83	66	65	60	59	54	53	64	58	58	53	53	57	53	52	46
2.00	105	103	75	74	100	73	89	87	66	65	60	59	56	55	64	59	59	55	54	58	54	53	46
2.50	106	104	73	72	101	71	91	89	65	65	61	60	57	56	63	59	59	56	55	58	55	54	46
3.00	106	105	71	71	101	69	93	91	65	64	61	60	57	56	62	59	59	56	55	57	55	54	46
4.00	109	108	71	70	103	69	96	95	65	65	62	61	59	58	63	60	60	58	57	59	56	55	47
5.00	111	110	71	71	105	70	99	98	66	66	64	63	61	60	64	62	61	59	59	60	58	57	48
10.00	118	117	74	74	112	73	109	108	71	71	69	69	68	67	69	67	67	66	65	65	64	62	53
20.00	124	124	78	78	118	77	116	115	76	75	75	74	74	73	73	72	72	71	71	70	69	68	58

## 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	122	119	113	112	118	111	98	96	94	93	82	82	74	74	92	82	81	74	74	81	74	74	71
0.80	142	140	131	130	138	128	118	116	112	111	101	100	92	92	110	100	99	92	92	99	92	91	88
1.00	159	156	144	143	153	141	134	132	127	125	116	115	107	107	124	114	114	107	106	113	106	106	103
1.25	173	171	156	155	167	153	149	147	140	139	130	128	122	121	137	128	128	121	120	127	120	120	117
1.50	184	181	164	163	177	161	161	158	149	148	140	139	132	131	146	138	137	131	131	136	130	129	127
2.00	199	196	175	174	191	172	177	175	163	162	155	154	148	147	159	153	152	147	146	151	145	144	142
2.50	208	206	182	181	200	179	188	186	171	170	164	163	158	157	167	162	161	157	156	159	155	154	151
3.00	214	213	186	185	207	183	196	194	176	176	171	169	166	164	173	168	167	163	163	165	162	160	158
4.00	222	221	191	190	214	188	205	203	183	182	178	177	174	173	179	175	174	171	171	172	169	167	165
5.00	227	225	193	193	218	191	211	209	186	186	182	181	179	178	182	179	179	176	175	176	173	171	169
10.00	237	236	199	198	228	196	223	222	194	193	191	191	189	188	190	188	187	186	185	184	183	180	178
20.00	242	241	201	201	233	199	230	230	198	198	196	196	195	195	194	192	192	191	191	189	188	184	182

LM53 SHR C0-C180: 1.898 SHR C90-C270: 1.801 SHR Square: 1.571

# LedsC4

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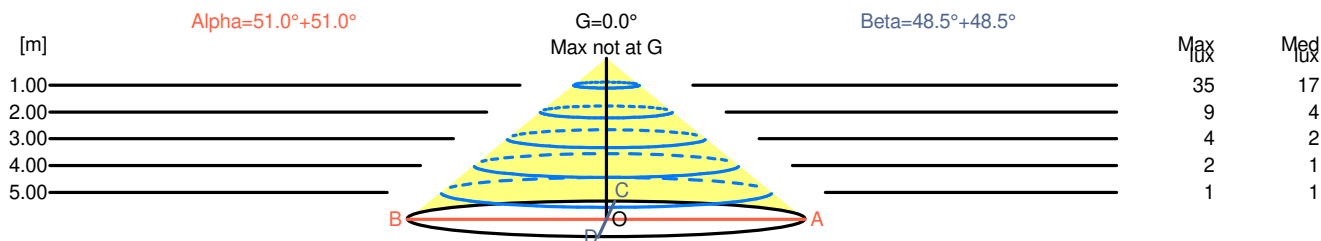
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Width at 50.00 % of Max Intensity

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	1.24	2.47	3.71	4.94	6.18	OC	1.13	2.26	3.39	4.53	5.66
OB	1.24	2.47	3.71	4.94	6.18	OD	1.13	2.26	3.39	4.53	5.66

	0	5	15	25	35	45	55	65	75	85
OA	31.21	32.10	37.37	44.56	49.02	39.22	18.04	9.21	2.98	0.69
OB	31.21	32.10	37.37	44.56	49.02	39.22	18.04	9.21	2.98	0.69
OC	31.21	32.23	38.30	45.60	48.10	32.24	17.57	8.78	2.44	0.54
OD	31.21	32.23	38.30	45.60	48.10	32.24	17.57	8.78	2.44	0.54



H[m]	D[m]	Max lux	Med lux	Alpha=51.0°+51.0°	G=0.0 Max not at G	
1.00	2.47	35	17			
2.00	4.94	9	4			
3.00	7.42	4	2			
4.00	9.89	2	1			
5.00	12.36	1	1			

H[m]	D[m]	Max lux	Med lux	Beta=48.5°+48.5°	G=0.0 Max not at G	
1.00	2.26	35	17			
2.00	4.53	9	4			
3.00	6.79	4	2			
4.00	9.05	2	1			
5.00	11.31	1	1			



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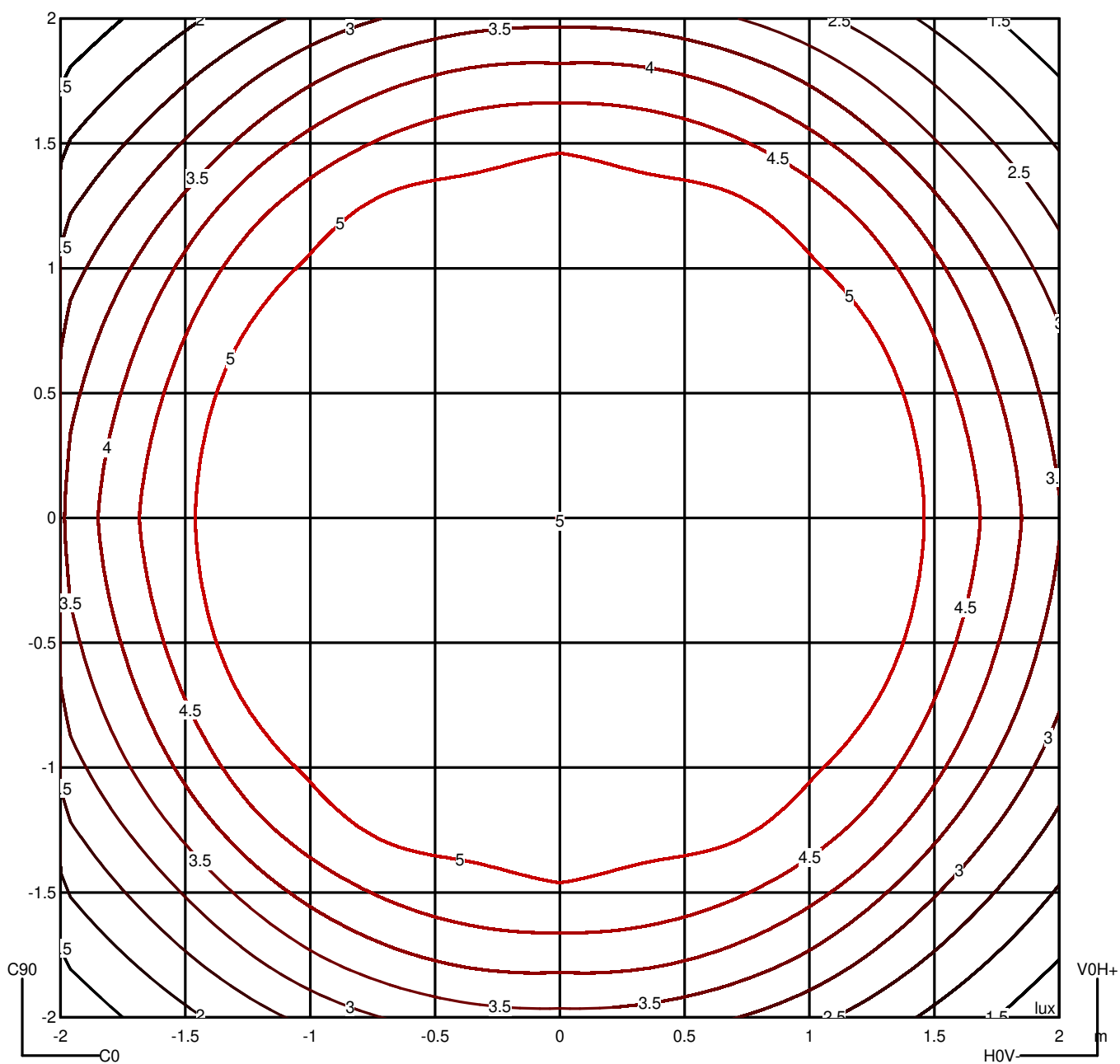
## Measurement

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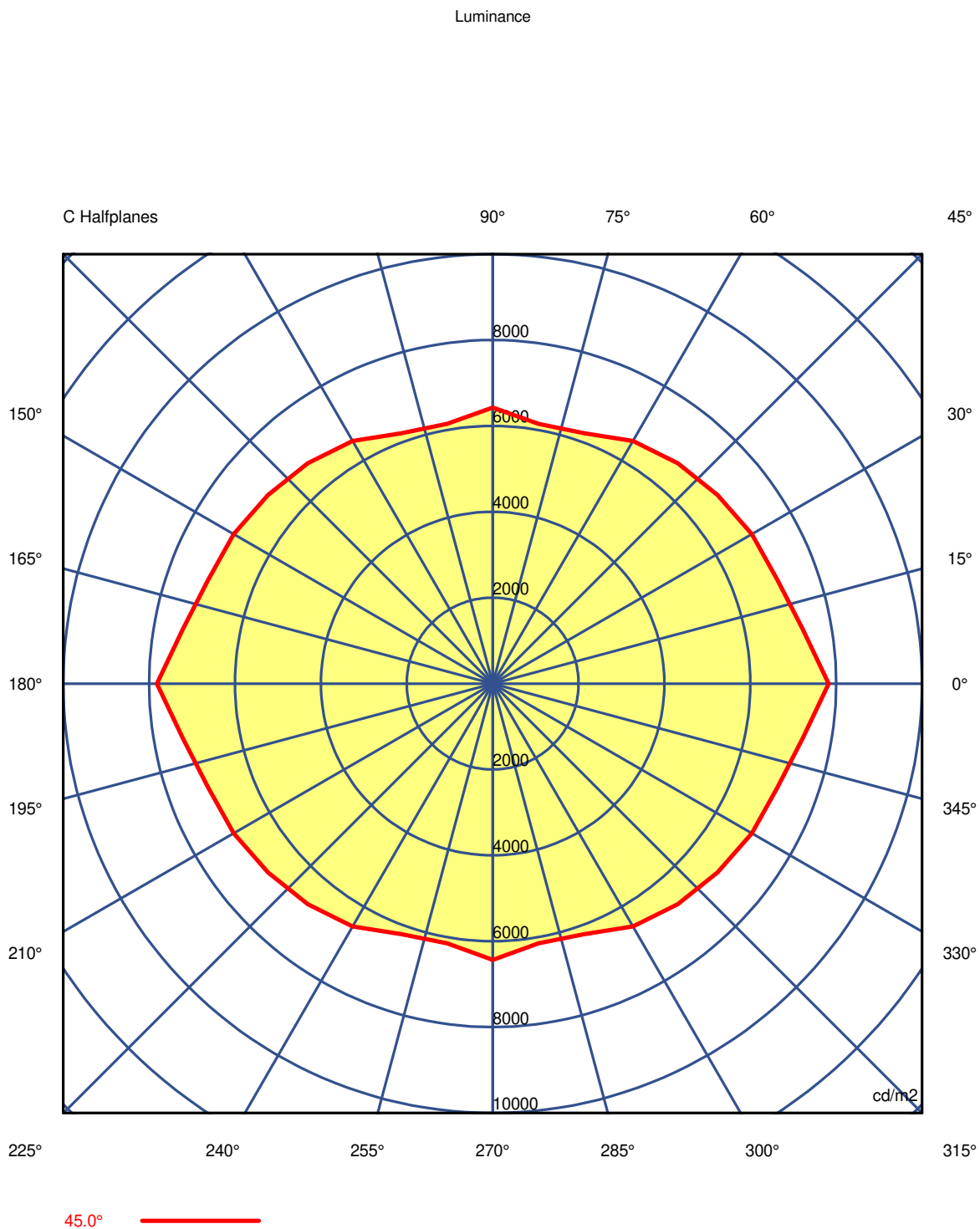
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Isolux (Floor)

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



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Source Flux		630 lm		Maximum value		78.17 cd/klm		Position		C=45.00 G=35.00		CG Double Symmetrical			
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	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	
G 5.0	4545.78	4564.91	4566.52	4553.45	4544.96	4545.18	4545.25	4538.08	4539.95	4563.90	4539.95	4538.08	4545.25	4545.25	
G 10.0	4902.84	4971.57	4975.35	4929.52	4913.50	4937.14	4964.84	4918.34	4912.37	4984.52	4912.37	4918.34	4964.84	4964.84	
G 15.0	5458.17	5540.65	5541.36	5489.42	5490.23	5516.55	5528.39	5520.61	5538.96	5594.31	5538.96	5520.61	5528.39	5528.39	
G 20.0	6135.14	6178.42	6207.67	6196.82	6161.34	6181.28	6265.66	6224.77	6204.12	6273.29	6204.12	6224.77	6265.66	6265.66	
G 25.0	6936.27	7021.80	7042.00	7033.16	7025.36	7056.27	7079.62	7030.24	7022.92	7097.57	7022.92	7030.24	7079.62	7079.62	
G 30.0	7881.18	7885.30	7903.47	7907.30	7878.94	7895.39	7939.89	7831.39	7788.84	7897.09	7788.84	7831.39	7939.89	7939.89	
G 35.0	8443.31	8339.41	8307.15	8363.23	8455.38	8477.90	8434.18	8414.35	8371.14	8284.46	8371.14	8414.35	8434.18	8434.18	
G 40.0	8291.82	8123.53	8060.87	8060.38	8000.58	8026.02	8081.41	7947.37	7811.34	7772.04	7811.34	7947.37	8081.41	8081.41	
G 45.0	7824.49	7327.27	7056.64	6969.84	6832.81	6703.71	6530.09	6206.49	6142.09	6432.10	6142.09	6206.49	6530.09	6530.09	
G 50.0	5929.35	5239.65	5133.43	5286.17	4894.20	4777.93	4996.07	4767.51	4635.04	4864.46	4635.04	4767.51	4996.07	4996.07	
G 55.0	4438.23	4217.90	4176.80	4235.92	4170.90	4183.68	4266.10	4199.18	4188.80	4322.15	4188.80	4199.18	4266.10	4266.10	
G 60.0	3828.64	3584.60	3547.65	3625.96	3561.40	3596.65	3719.19	3656.57	3620.74	3716.06	3620.74	3656.57	3719.19	3719.19	
G 65.0	3073.41	2841.36	2788.02	2859.24	2866.70	2920.94	3008.86	2919.57	2861.91	2930.91	2861.91	2919.57	3008.86	3008.86	
G 70.0	2368.09	2098.58	2009.16	2075.50	2113.16	2106.46	2101.37	2138.18	2161.35	2168.61	2161.35	2138.18	2101.37	2101.37	
G 75.0	1623.25	1427.09	1362.62	1357.33	1372.31	1392.29	1408.51	1386.05	1354.41	1332.11	1354.41	1386.05	1408.51	1408.51	
G 80.0	1179.27	1041.15	991.84	1026.88	1057.96	1033.82	995.44	1024.49	1041.31	1009.36	1041.31	1024.49	995.44	995.44	
G 85.0	1113.13	982.65	874.62	826.10	859.64	879.88	879.83	888.16	890.28	874.19	890.28	888.16	879.83	879.83	
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

## Luminaire

Code 10-4755-CI-23  
Name FUNK

## Measurment

Code 10-4755-CI-23  
Name FUNK

Luminaire Flux	119 lm		Luminaire Power		60.0 W		Efficacy		1.976 lm/W		Efficiency		18.82%	
Source Flux	630 lm		Maximum value		78.17 cd/klm		Position		C=45.00 G=35.00		CG		Double Symmetrical	
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	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	
G 5.0	4545.18	4544.96	4553.45	4566.52	4564.91	4545.78	4564.91	4566.52	4553.45	4544.96	4545.18	4545.25	4538.08	
G 10.0	4937.14	4913.50	4929.52	4975.35	4971.57	4902.84	4971.57	4975.35	4929.52	4913.50	4937.14	4964.84	4918.34	
G 15.0	5516.55	5490.23	5489.42	5541.36	5540.65	5458.17	5540.65	5541.36	5489.42	5490.23	5516.55	5528.39	5520.61	
G 20.0	6181.28	6161.34	6196.82	6207.67	6178.42	6135.14	6178.42	6207.67	6196.82	6161.34	6181.28	6265.66	6224.77	
G 25.0	7056.27	7025.36	7033.16	7042.00	7021.80	6936.27	7021.80	7042.00	7033.16	7025.36	7056.27	7079.62	7030.24	
G 30.0	7895.39	7878.94	7907.30	7903.47	7885.30	7881.18	7885.30	7903.47	7907.30	7878.94	7895.39	7939.89	7831.39	
G 35.0	8477.90	8455.38	8363.23	8307.15	8339.41	8443.31	8339.41	8307.15	8363.23	8455.38	8477.90	8434.18	8414.35	
G 40.0	8026.02	8000.58	8060.38	8060.87	8123.53	8291.82	8123.53	8060.87	8060.38	8000.58	8026.02	8081.41	7947.37	
G 45.0	6703.71	6832.81	6969.84	7056.64	7327.27	7824.49	7327.27	7056.64	6969.84	6832.81	6703.71	6530.09	6206.49	
G 50.0	4777.93	4894.20	5286.17	5133.43	5239.65	5929.35	5239.65	5133.43	5286.17	4894.20	4777.93	4996.07	4767.51	
G 55.0	4183.68	4170.90	4235.92	4176.80	4217.90	4438.23	4217.90	4176.80	4235.92	4170.90	4183.68	4266.10	4199.18	
G 60.0	3596.65	3561.40	3625.96	3547.65	3584.60	3828.64	3584.60	3547.65	3625.96	3561.40	3596.65	3719.19	3656.57	
G 65.0	2920.94	2866.70	2859.24	2788.02	2841.36	3073.41	2841.36	2788.02	2859.24	2866.70	2920.94	3008.86	2919.57	
G 70.0	2106.46	2113.16	2075.50	2009.16	2098.58	2368.09	2098.58	2009.16	2075.50	2113.16	2106.46	2101.37	2138.18	
G 75.0	1392.29	1372.31	1357.33	1362.62	1427.09	1623.25	1427.09	1362.62	1357.33	1372.31	1392.29	1408.51	1386.05	
G 80.0	1033.82	1057.96	1026.88	991.84	1041.15	1179.27	1041.15	991.84	1026.88	1057.96	1033.82	995.44	1024.49	
G 85.0	879.88	859.64	826.10	874.62	982.65	1113.13	982.65	874.62	826.10	859.64	879.88	879.83	888.16	
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

## Luminaire

Code 10-4755-CI-23  
Name FUNK

## Measurem.

Code 10-4755-CI-23  
Name FUNK

Luminaire Flux	119 lm	Luminaire Power	60.0 W	Efficacy	1.976 lm/W	Efficiency	18.82%
Source Flux	630 lm	Maximum value	78.17 cd/klm	Position	C=45.00 G=35.00	CG Double Symmetrical	

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	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30	4403.30
G 5.0	4539.95	4563.90	4539.95	4538.08	4545.25	4545.18	4544.96	4553.45	4566.52	4564.91
G 10.0	4912.37	4984.52	4912.37	4918.34	4964.84	4937.14	4913.50	4929.52	4975.35	4971.57
G 15.0	5538.96	5594.31	5538.96	5520.61	5528.39	5516.55	5490.23	5489.42	5541.36	5540.65
G 20.0	6204.12	6273.29	6204.12	6224.77	6265.66	6181.28	6161.34	6196.82	6207.67	6178.42
G 25.0	7022.92	7097.57	7022.92	7030.24	7079.62	7056.27	7025.36	7033.16	7042.00	7021.80
G 30.0	7788.84	7897.09	7788.84	7831.39	7939.89	7895.39	7878.94	7907.30	7903.47	7885.30
G 35.0	8371.14	8284.46	8371.14	8414.35	8434.18	8477.90	8455.38	8363.23	8307.15	8339.41
G 40.0	7811.34	7772.04	7811.34	7947.37	8081.41	8026.02	8000.58	8060.38	8060.87	8123.53
G 45.0	6142.09	6432.10	6142.09	6206.49	6530.09	6703.71	6832.81	6969.84	7056.64	7327.27
G 50.0	4635.04	4864.46	4635.04	4767.51	4996.07	4777.93	4894.20	5286.17	5133.43	5239.65
G 55.0	4188.80	4322.15	4188.80	4199.18	4266.10	4183.68	4170.90	4235.92	4176.80	4217.90
G 60.0	3620.74	3716.06	3620.74	3656.57	3719.19	3596.65	3561.40	3625.96	3547.65	3584.60
G 65.0	2861.91	2930.91	2861.91	2919.57	3008.86	2920.94	2866.70	2859.24	2788.02	2841.36
G 70.0	2161.35	2168.61	2161.35	2138.18	2101.37	2106.46	2113.16	2075.50	2009.16	2098.58
G 75.0	1354.41	1332.11	1354.41	1386.05	1408.51	1392.29	1372.31	1357.33	1362.62	1427.09
G 80.0	1041.31	1009.36	1041.31	1024.49	995.44	1033.82	1057.96	1026.88	991.84	1041.15
G 85.0	890.28	874.19	890.28	888.16	879.83	879.88	859.64	826.10	874.62	982.65
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

