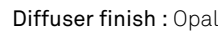
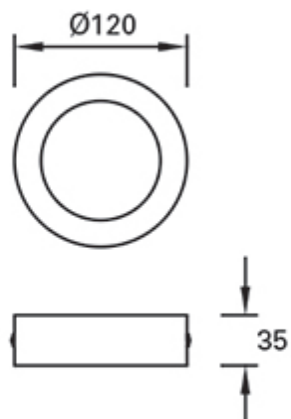


TC-0159-BLA

TECHNICAL FEATURES



40 Un



Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

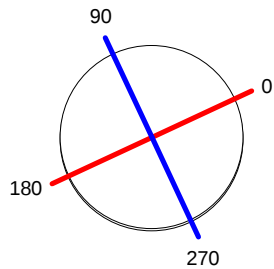
Measurem.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	120 mm	Height	3 mm		
Round Luminous Area		Diam.	76 mm	Height	0 mm		
Horizontal Luminous Area		0.004536 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°		0.001097 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		08-09-2016		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		455.67 lm	
Operator		Asselum T3		Source Voltage [V]			
Temperature		25.00 °C		Source current [A]			
Humidity		60.00 %		Photocell			
Notes							

Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		TC-0159-BLA	Name TC-0159-BLA		455.67	6.00	1
C.I.E.	47 78 95 100 100		D DIN 5040		A30		
F UTE	1.00 E		B NBN		BZ 5		

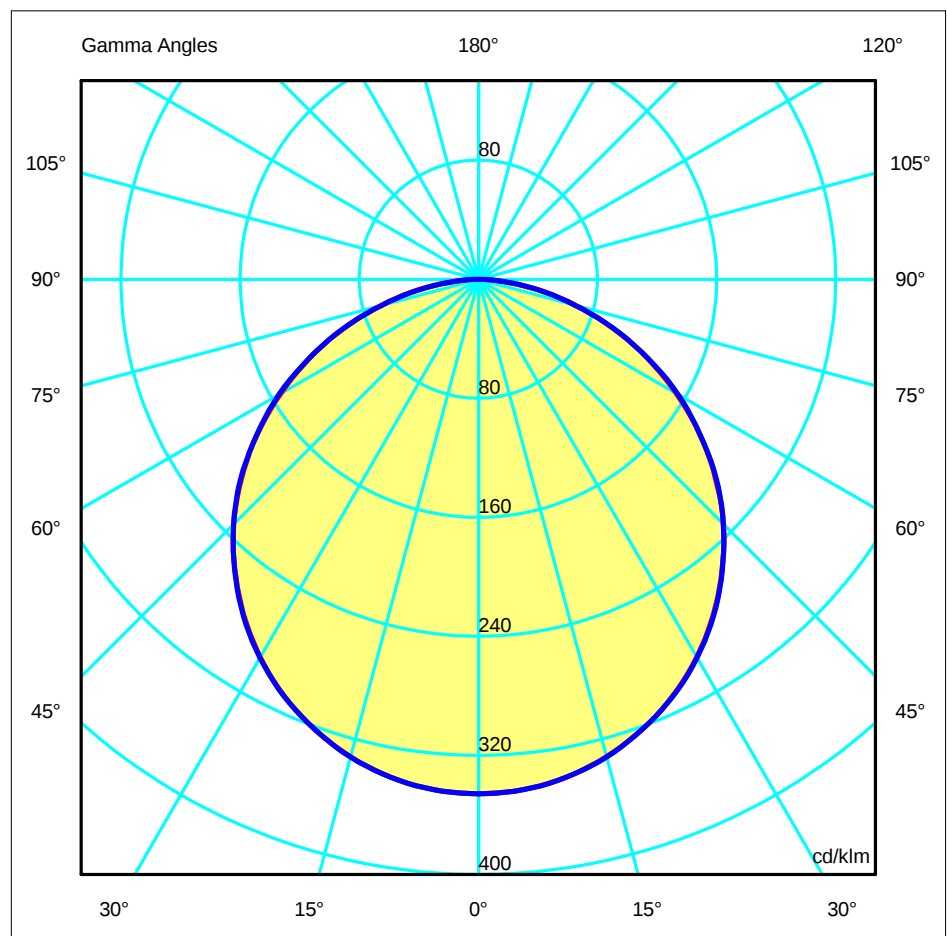
Diam=120mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

Measur.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	345.81	345.81	345.81	345.81	345.81	345.81	345.81
G 5.0	344.24	344.19	344.26	344.22	344.29	344.27	344.27
G 10.0	339.71	339.78	339.60	339.79	339.79	339.76	339.67
G 15.0	332.07	332.21	332.40	332.31	332.38	332.42	332.39
G 20.0	321.80	322.18	321.91	322.03	321.93	322.17	321.72
G 25.0	308.84	309.03	309.12	309.26	309.05	309.37	309.13
G 30.0	293.11	293.69	293.48	293.74	293.54	293.83	293.53
G 35.0	274.97	275.79	275.40	275.68	275.49	275.81	275.51
G 40.0	254.51	255.25	255.17	255.31	255.08	255.67	254.79
G 45.0	232.62	232.98	232.29	232.72	232.45	232.86	232.51
G 50.0	207.73	208.25	207.82	208.60	208.38	208.33	208.46
G 55.0	181.41	182.58	181.65	182.27	181.82	182.42	181.64
G 60.0	153.24	153.87	154.07	154.49	154.36	154.64	154.81
G 65.0	124.93	125.97	125.23	125.68	125.68	125.88	125.51
G 70.0	96.21	95.99	96.23	96.46	96.43	96.94	96.57
G 75.0	67.42	67.96	67.13	67.80	67.49	68.12	67.15
G 80.0	40.52	40.37	40.41	40.76	40.91	41.19	41.06
G 85.0	16.10	16.45	16.27	16.85	16.72	16.85	16.97
G 90.0	0.68	0.71	0.88	1.33	1.88	2.26	2.38

Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

Measur.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

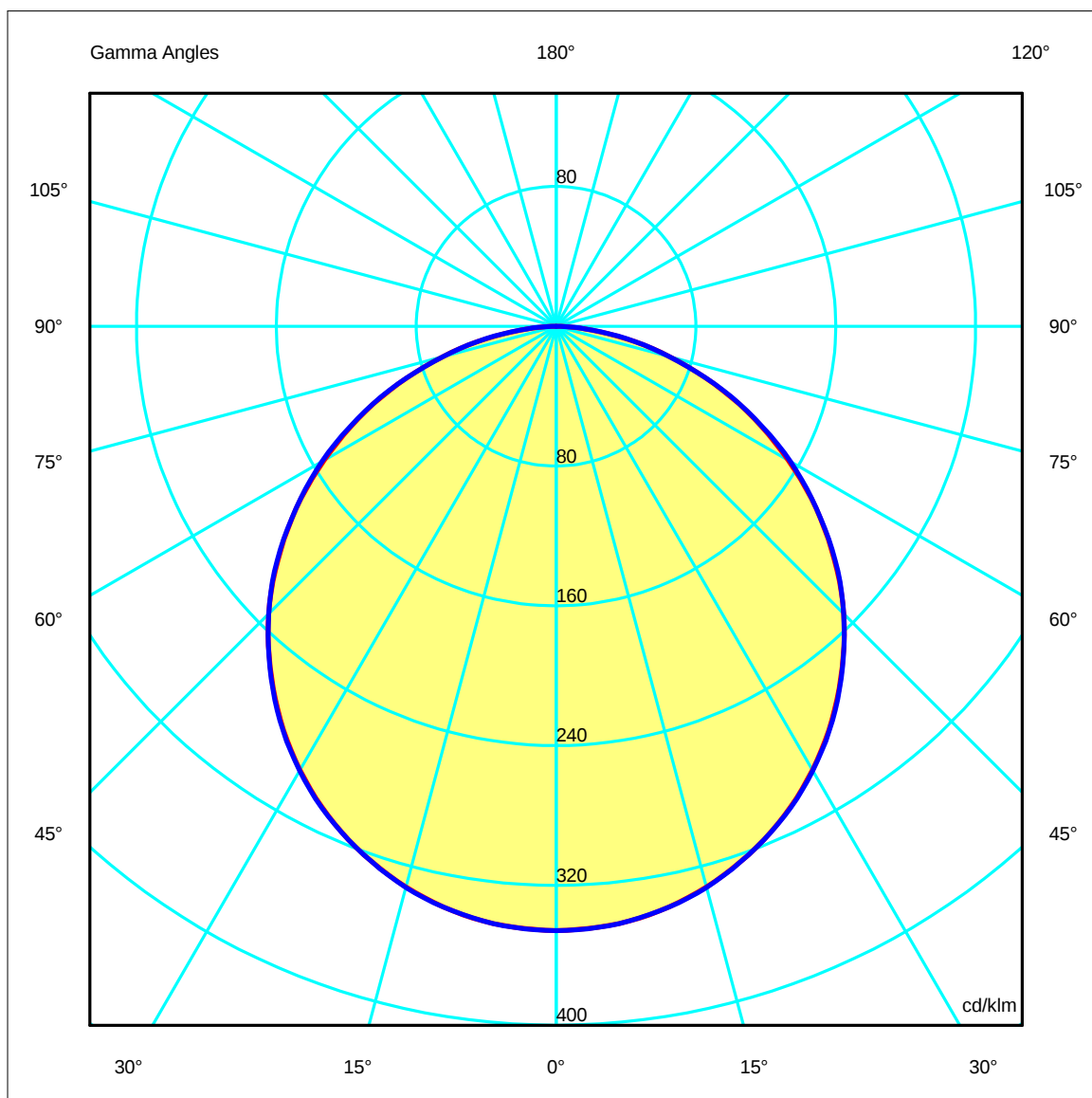
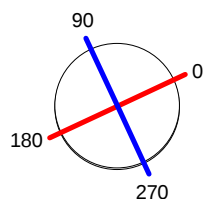
Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=120mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

Measur.

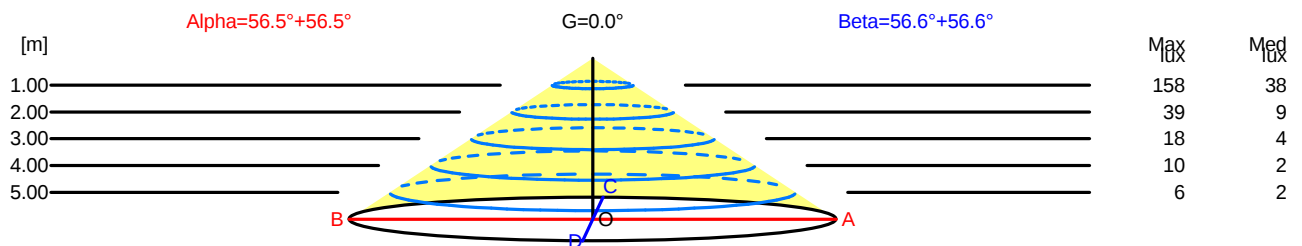
Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.51	3.03	4.54	6.05	7.56	OC	1.52	3.04	4.56	6.08	7.60
OB	1.51	3.03	4.54	6.05	7.56	OD	1.52	3.04	4.56	6.08	7.60

	0	5	15	25	35	45	55	65	75	85
OA	157.57	156.86	151.31	140.73	125.29	106.00	82.66	56.93	30.72	7.34
OB	157.57	156.86	151.31	140.73	125.29	106.00	82.66	56.93	30.72	7.34
OC	157.57	156.87	151.46	140.86	125.54	105.95	82.77	57.19	30.60	7.73
OD	157.57	156.87	151.46	140.86	125.54	105.95	82.77	57.19	30.60	7.73



H[m]	D[m]	Max lux	Med lux	Alpha=56.5°+56.5°	G=0.0	
1.00	3.03	158	38			
2.00	6.05	39	9			
3.00	9.08	18	4			
4.00	12.10	10	2			
5.00	15.13	6	2			

H[m]	D[m]	Max lux	Med lux	Beta=56.6°+56.6°	G=0.0	
1.00	3.04	158	38			
2.00	6.08	39	9			
3.00	9.12	18	4			
4.00	12.15	10	2			
5.00	15.19	6	2			

Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

Measur.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	24.5	25.8	24.8	26.1	26.3	24.5	25.8	24.8	26.1	26.3
x=2H y=3H	26.2	27.4	26.5	27.6	27.9	26.2	27.4	26.5	27.7	27.9
x=2H y=4H	26.8	28.0	27.2	28.2	28.6	26.8	28.0	27.2	28.3	28.6
x=2H y=6H	27.3	28.4	27.7	28.7	29.0	27.3	28.4	27.7	28.7	29.0
x=2H y=8H	27.5	28.5	27.8	28.8	29.1	27.5	28.5	27.9	28.8	29.1
x=2H y=12H	27.5	28.5	27.9	28.8	29.2	27.6	28.6	28.0	28.9	29.2
x=4H y=2H	25.3	26.4	25.6	26.7	27.0	25.3	26.4	25.6	26.7	27.0
x=4H y=3H	27.1	28.1	27.5	28.4	28.8	27.1	28.1	27.5	28.4	28.8
x=4H y=4H	27.9	28.8	28.3	29.1	29.5	27.9	28.8	28.3	29.1	29.5
x=4H y=6H	28.5	29.2	28.9	29.6	30.1	28.5	29.3	28.9	29.7	30.1
x=4H y=8H	28.7	29.4	29.1	29.8	30.2	28.7	29.4	29.2	29.8	30.2
x=4H y=12H	28.8	29.5	29.3	29.9	30.4	28.9	29.5	29.3	29.9	30.4
x=8H y=4H	28.2	28.9	28.7	29.3	29.8	28.3	29.0	28.7	29.3	29.8
x=8H y=6H	29.0	29.6	29.5	30.0	30.5	29.0	29.6	29.5	30.0	30.5
x=8H y=8H	29.3	29.8	29.7	30.2	30.7	29.3	29.8	29.8	30.3	30.7
x=8H y=12H	29.5	29.9	30.0	30.4	30.9	29.5	29.9	30.0	30.4	30.9
x=12H y=4H	28.3	28.9	28.7	29.3	29.8	28.3	28.9	28.7	29.3	29.8
x=12H y=6H	29.1	29.6	29.5	30.0	30.5	29.1	29.6	29.6	30.0	30.5
x=12H y=8H	29.4	29.8	29.9	30.3	30.8	29.4	29.8	29.9	30.3	30.8

Luminaire

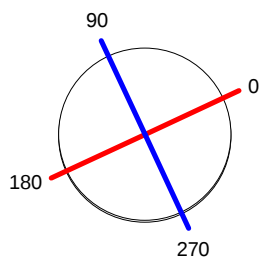
Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

Measurem.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

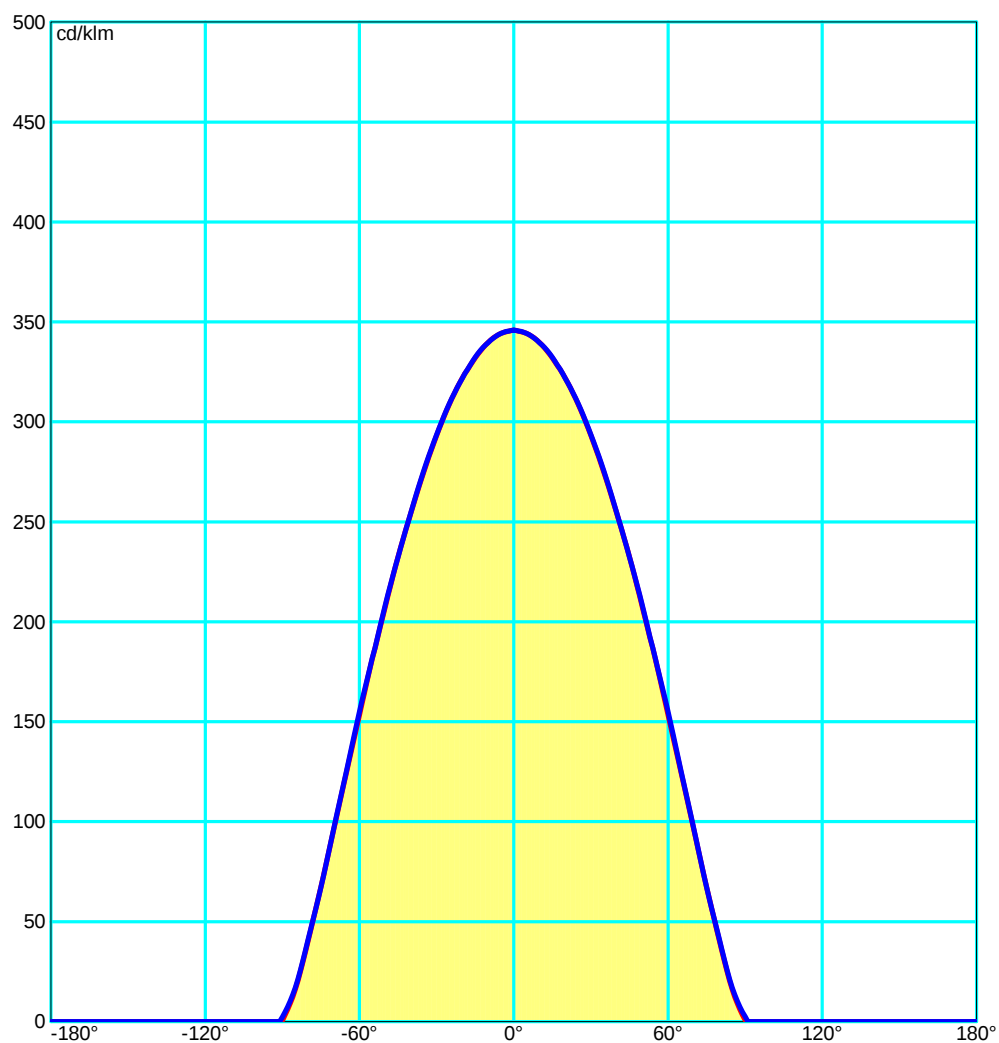
Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=120mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

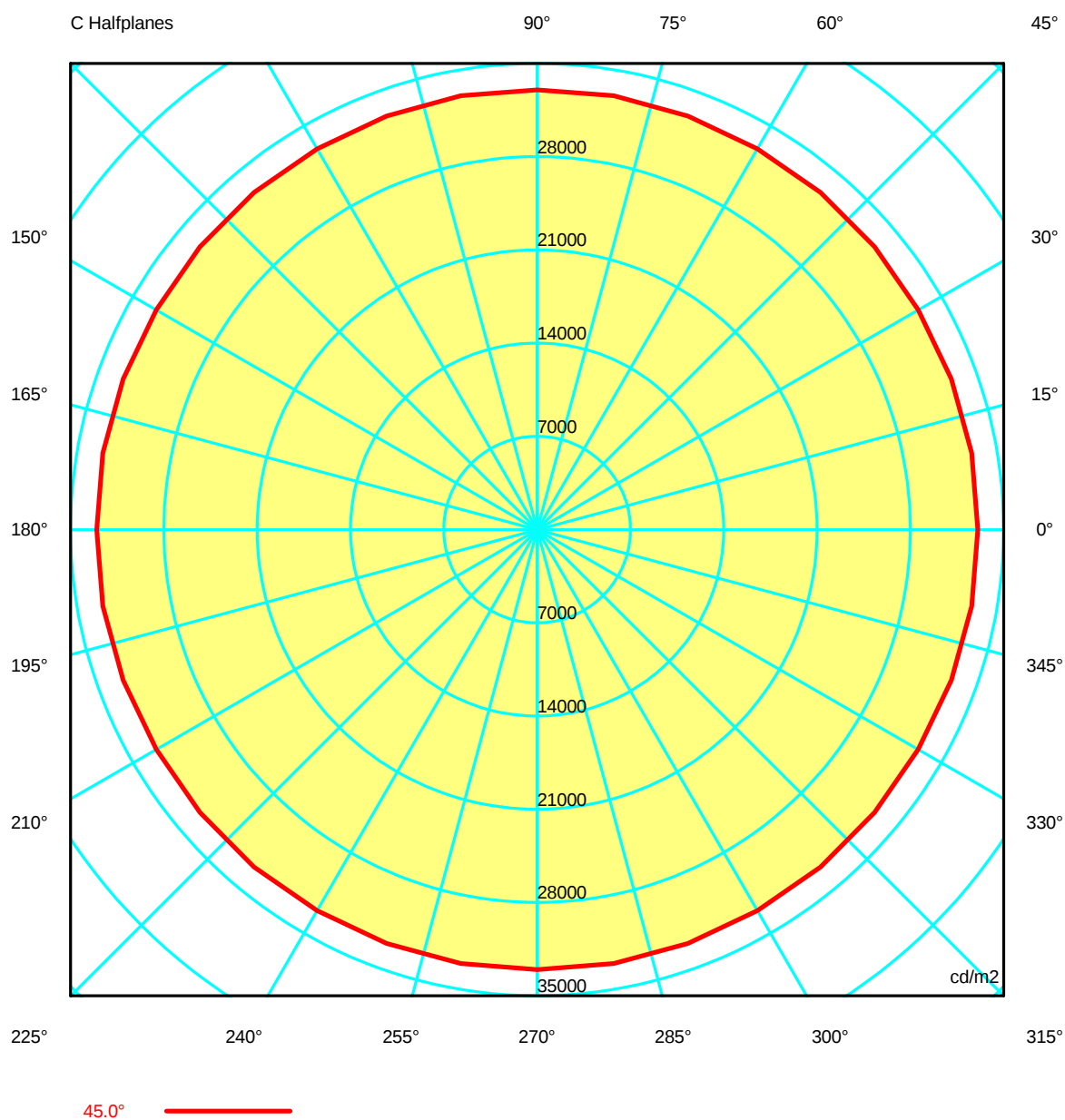
Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

Measurem.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

Measurerm.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux		455.67 lm		Luminaire Power		6.00 W		Efficacy		75.94 lm/W		Efficiency		100.00%	
Lamps Flux		455.67 lm		Maximum value		345.81 cd/klm		Position		C=0.00 G=0.00		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	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33
G 5.0	34713.32	34708.18	34710.29	34715.07	34711.91	34712.44	34717.83	34716.60	34715.97	34715.96	34715.97	34716.60	34717.83	34716.60	34717.83
G 10.0	34652.22	34661.25	34653.51	34641.56	34653.27	34660.52	34660.53	34658.97	34655.40	34647.93	34655.40	34658.97	34660.53	34658.97	34660.53
G 15.0	34534.95	34543.58	34558.28	34569.91	34563.59	34560.50	34567.69	34571.82	34571.45	34568.67	34571.45	34571.82	34567.69	34568.67	34567.69
G 20.0	34401.67	34437.28	34434.95	34412.79	34421.46	34422.91	34415.74	34435.98	34433.89	34392.78	34433.89	34435.98	34415.74	34433.89	34415.74
G 25.0	34232.38	34247.92	34256.00	34262.95	34278.10	34270.63	34255.93	34280.31	34290.55	34264.93	34290.55	34280.31	34255.93	34290.55	34255.93
G 30.0	33999.94	34056.29	34062.15	34042.60	34064.59	34067.55	34050.15	34073.12	34080.65	34049.01	34080.65	34073.12	34050.15	34080.65	34050.15
G 35.0	33720.31	33805.68	33811.22	33773.17	33795.98	33802.95	33784.69	33811.74	33821.64	33787.55	33821.64	33811.74	33784.69	33811.74	33784.69
G 40.0	33376.16	33452.16	33474.21	33462.48	33479.29	33467.44	33450.60	33509.29	33511.23	33412.58	33511.23	33509.29	33450.60	33509.29	33450.60
G 45.0	33047.27	33101.96	33066.38	33000.08	33040.84	33054.66	33023.53	33062.21	33078.99	33032.35	33078.99	33062.21	33023.53	33078.99	33023.53
G 50.0	32463.90	32538.96	32520.95	32478.67	32561.19	32589.35	32565.90	32553.38	32564.41	32578.97	32564.41	32553.38	32565.90	32578.97	32565.90
G 55.0	31772.56	31953.99	31931.21	31813.98	31886.77	31906.23	31843.94	31917.10	31933.73	31812.47	31933.73	31917.10	31843.94	31933.73	31843.94
G 60.0	30788.11	30882.38	30928.96	30953.72	31017.49	31035.40	31012.66	31045.40	31086.28	31104.20	31086.28	31045.40	31012.66	31086.28	31012.66
G 65.0	29696.54	29910.37	29898.12	29767.23	29838.56	29874.54	29875.19	29910.01	29907.52	29833.56	29907.52	29910.01	29875.19	29907.52	29875.19
G 70.0	28258.20	28203.61	28206.14	28265.60	28323.64	28328.66	28321.69	28432.25	28466.88	28363.10	28466.88	28432.25	28321.69	28466.88	28321.69
G 75.0	26169.45	26379.71	26268.50	26054.20	26231.26	26293.66	26195.18	26377.10	26390.37	26062.86	26390.37	26377.10	26195.18	26390.37	26195.18
G 80.0	23443.76	23379.40	23340.89	23377.96	23518.15	23614.34	23663.78	23784.17	23829.01	23751.32	23829.01	23784.17	23663.78	23829.01	23663.78
G 85.0	18555.13	18918.15	18873.61	18748.36	19211.87	19369.26	19270.85	19340.17	19486.11	19555.51	19486.11	19340.17	19270.85	19486.11	19270.85
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	0.00

Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

Measurerm.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux		455.67 lm		Luminaire Power		6.00 W		Efficacy		75.94 lm/W		Efficiency		100.00%	
Lamps Flux		455.67 lm		Maximum value		345.81 cd/klm		Position		C=0.00 G=0.00		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	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	
G 5.0	34712.44	34711.91	34715.07	34710.29	34708.18	34713.32	34708.18	34710.29	34715.07	34711.91	34712.44	34717.83	34716.60		
G 10.0	34660.52	34653.27	34641.56	34653.51	34661.25	34652.22	34661.25	34653.51	34641.56	34653.27	34660.52	34660.53	34658.97		
G 15.0	34560.50	34563.59	34569.91	34558.28	34543.58	34534.95	34543.58	34558.28	34569.91	34563.59	34560.50	34567.69	34571.82		
G 20.0	34422.91	34421.46	34412.79	34434.95	34437.28	34401.67	34437.28	34434.95	34412.79	34421.46	34422.91	34415.74	34435.98		
G 25.0	34270.63	34278.10	34262.95	34256.00	34247.92	34232.38	34247.92	34256.00	34262.95	34278.10	34270.63	34255.93	34280.31		
G 30.0	34067.55	34064.59	34042.60	34062.15	34056.29	33999.94	34056.29	34062.15	34042.60	34064.59	34067.55	34050.15	34073.12		
G 35.0	33802.95	33795.98	33773.17	33811.22	33805.68	33720.31	33805.68	33811.22	33773.17	33795.98	33802.95	33784.69	33811.74		
G 40.0	33467.44	33479.29	33462.48	33474.21	33452.16	33376.16	33452.16	33474.21	33462.48	33479.29	33467.44	33450.60	33509.29		
G 45.0	33054.66	33040.84	33000.08	33066.38	33101.96	33047.27	33101.96	33066.38	33000.08	33040.84	33054.66	33023.53	33062.21		
G 50.0	32589.35	32561.19	32478.67	32520.95	32538.96	32463.90	32538.96	32520.95	32478.67	32561.19	32589.35	32565.90	32553.38		
G 55.0	31906.23	31886.77	31813.98	31931.21	31953.99	31772.56	31953.99	31931.21	31813.98	31886.77	31906.23	31843.94	31917.10		
G 60.0	31035.40	31017.49	30953.72	30928.96	30882.38	30788.11	30882.38	30928.96	30953.72	31017.49	31035.40	31012.66	31045.40		
G 65.0	29874.54	29838.56	29767.23	29898.12	29910.37	29696.54	29910.37	29898.12	29767.23	29838.56	29874.54	29875.19	29910.01		
G 70.0	28328.66	28323.64	28265.60	28206.14	28203.61	28258.20	28203.61	28206.14	28265.60	28323.64	28328.66	28321.69	28432.25		
G 75.0	26293.66	26231.26	26054.20	26268.50	26379.71	26169.45	26379.71	26268.50	26054.20	26231.26	26293.66	26195.18	26377.10		
G 80.0	23614.34	23518.15	23377.96	23340.89	23379.40	23443.76	23379.40	23340.89	23377.96	23518.15	23614.34	23663.78	23784.17		
G 85.0	19369.26	19211.87	18748.36	18873.61	18918.15	18555.13	18918.15	18873.61	18748.36	19211.87	19369.26	19270.85	19340.17		
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 TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

Measur.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	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	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33	34738.33
G 5.0	34715.97	34715.96	34715.97	34716.60	34717.83	34712.44	34711.91	34715.07	34710.29	34708.18
G 10.0	34655.40	34647.93	34655.40	34658.97	34660.53	34660.52	34653.27	34641.56	34653.51	34661.25
G 15.0	34571.45	34568.67	34571.45	34571.82	34567.69	34560.50	34563.59	34569.91	34558.28	34543.58
G 20.0	34433.89	34392.78	34433.89	34435.98	34415.74	34422.91	34421.46	34412.79	34434.95	34437.28
G 25.0	34290.55	34264.93	34290.55	34280.31	34255.93	34270.63	34278.10	34262.95	34256.00	34247.92
G 30.0	34080.65	34049.01	34080.65	34073.12	34050.15	34067.55	34064.59	34042.60	34062.15	34056.29
G 35.0	33821.64	33787.55	33821.64	33811.74	33784.69	33802.95	33795.98	33773.17	33811.22	33805.68
G 40.0	33511.23	33412.58	33511.23	33509.29	33450.60	33467.44	33479.29	33462.48	33474.21	33452.16
G 45.0	33078.99	33032.35	33078.99	33062.21	33023.53	33054.66	33040.84	33000.08	33066.38	33101.96
G 50.0	32564.41	32578.97	32564.41	32553.38	32565.90	32589.35	32561.19	32478.67	32520.95	32538.96
G 55.0	31933.73	31812.47	31933.73	31917.10	31843.94	31906.23	31886.77	31813.98	31931.21	31953.99
G 60.0	31086.28	31104.20	31086.28	31045.40	31012.66	31035.40	31017.49	30953.72	30928.96	30882.38
G 65.0	29907.52	29833.56	29907.52	29910.01	29875.19	29874.54	29838.56	29767.23	29898.12	29910.37
G 70.0	28466.88	28363.10	28466.88	28432.25	28321.69	28328.66	28323.64	28265.60	28206.14	28203.61
G 75.0	26390.37	26062.86	26390.37	26377.10	26195.18	26293.66	26231.26	26054.20	26268.50	26379.71
G 80.0	23829.01	23751.32	23829.01	23784.17	23663.78	23614.34	23518.15	23377.96	23340.89	23379.40
G 85.0	19486.11	19555.51	19486.11	19340.17	19270.85	19369.26	19211.87	18748.36	18873.61	18918.15
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

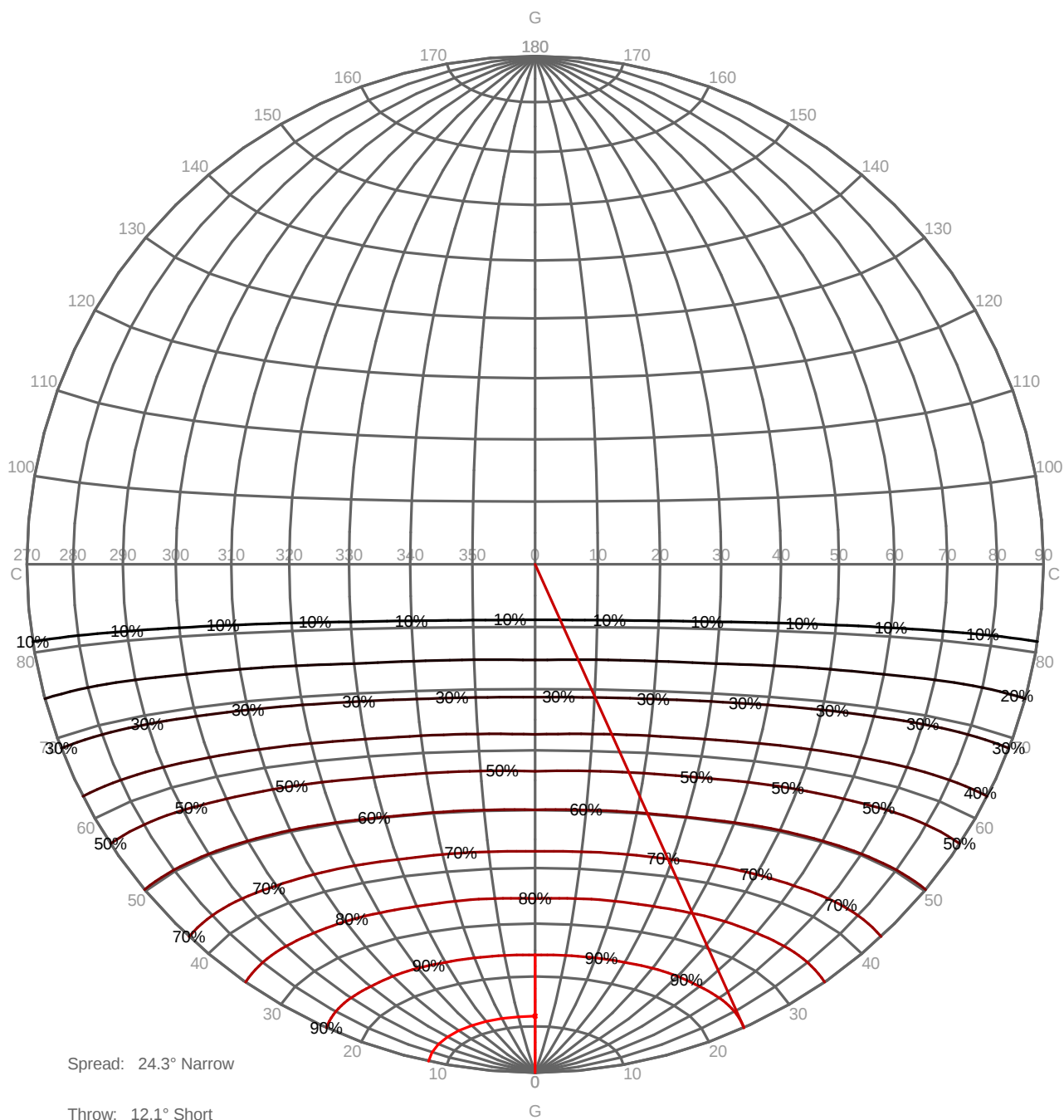
Measur.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area SLI (glare) 7.1 Tight Tilting Angle:0°



Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

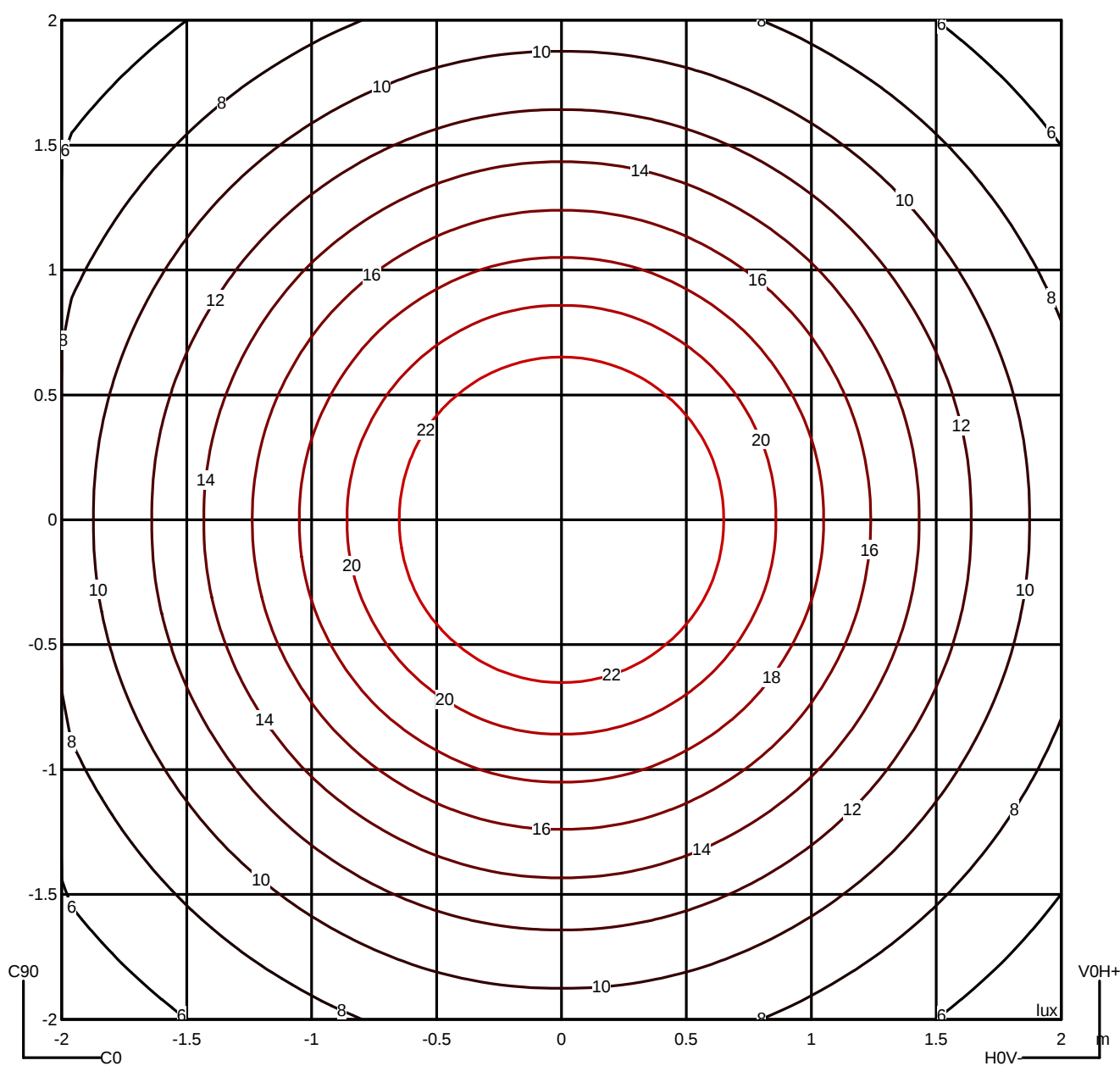
Measurem.

Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

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



Luminaire

Code TC-0159-BLA
Name Downlight FORLIGHT leds 4.6W

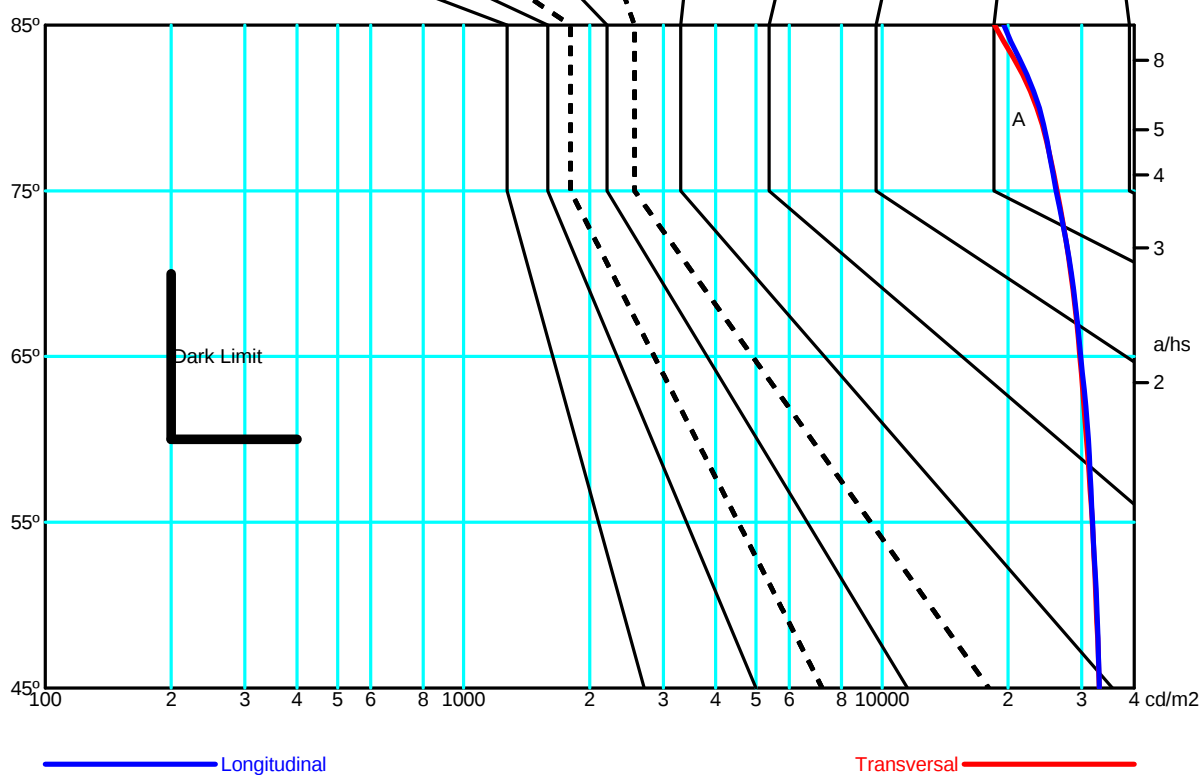
Measur.

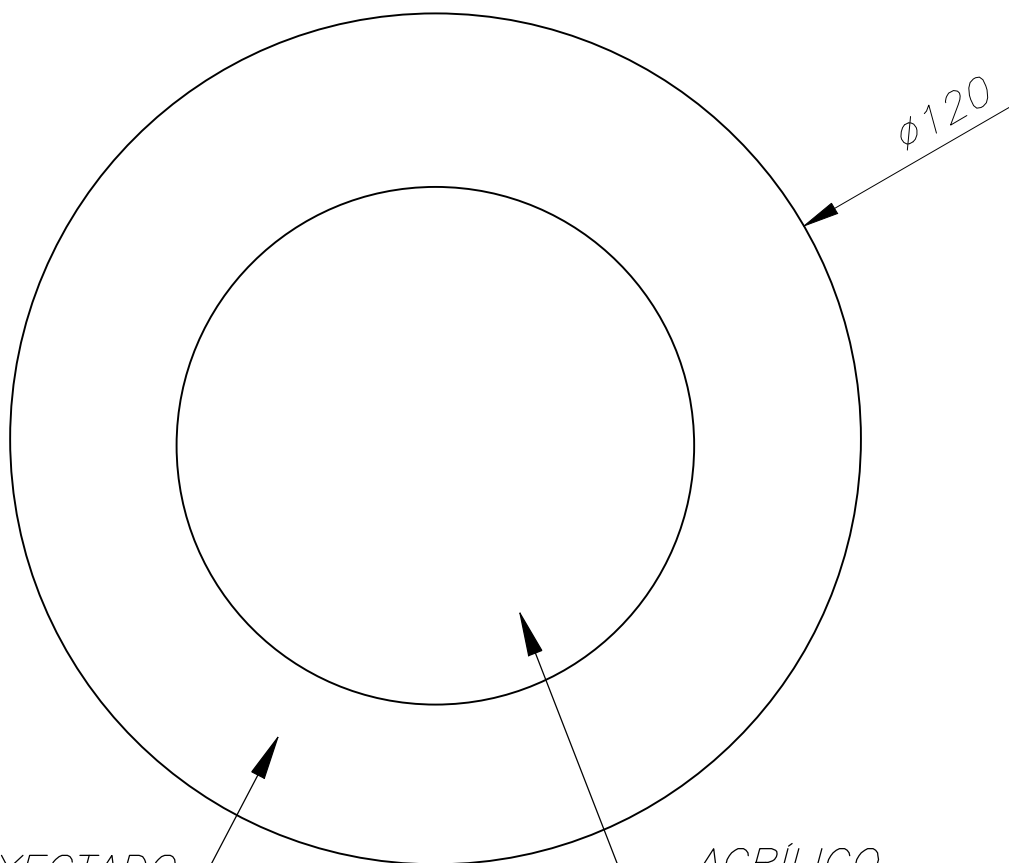
Code TC-0146-BLA
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	455.67 lm	Luminaire Power	6.00 W	Efficacy	75.94 lm/W	Efficiency	100.00%
Lamps Flux	455.67 lm	Maximum value	345.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Average Luminance [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
33047	32464	31773	30788	29697	28258	26169	23444	18555	---	
33032	32579	31812	31104	29834	28363	26063	23751	19556	---	

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



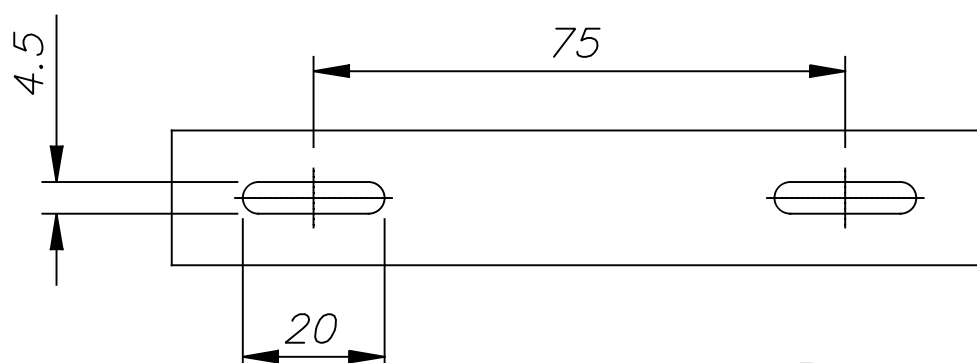


ALUMINIO INYECTADO
INJECTED ALUMINIUM

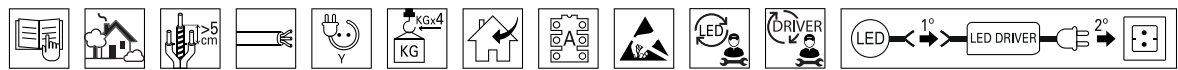
ACRÍLICO
OPAL



PLANTILLA DE INSTALACIÓN
INSTALLATION TEMPLATE



Scale 1:1



									
									
Ø120	Ø170	Ø225	Ø300	Ø400	122x122	170x170	225x225	400x400	
									
50 mm	110 mm	170 mm	235 mm	290 mm	70 mm	120 mm	170 mm	290 mm	

