

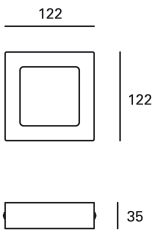
**Easy Square Surface  
122mm**

LedsC4 Team

**TC-0165-BLA**

Surface-mounted ceiling light Easy Square Surface 122mm IP23 LED 4.6W 4000K ON-OFF White 437lm

**TECHNICAL FEATURES**



Luminaire total power : 5.6W

Real lumens : 437

Nominal lumens : 580

Real lm/W : 78

Lens / reflector angle : HORIZONTAL 113°

Structure material : Aluminium

Structure finish : White

Diffuser material : Acrylic

Diffuser finish : Opal

Voltage / frequency : 100-240V ~ 50/60Hz

Dimming protocol : ON-OFF

Power Factor : 0.40

Useful life : 36.000h L70B30

Warranty : 5 Years

Easily recyclable luminaire

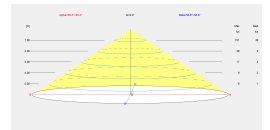
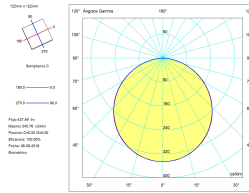
**LUMINOTECHNIC FEATURES**

CRI: 80

MacAdam steps: 3

Photobiological risk: RG1

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
LED	1	4.6W	4000K



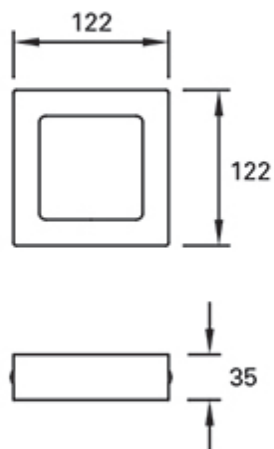
**LOGISTICS**

Net weight (kg): 0.23

Packaged weight (kg): 0.28

Packaging: 125mm x 45mm x 130mm





**Luminaire**

Code TC-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W

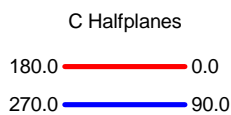
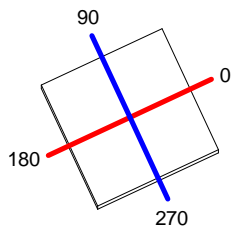
**Measur.**

Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

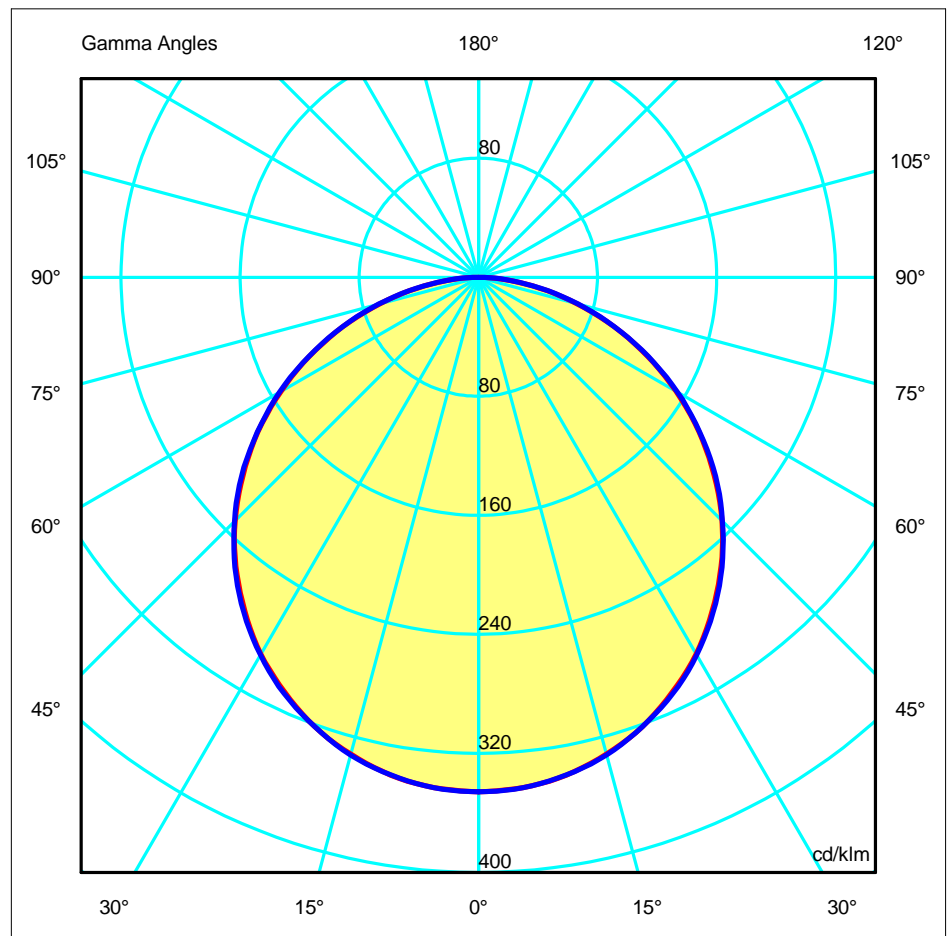
Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	122 mm	Width	122 mm	Height	3 mm
Rectangular Luminous Area		Length	72 mm	Width	72 mm	Height	0 mm
Horizontal Luminous Area	0.005184 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°	0.001254 m2		
Coordinate system	CG			Symmetry Type	Double Symmetrical		
Date	08-09-2016			Maximum Gamma Angle	90		
Measurement Distance	0.00			Measurement Flux	437.49 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-0165-BLA	Name TC-0165-BLA - 7.00 W	437.49	7.00	1
C.I.E.	47 78 95 100 100		D DIN 5040	A30		
F UTE	1.00 E		B NBN	BZ 5		

122mm x 122mm



ULOR 0.00 %  
 DLOR 100.00 %  
 RN 0.00 %





**Luminaire**

Code TC-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W

**Measur.**

Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 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	345.76	345.76	345.76	345.76	345.76	345.76	345.76
G 5.0	344.12	344.17	344.25	344.21	344.22	344.17	344.25
G 10.0	339.59	339.69	339.60	339.56	339.61	339.75	339.53
G 15.0	331.68	332.01	332.01	332.28	332.13	332.16	332.24
G 20.0	321.44	321.62	321.45	321.68	321.44	321.79	321.36
G 25.0	307.70	308.47	308.35	308.78	308.64	308.70	308.69
G 30.0	292.33	292.82	292.63	292.90	292.83	293.25	292.97
G 35.0	273.66	274.40	274.53	274.81	274.67	275.25	274.81
G 40.0	253.44	254.07	254.18	254.69	254.02	254.68	254.38
G 45.0	231.16	231.62	231.33	231.66	231.66	232.28	231.72
G 50.0	206.41	206.95	206.75	207.59	207.53	207.65	207.79
G 55.0	180.70	181.44	180.95	181.18	181.14	181.98	181.24
G 60.0	153.03	153.60	153.58	154.44	154.19	154.54	154.35
G 65.0	125.12	125.99	124.94	125.18	125.77	126.64	125.77
G 70.0	96.67	96.89	96.48	97.43	96.85	97.50	97.47
G 75.0	68.26	68.88	68.45	68.84	68.34	69.53	69.31
G 80.0	41.84	42.22	41.75	42.14	42.15	42.20	42.52
G 85.0	17.77	18.24	17.89	18.08	17.96	18.22	18.47
G 90.0	0.80	0.77	0.74	0.77	0.81	0.87	0.90

**Luminaire**

Code TC-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W

**Measur.**

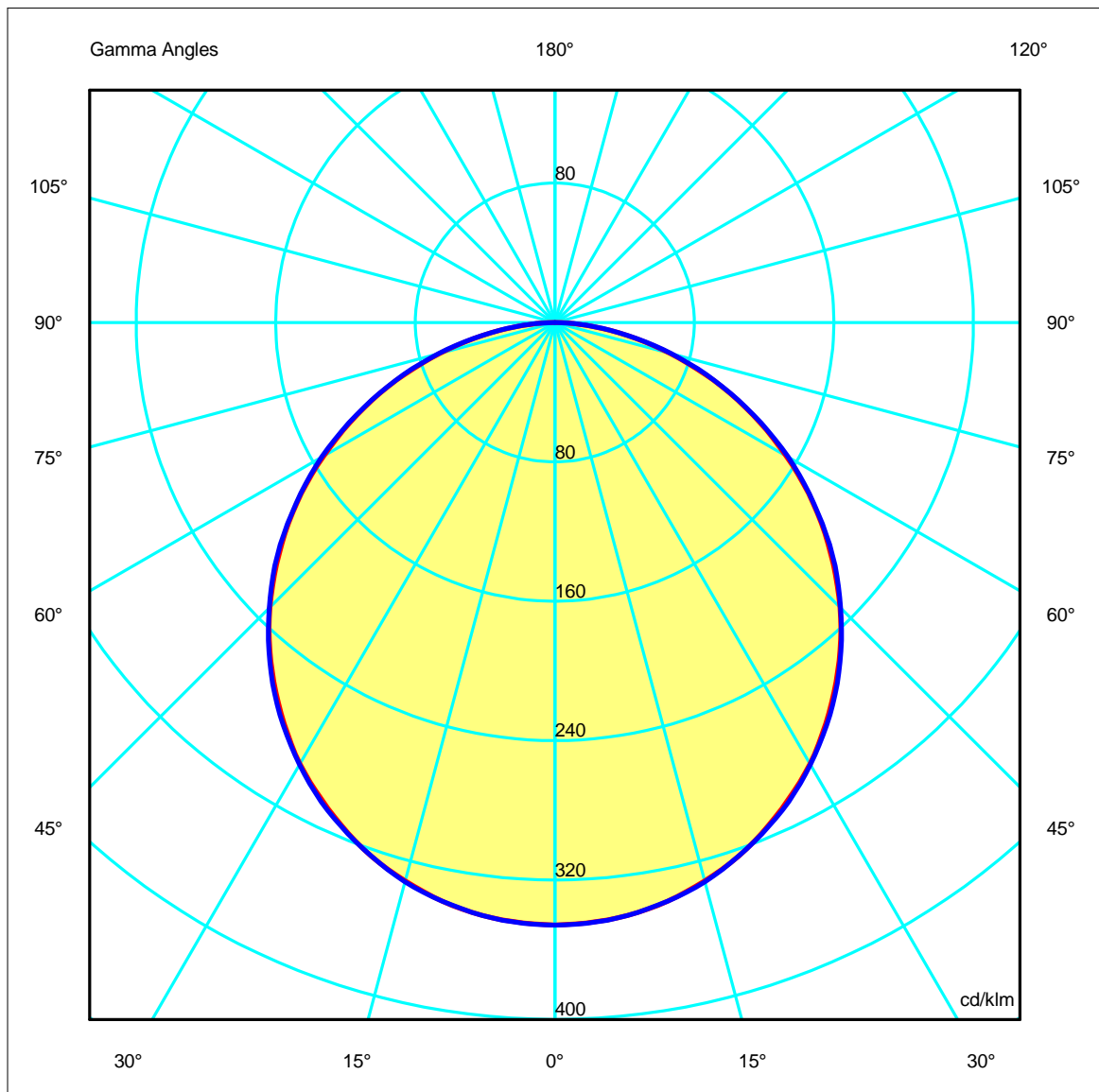
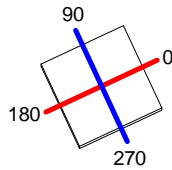
Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

122mm x 122mm

C Halfplanes

180.0 ——— 0.0  
 270.0 ——— 90.0



**Luminaire**

Code TC-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W

**Measur.**

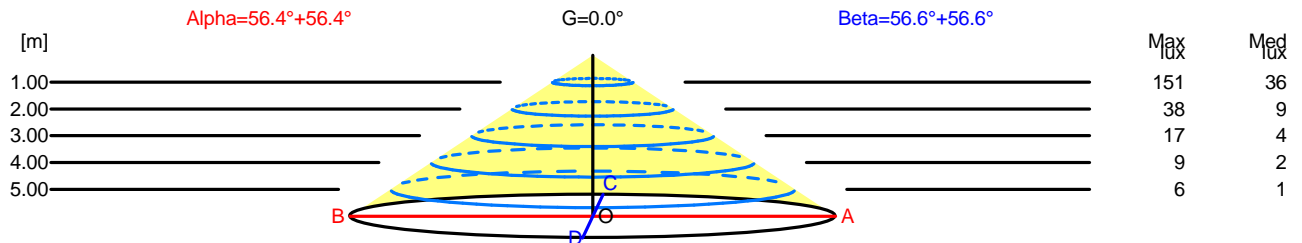
Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 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	3.01	4.52	6.03	7.54	OC	1.51	3.03	4.54	6.06	7.57
OB	1.51	3.01	4.52	6.03	7.54	OD	1.51	3.03	4.54	6.06	7.57

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	151.27	150.55	145.11	134.61	119.72	101.13	79.05	54.74	29.86	7.77
OB	151.27	150.55	145.11	134.61	119.72	101.13	79.05	54.74	29.86	7.77
OC	151.27	150.61	145.35	135.05	120.23	101.37	79.29	55.02	30.32	8.08
OD	151.27	150.61	145.35	135.05	120.23	101.37	79.29	55.02	30.32	8.08



H[m]	D[m]	Max lux	Med lux	Alpha=56.4°+56.4°	G=0.0
1.00	3.01	151	36		
2.00	6.03	38	9		
3.00	9.04	17	4		
4.00	12.06	9	2		
5.00	15.07	6	1		

H[m]	D[m]	Max lux	Med lux	Beta=56.6°+56.6°	G=0.0
1.00	3.03	151	36		
2.00	6.06	38	9		
3.00	9.09	17	4		
4.00	12.12	9	2		
5.00	15.15	6	1		



**Luminaire**

Code TC-0165-BLA  
Name Downlight FORLIGHT leds 4.6W

**Measur.**

Code TC-0152-BLA  
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 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	23.9	25.2	24.2	25.4	25.7	23.9	25.2	24.2	25.5	25.7
x=2H y=3H	25.5	26.7	25.9	27.0	27.3	25.6	26.8	25.9	27.0	27.3
x=2H y=4H	26.2	27.4	26.6	27.6	28.0	26.3	27.4	26.6	27.7	28.0
x=2H y=6H	26.7	27.8	27.1	28.1	28.5	26.8	27.8	27.1	28.1	28.5
x=2H y=8H	26.9	27.9	27.3	28.2	28.6	27.0	28.0	27.3	28.3	28.6
x=2H y=12H	27.0	28.0	27.4	28.3	28.7	27.1	28.0	27.4	28.4	28.7
x=4H y=2H	24.7	25.8	25.0	26.1	26.4	24.7	25.8	25.0	26.1	26.4
x=4H y=3H	26.5	27.5	26.9	27.8	28.2	26.5	27.5	26.9	27.8	28.2
x=4H y=4H	27.3	28.2	27.7	28.5	28.9	27.3	28.2	27.7	28.6	28.9
x=4H y=6H	27.9	28.7	28.4	29.1	29.5	28.0	28.7	28.4	29.1	29.5
x=4H y=8H	28.2	28.9	28.6	29.3	29.7	28.2	28.9	28.6	29.3	29.7
x=4H y=12H	28.3	29.0	28.8	29.4	29.8	28.4	29.0	28.8	29.4	29.8
x=8H y=4H	27.7	28.4	28.1	28.8	29.2	27.7	28.4	28.1	28.8	29.2
x=8H y=6H	28.5	29.0	28.9	29.5	29.9	28.5	29.1	28.9	29.5	29.9
x=8H y=8H	28.8	29.3	29.2	29.7	30.2	28.8	29.3	29.3	29.8	30.2
x=8H y=12H	29.0	29.4	29.5	29.9	30.4	29.0	29.5	29.5	29.9	30.4
x=12H y=4H	27.7	28.3	28.2	28.7	29.2	27.7	28.4	28.2	28.8	29.2
x=12H y=6H	28.5	29.0	29.0	29.5	30.0	28.6	29.1	29.0	29.5	30.0
x=12H y=8H	28.9	29.3	29.4	29.8	30.3	28.9	29.3	29.4	29.8	30.3

**Luminaire**

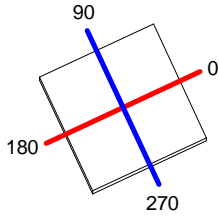
Code TC-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W

**Measur.**

Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

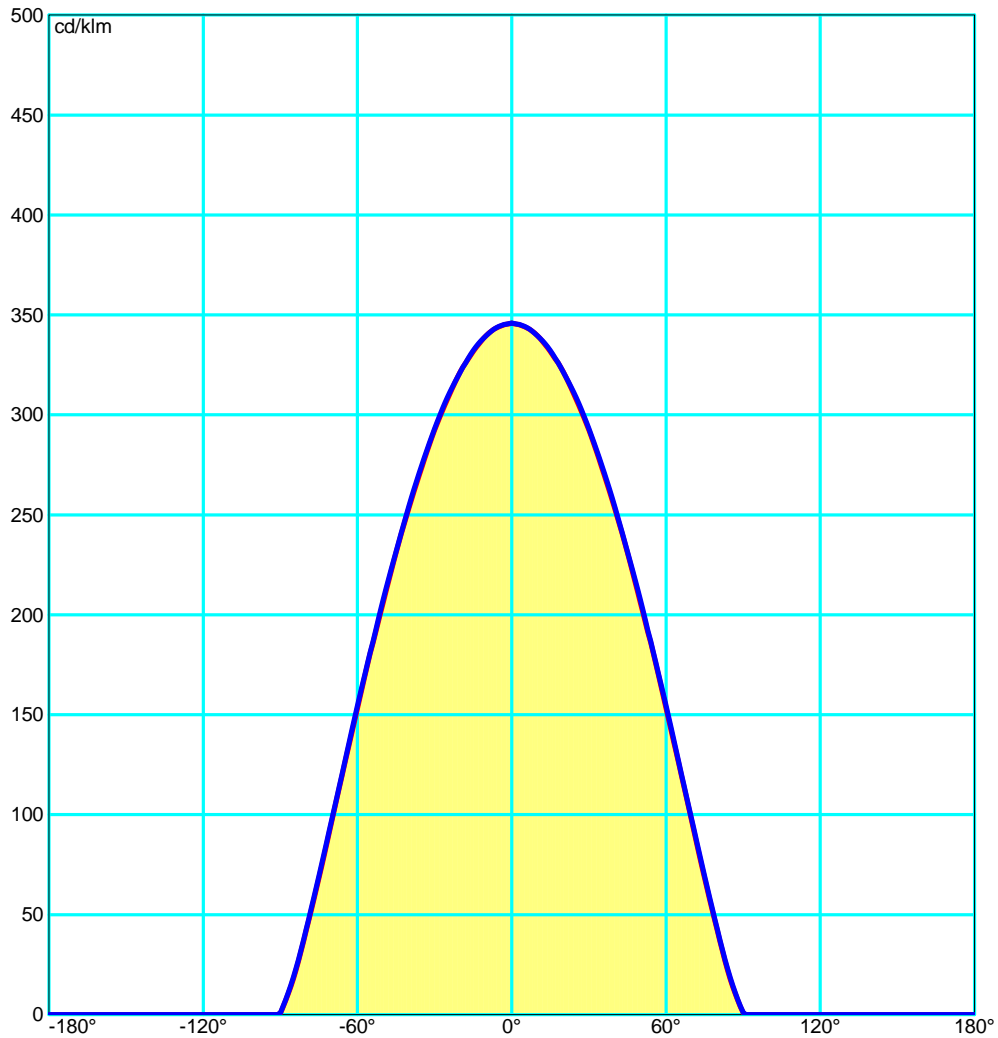
Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

122mm x 122mm



C Halfplanes

180.0 ———— 0.0  
 270.0 ———— 90.0



**Luminaire**  
 Code TC-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W  
**Measur.**  
 Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance





**Luminaire**

Code TC-0165-BLA  
Name Downlight FORLIGHT leds 4.6W

**Measur.**

Code TC-0152-BLA  
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 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	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59
G 5.0	29152.19	29154.08	29158.74	29162.79	29160.42	29159.60	29160.78	29157.20	29157.12	29163.46	29157.12	29157.20	29160.78
G 10.0	29101.28	29108.40	29107.92	29101.81	29099.01	29098.63	29102.58	29112.93	29111.89	29095.56	29111.89	29112.93	29102.58
G 15.0	28978.45	29001.61	29007.76	29007.48	29024.73	29029.37	29017.81	29018.07	29023.56	29027.29	29023.56	29018.07	29017.81
G 20.0	28868.38	28883.43	28878.67	28869.22	28885.37	28882.94	28868.33	28890.80	28895.56	28861.09	28895.56	28890.80	28868.33
G 25.0	28651.83	28709.75	28722.37	28712.29	28740.21	28748.40	28739.51	28743.19	28746.32	28743.86	28746.32	28743.19	28739.51
G 30.0	28486.72	28527.26	28530.67	28516.29	28534.69	28540.93	28535.70	28564.73	28575.80	28548.84	28575.80	28564.73	28535.70
G 35.0	28193.50	28251.53	28277.10	28283.13	28306.75	28305.98	28297.33	28340.24	28354.89	28311.86	28354.89	28340.24	28297.33
G 40.0	27920.72	27974.64	27992.59	28001.75	28051.36	28036.29	27983.96	28030.03	28061.61	28024.11	28061.61	28030.03	27983.96
G 45.0	27589.09	27636.87	27633.45	27608.54	27635.65	27648.04	27648.55	27703.61	27716.75	27655.43	27716.75	27703.61	27648.55
G 50.0	27099.32	27160.84	27159.11	27143.91	27219.21	27252.48	27247.52	27253.10	27269.81	27281.24	27269.81	27253.10	27247.52
G 55.0	26587.14	26681.37	26679.07	26624.55	26646.42	26655.55	26651.93	26743.73	26766.11	26665.89	26766.11	26743.73	26651.93
G 60.0	25828.89	25907.94	25919.69	25922.73	26027.70	26065.36	26024.56	26061.16	26086.24	26052.37	26086.24	26061.16	26024.56
G 65.0	24984.91	25146.28	25104.57	24948.57	24958.24	25029.99	25113.94	25254.04	25267.46	25115.29	25267.46	25254.04	25113.94
G 70.0	23853.90	23916.14	23857.34	23805.29	23980.66	24013.82	23897.51	23991.37	24082.28	24049.72	24082.28	23991.37	23897.51
G 75.0	22256.76	22435.30	22415.45	22318.93	22423.02	22385.89	22282.28	22538.63	22709.60	22598.70	22709.60	22538.63	22282.28
G 80.0	20336.51	20511.09	20446.21	20288.72	20403.24	20482.75	20485.14	20502.62	20553.08	20665.82	20553.08	20502.62	20485.14
G 85.0	17203.32	17600.96	17570.89	17323.39	17439.61	17486.75	17386.17	17529.33	17738.35	17881.56	17738.35	17529.33	17386.17
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-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W

**Measur.**

Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 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	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59
G 5.0	29159.60	29160.42	29162.79	29158.74	29154.08	29152.19	29154.08	29158.74	29162.79	29160.42	29159.60	29160.78	29157.20
G 10.0	29098.63	29099.01	29101.81	29107.92	29108.40	29101.28	29108.40	29107.92	29101.81	29099.01	29098.63	29102.58	29112.93
G 15.0	29029.37	29024.73	29007.48	29007.76	29001.61	28978.45	29001.61	29007.76	29007.48	29024.73	29029.37	29017.81	29018.07
G 20.0	28882.94	28885.37	28869.22	28878.67	28883.43	28868.38	28883.43	28878.67	28869.22	28885.37	28882.94	28868.33	28890.80
G 25.0	28748.40	28740.21	28712.29	28722.37	28709.75	28651.83	28709.75	28722.37	28712.29	28740.21	28748.40	28739.51	28743.19
G 30.0	28540.93	28534.69	28516.29	28530.67	28527.26	28486.72	28527.26	28530.67	28516.29	28534.69	28540.93	28535.70	28564.73
G 35.0	28305.98	28306.75	28283.13	28277.10	28251.53	28193.50	28251.53	28277.10	28283.13	28306.75	28305.98	28297.33	28340.24
G 40.0	28036.29	28051.36	28001.75	27992.59	27974.64	27920.72	27974.64	27992.59	28001.75	28051.36	28036.29	27983.96	28030.03
G 45.0	27648.04	27635.65	27608.54	27633.45	27636.87	27589.09	27636.87	27633.45	27608.54	27635.65	27648.04	27648.55	27703.61
G 50.0	27252.48	27219.21	27143.91	27159.11	27160.84	27099.32	27160.84	27159.11	27143.91	27219.21	27252.48	27247.52	27253.10
G 55.0	26655.55	26646.42	26624.55	26679.07	26681.37	26587.14	26681.37	26679.07	26624.55	26646.42	26655.55	26651.93	26743.73
G 60.0	26065.36	26027.70	25922.73	25919.69	25907.94	25828.89	25907.94	25919.69	25922.73	26027.70	26065.36	26024.56	26061.16
G 65.0	25029.99	24958.24	24948.57	25104.57	25146.28	24984.91	25146.28	25104.57	24948.57	24958.24	25029.99	25113.94	25254.04
G 70.0	24013.82	23980.66	23805.29	23857.34	23916.14	23853.90	23916.14	23857.34	23805.29	23980.66	24013.82	23897.51	23991.37
G 75.0	22385.89	22423.02	22318.93	22415.45	22435.30	22256.76	22435.30	22415.45	22318.93	22423.02	22385.89	22282.28	22538.63
G 80.0	20482.75	20403.24	20288.72	20446.21	20511.09	20336.51	20511.09	20446.21	20288.72	20403.24	20482.75	20485.14	20502.62
G 85.0	17486.75	17439.61	17323.39	17570.89	17600.96	17203.32	17600.96	17570.89	17323.39	17439.61	17486.75	17386.17	17529.33
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-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W

**Measur.**

Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 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	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59	29179.59
G 5.0	29157.12	29163.46	29157.12	29157.20	29160.78	29159.60	29160.42	29162.79	29158.74	29154.08
G 10.0	29111.89	29095.56	29111.89	29112.93	29102.58	29098.63	29099.01	29101.81	29107.92	29108.40
G 15.0	29023.56	29027.29	29023.56	29018.07	29017.81	29029.37	29024.73	29007.48	29007.76	29001.61
G 20.0	28895.56	28861.09	28895.56	28890.80	28868.33	28882.94	28885.37	28869.22	28878.67	28883.43
G 25.0	28746.32	28743.86	28746.32	28743.19	28739.51	28748.40	28740.21	28712.29	28722.37	28709.75
G 30.0	28575.80	28548.84	28575.80	28564.73	28535.70	28540.93	28534.69	28516.29	28530.67	28527.26
G 35.0	28354.89	28311.86	28354.89	28340.24	28297.33	28305.98	28306.75	28283.13	28277.10	28251.53
G 40.0	28061.61	28024.11	28061.61	28030.03	27983.96	28036.29	28051.36	28001.75	27992.59	27974.64
G 45.0	27716.75	27655.43	27716.75	27703.61	27648.55	27648.04	27635.65	27608.54	27633.45	27636.87
G 50.0	27269.81	27281.24	27269.81	27253.10	27247.52	27252.48	27219.21	27143.91	27159.11	27160.84
G 55.0	26766.11	26665.89	26766.11	26743.73	26651.93	26655.55	26646.42	26624.55	26679.07	26681.37
G 60.0	26086.24	26052.37	26086.24	26061.16	26024.56	26065.36	26027.70	25922.73	25919.69	25907.94
G 65.0	25267.46	25115.29	25267.46	25254.04	25113.94	25029.99	24958.24	24948.57	25104.57	25146.28
G 70.0	24082.28	24049.72	24082.28	23991.37	23897.51	24013.82	23980.66	23805.29	23857.34	23916.14
G 75.0	22709.60	22598.70	22709.60	22538.63	22282.28	22385.89	22423.02	22318.93	22415.45	22435.30
G 80.0	20553.08	20665.82	20553.08	20502.62	20485.14	20482.75	20403.24	20288.72	20446.21	20511.09
G 85.0	17738.35	17881.56	17738.35	17529.33	17386.17	17486.75	17439.61	17323.39	17570.89	17600.96
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

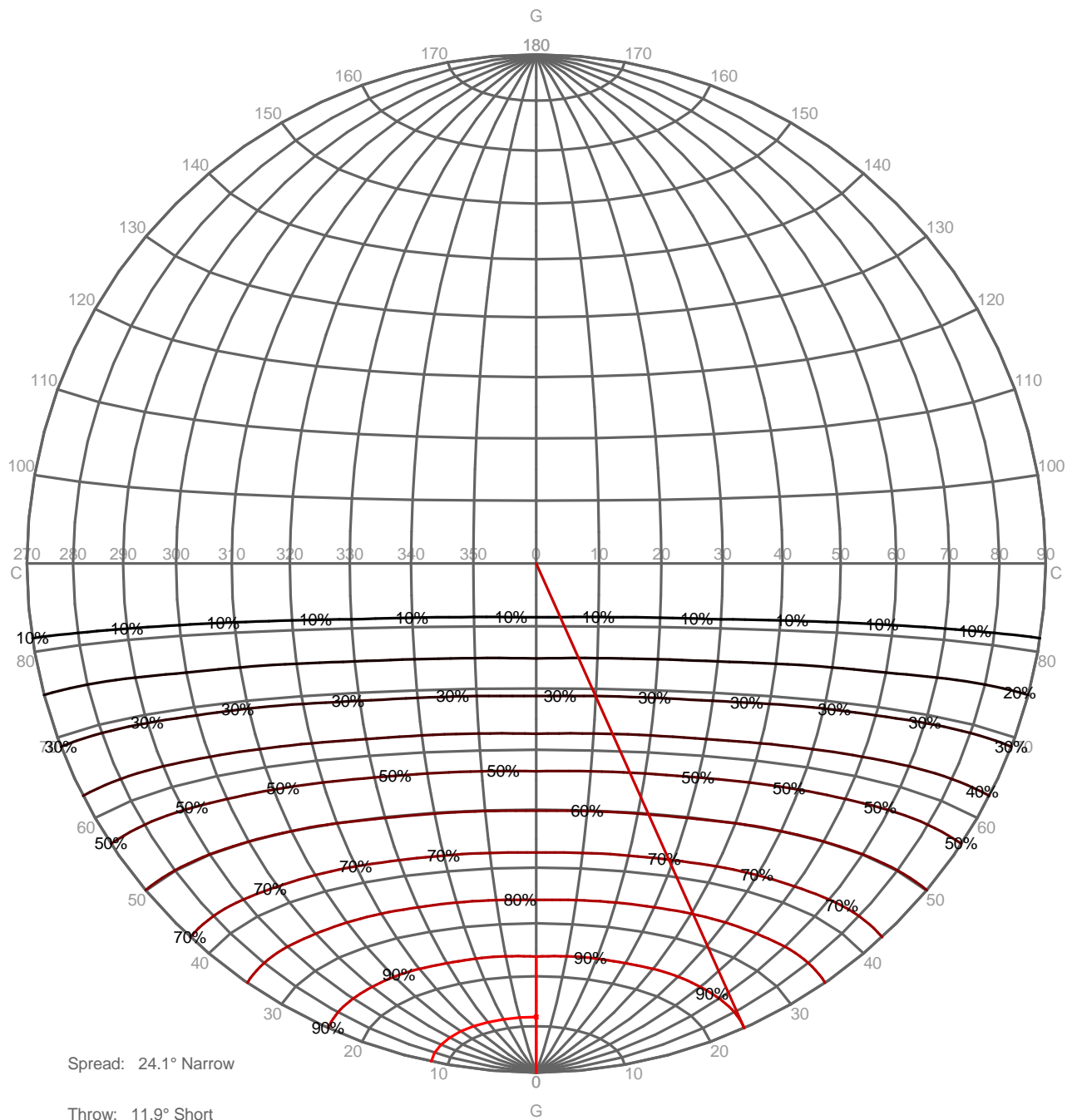


**Luminaire**  
Code TC-0165-BLA  
Name Downlight FORLIGHT leds 4.6W  
**Measur.**  
Code TC-0152-BLA  
Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 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-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W

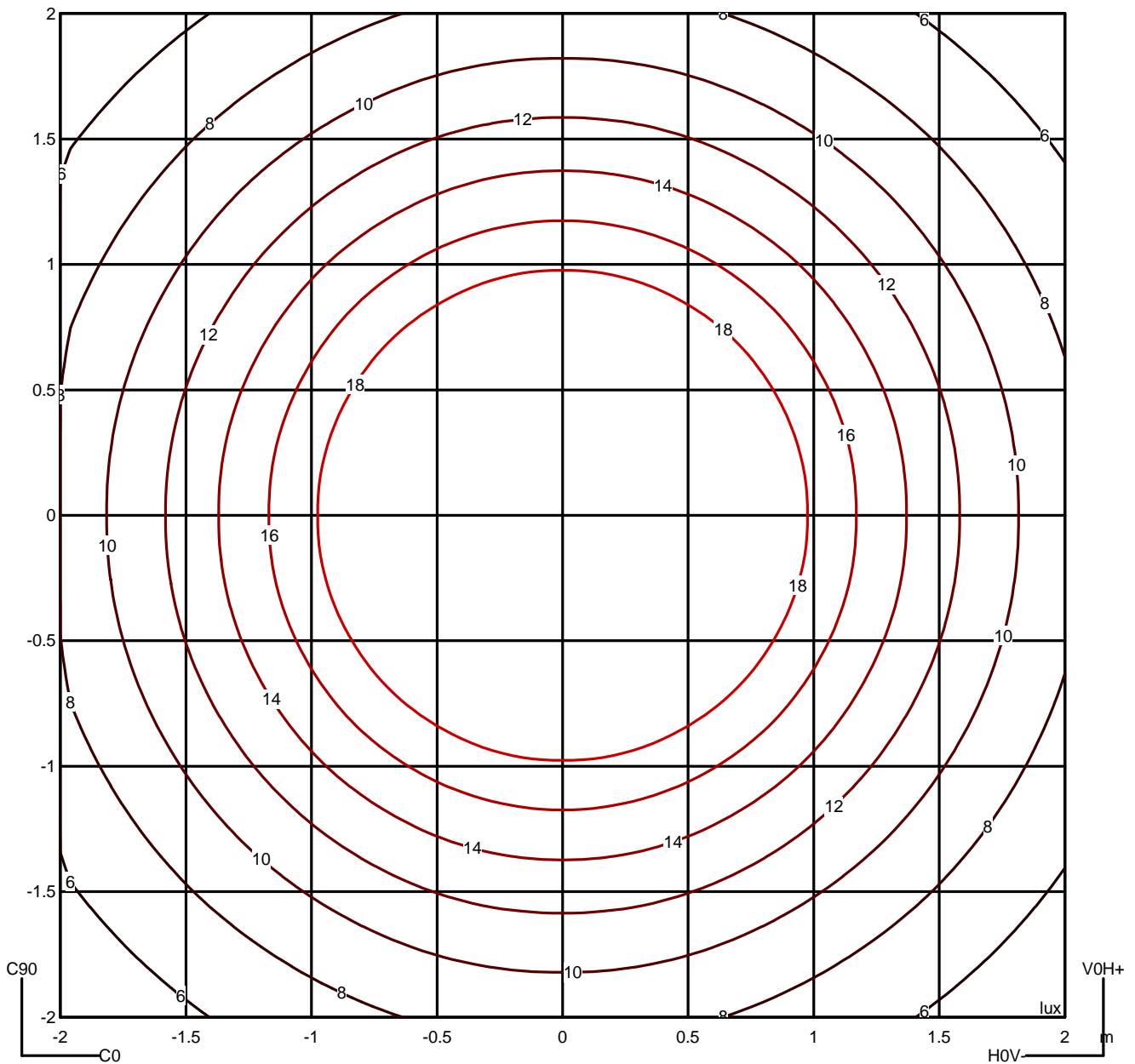
**Measur.**

Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 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-0165-BLA  
 Name Downlight FORLIGHT leds 4.6W

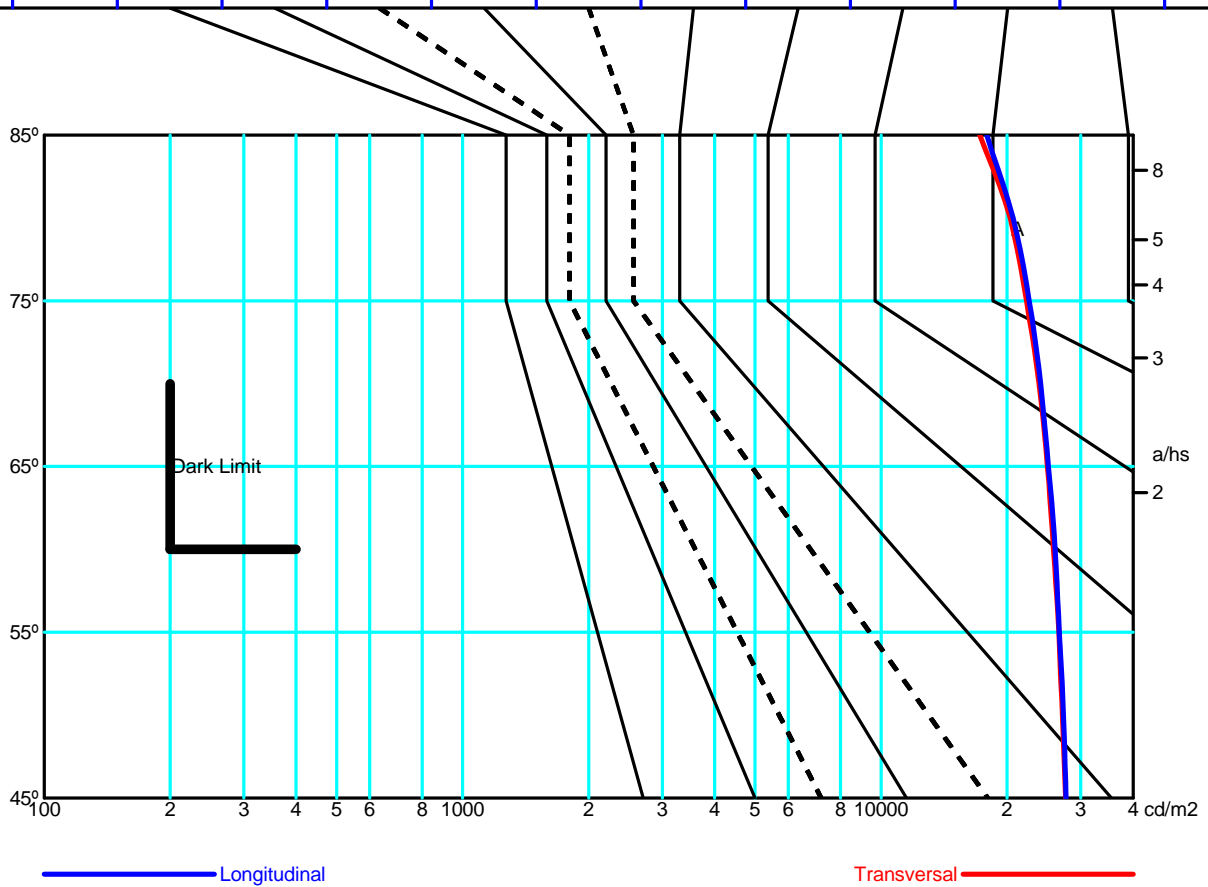
**Measur.**

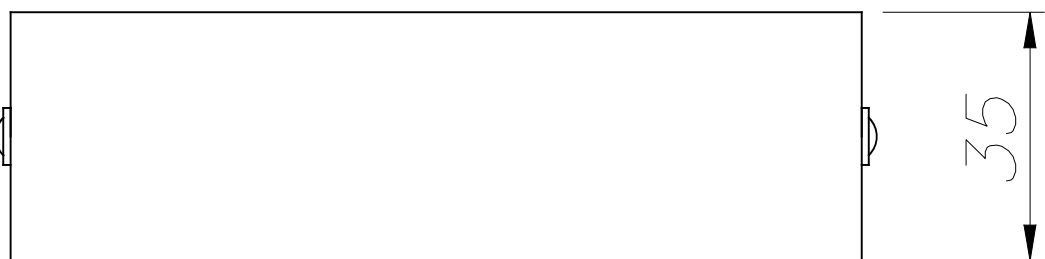
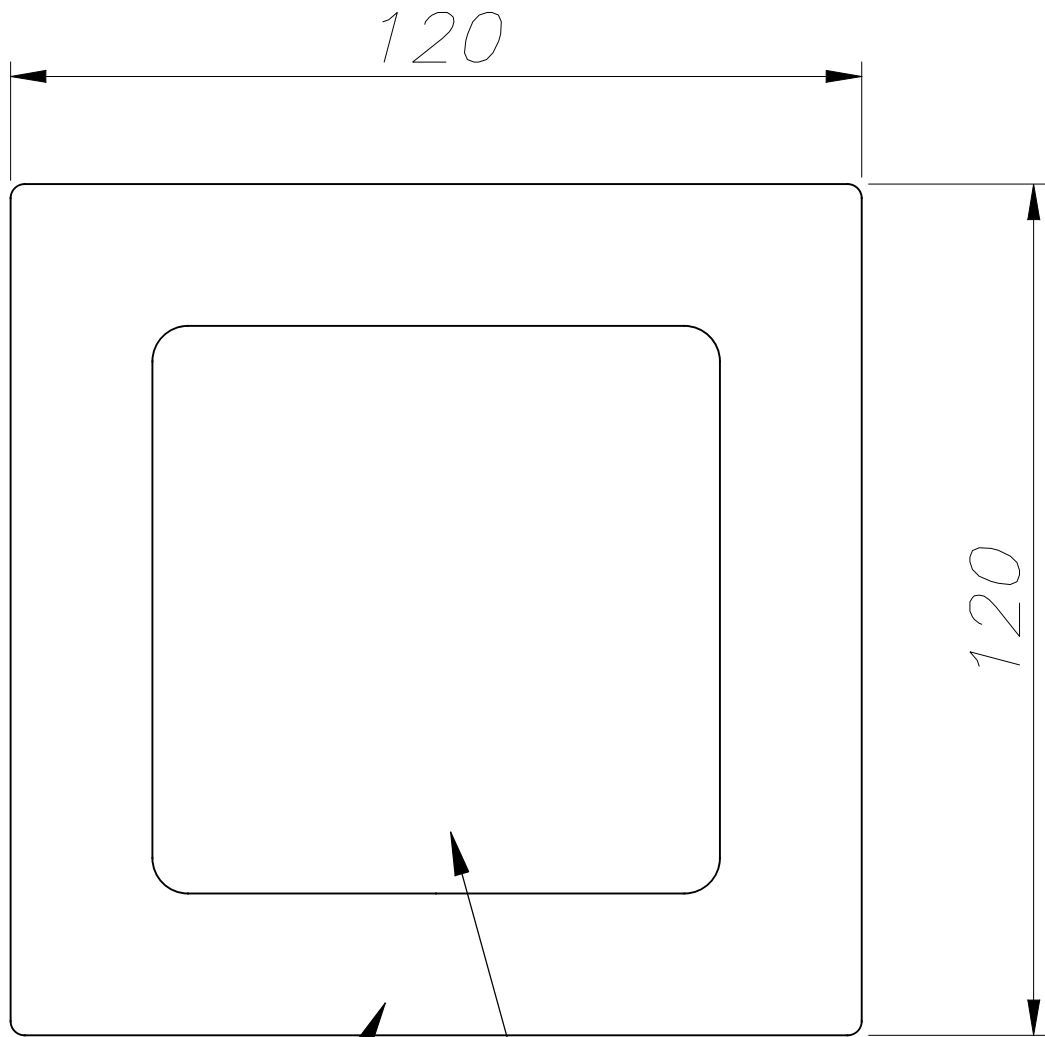
Code TC-0152-BLA  
 Name Downlight FORLIGHT leds 4.6W

Luminaire Flux	437.49 lm	Luminaire Power	7.00 W	Efficacy	62.50 lm/W	Efficiency	100.00%
Lamps Flux	437.49 lm	Maximum value	345.76 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

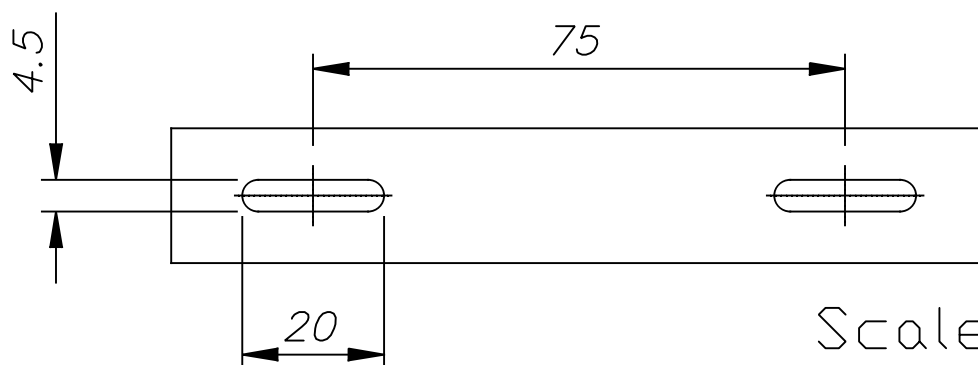
		Average Luminance [cd/m <sup>2</sup> ]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	27589	27099	26587	25829	24985	23854	22257	20337	17203	---	
90.0°	27655	27281	26666	26052	25115	24050	22599	20666	17882	---	

Flush mounted or longitudinal view												
		Illumination(Ix)										
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

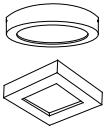




PLANTILLA DE INSTALACIÓN  
INSTALLATION TEMPLATE

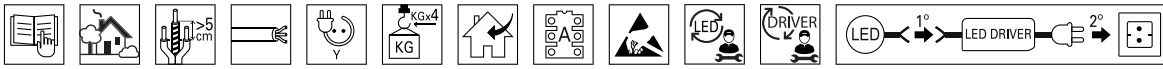


Scale 1:1



# Easy

# FOR LIGHT



	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

**1**

**2**

**3**

**3**

**4**

**5**