Installation Instructions
Photometry

Dorit Ø140mm

TC-0349-BLA

Recessed ceiling lights Dorit Ø140mm LED 15.7W 3000K ON-OFF White IN IP20 / OUT IP54 1530.00





120 0-12

TECHNICAL FEATURES

IN IP20 / OUT IP54

Luminaire total power : 15.7W
Real lumens : 1149
Nominal lumens : 1530
Real lm/W : 73
Lens / reflector angle : FLOOD 66º
UGR : <=19
Structure material : Aluminium
Structure finish : White
Diffuser material : Glass
Diffuser finish : Transparent

Voltage / frequency : 100-240V ~ 50/60Hz
Dimming protocol : ON-OFF
Power Factor : 0.90
Useful life : 36.000h L70B30
Warranty : 5 Years
Easily recyclable luminaire

LUMINOTECHNIC FEATURES

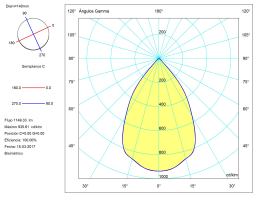
Luminance C0ºG65º: 1932
Luminance C90ºG65º: 1926
CRI: 80
MacAdam steps: 3
Photobiological risk: RG1

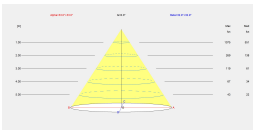
UGR

UGR crosswise: 18.0
UGR lengthwise: 18.0

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
LED	1	14W	3000K

UGR	
S=0.250	
Ceiling / cavity	0.7
Walls	0.5
Working Plane	0.2
Room dimensions	X=4H, Y=8H
UGR crosswise	18.0
UGR lengthwise	18.0





LOGISTICS

Net weight (kg): 0.53
Packaged weight (kg): 0.66
Packaging: 155mm x 155mm x 115mm

18 Un

LIGHT APPLICATION

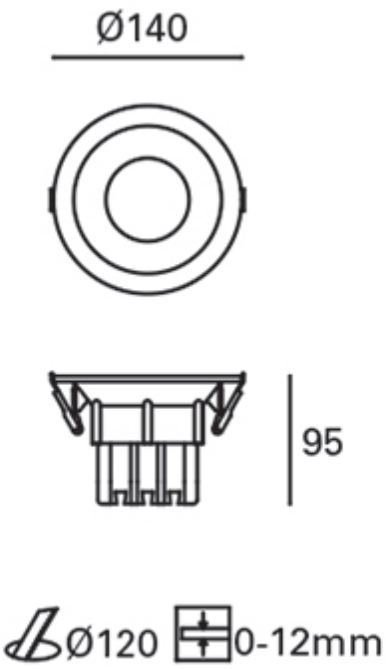


Image may not match reference. LEDS C4 reserves the right to amend any of the product's components. The data related to flux, power and colour temperature are subject to a tolerance of ±10%.

Luminaire
Code TC-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

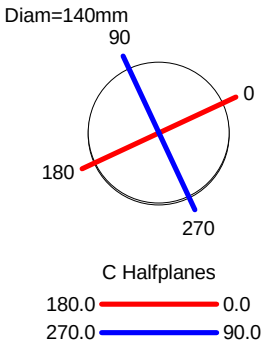
Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Round Luminaire	Diam. 140 mm	Height	4 mm
Round Luminous Area	Diam. 110 mm	Height	0 mm
Horizontal Luminous Area	0.009503 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°	0.002299 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	15-03-2017	Maximum Gamma Angle	90
Measurement Distance	0.00	Measurement Flux	1149.33 lm
Operator	Asselum T3	Source Voltage [V]	
Temperature	25.00 °C	Source current [A]	
Humidity	60.00 %	Photocell	
Notes			

Luminaire Lamps

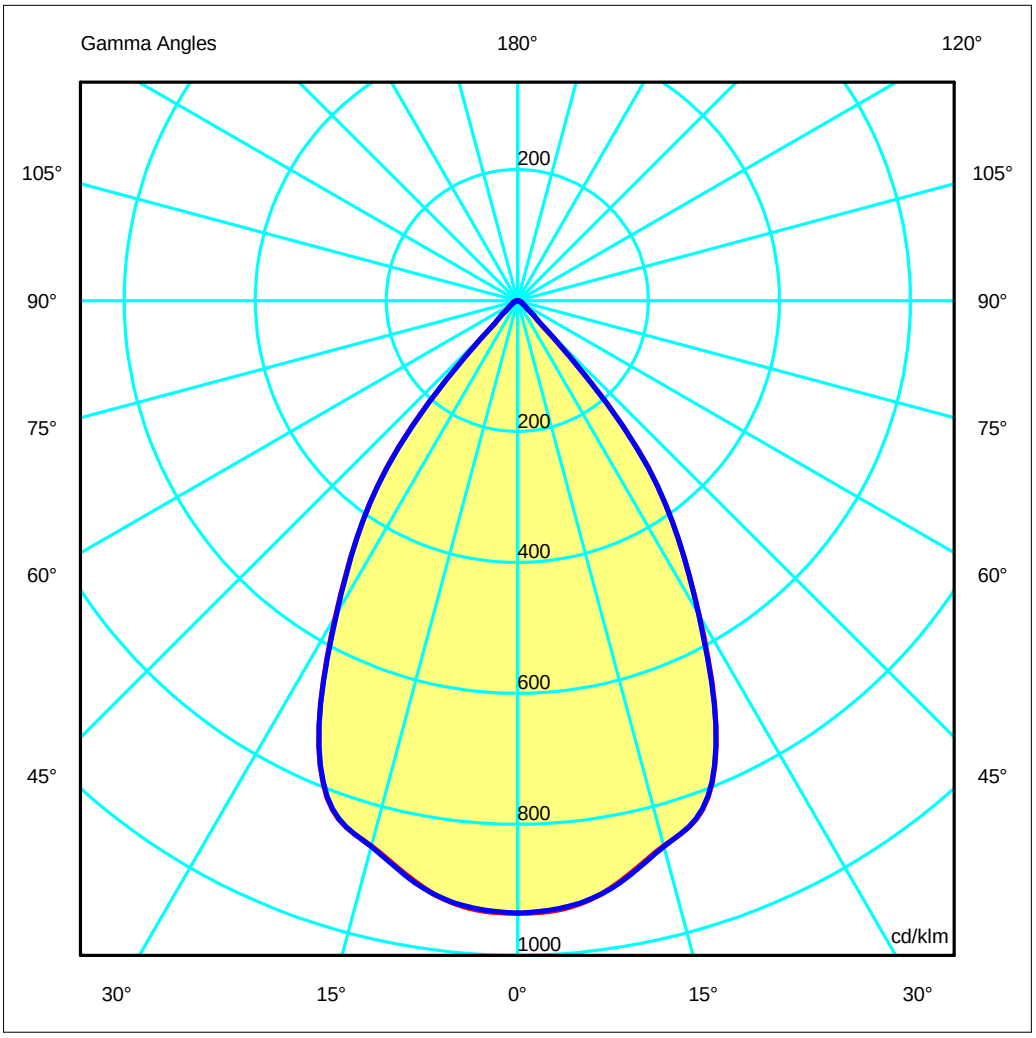
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	TC-0349-BLA	TC-0349-BLA	1149.33	15.09	1

C.I.E.	93 99 100 100 100	D DIN 5040	A60
F UTE	1.00 A	B NBN	BZ 1



C Halfplanes
180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire
Code TC-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

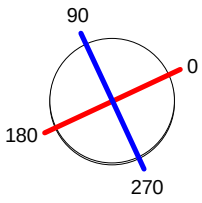
Luminous Intensity Table cd/klm **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	935.61	935.61	935.61	935.61	935.61	935.61	935.61
G 5.0	929.78	929.67	929.43	929.19	927.84	927.67	927.89
G 10.0	900.95	901.07	901.46	902.00	901.65	902.61	902.67
G 15.0	862.10	863.44	863.73	863.69	862.29	862.68	863.09
G 20.0	827.14	827.90	827.26	827.32	825.33	826.53	825.74
G 25.0	716.97	723.23	719.54	723.42	719.46	720.51	716.18
G 30.0	555.06	554.24	552.95	553.10	549.93	554.69	552.41
G 35.0	412.26	414.03	411.57	414.03	413.28	414.47	412.22
G 40.0	252.39	251.04	244.80	249.16	244.93	252.45	248.70
G 45.0	48.46	48.37	47.48	48.78	48.08	49.90	48.34
G 50.0	19.65	19.74	19.33	19.45	19.49	19.59	19.58
G 55.0	13.17	13.08	12.98	13.06	13.11	13.24	13.21
G 60.0	9.41	9.45	9.34	9.33	9.32	9.46	9.39
G 65.0	6.75	6.68	6.68	6.68	6.64	6.73	6.73
G 70.0	4.76	4.77	4.74	4.74	4.74	4.81	4.84
G 75.0	2.21	2.05	2.03	2.06	2.12	2.21	2.20
G 80.0	1.43	1.42	1.42	1.44	1.47	1.51	1.54
G 85.0	1.19	1.18	1.19	1.21	1.25	1.30	1.34
G 90.0	1.12	1.10	1.11	1.14	1.19	1.26	1.30

Luminaire
Code TC-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

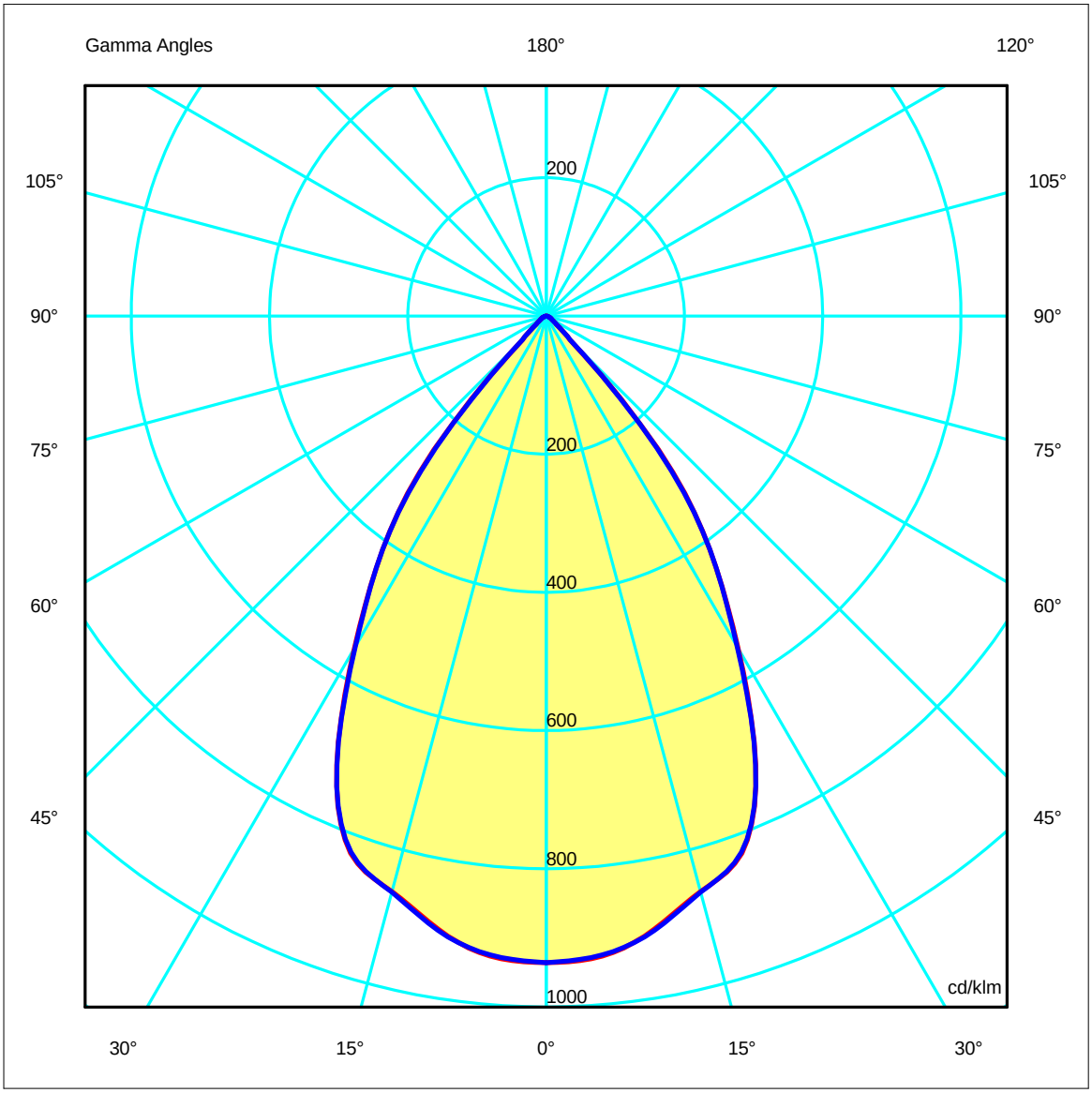
Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=140mm



C Halfplanes





Luminaire
Code TC-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

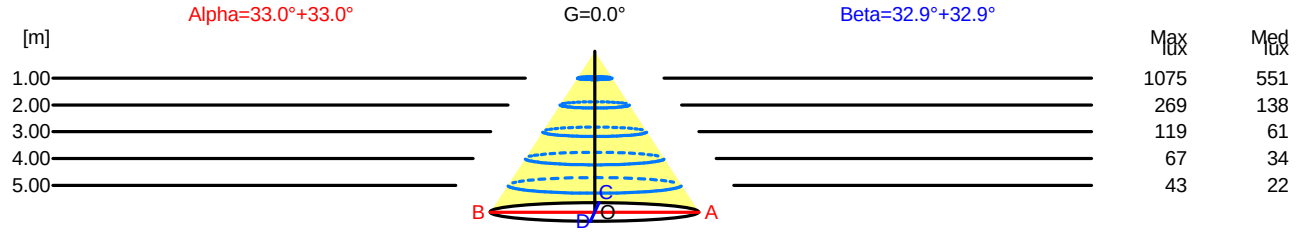
Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.65	1.30	1.95	2.59	3.24	OC	0.65	1.30	1.94	2.59	3.24
OB	0.65	1.30	1.95	2.59	3.24	OD	0.65	1.30	1.94	2.59	3.24

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	1075.32	1068.63	990.83	824.03	473.83	55.70	15.14	7.76	2.54	1.37
OB	1075.32	1068.63	990.83	824.03	473.83	55.70	15.14	7.76	2.54	1.37
OC	1075.32	1066.46	991.97	823.12	473.78	55.56	15.18	7.74	2.53	1.54
OD	1075.32	1066.46	991.97	823.12	473.78	55.56	15.18	7.74	2.53	1.54



H[m]	D[m]	Max lux	Med lux	Alpha=33.0°+33.0° G=0.0
1.00	1.30	1075	551	
2.00	2.59	269	138	
3.00	3.89	119	61	
4.00	5.19	67	34	
5.00	6.49	43	22	

H[m]	D[m]	Max lux	Med lux	Beta=32.9°+32.9° G=0.0
1.00	1.30	1075	551	
2.00	2.59	269	138	
3.00	3.89	119	61	
4.00	5.18	67	34	
5.00	6.48	43	22	

Luminaire
Code TC-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

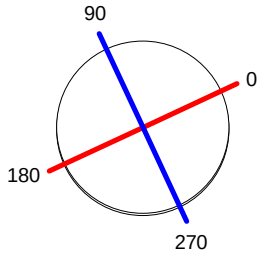
UGR
S = 0.250

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	18.1	18.8	18.4	19.0	19.3	18.2	18.9	18.4	19.1	19.3
x=2H y=3H	18.0	18.7	18.3	18.9	19.2	18.1	18.7	18.3	18.9	19.2
x=2H y=4H	18.0	18.6	18.3	18.8	19.1	18.0	18.6	18.3	18.9	19.1
x=2H y=6H	17.9	18.5	18.2	18.8	19.1	17.9	18.5	18.3	18.8	19.1
x=2H y=8H	17.9	18.4	18.2	18.7	19.0	17.9	18.5	18.3	18.7	19.0
x=2H y=12H	17.9	18.4	18.2	18.7	19.0	17.9	18.4	18.2	18.7	19.0
x=4H y=2H	18.0	18.6	18.2	18.8	19.1	18.0	18.6	18.3	18.8	19.1
x=4H y=3H	17.9	18.4	18.2	18.7	19.0	17.9	18.4	18.2	18.7	19.0
x=4H y=4H	17.8	18.3	18.2	18.6	19.0	17.9	18.3	18.2	18.6	19.0
x=4H y=6H	17.8	18.1	18.2	18.5	18.9	17.8	18.2	18.2	18.5	18.9
x=4H y=8H	17.7	18.1	18.2	18.4	18.9	17.8	18.1	18.2	18.5	18.9
x=4H y=12H	17.7	18.0	18.1	18.4	18.9	17.7	18.0	18.2	18.4	18.9
x=8H y=4H	17.7	18.1	18.1	18.4	18.9	17.7	18.1	18.2	18.4	18.9
x=8H y=6H	17.7	17.9	18.1	18.3	18.8	17.7	17.9	18.1	18.4	18.8
x=8H y=8H	17.6	17.8	18.1	18.3	18.8	17.7	17.9	18.1	18.3	18.8
x=8H y=12H	17.6	17.8	18.1	18.3	18.8	17.7	17.8	18.1	18.3	18.8
x=12H y=4H	17.7	18.0	18.1	18.4	18.8	17.7	18.0	18.1	18.4	18.8
x=12H y=6H	17.6	17.8	18.1	18.3	18.8	17.6	17.8	18.1	18.3	18.8
x=12H y=8H	17.6	17.8	18.1	18.2	18.8	17.6	17.8	18.1	18.3	18.8

Luminaire
Code TC-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

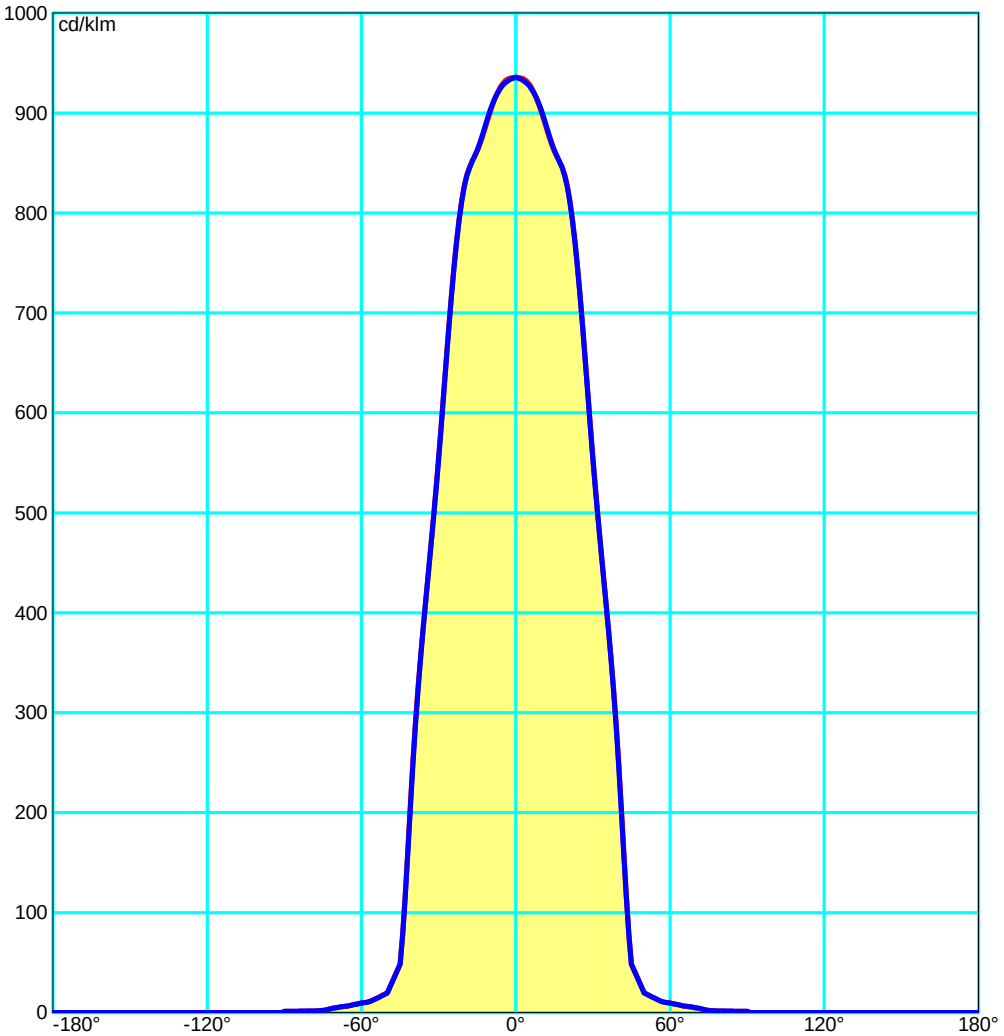
Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=140mm



C Halfplanes

180.0 0.0
270.0 90.0



Luminaire
Code TC-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire
Code TC-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 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	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14
G 5.0	112877.29	112870.42	112852.17	112834.90	112829.74	112755.07	112641.54	112613.64	112630.16	112648.09	112630.16	112613.64	112641.54
G 10.0	110641.73	110649.81	110666.26	110704.55	110761.71	110755.27	110727.74	110804.02	110848.23	110852.80	110848.23	110804.02	110727.74
G 15.0	107939.61	108065.29	108128.81	108143.82	108160.36	108082.27	107964.15	107980.44	108036.42	108063.80	108036.42	107980.44	107964.15
G 20.0	106454.21	106542.19	106526.71	106468.98	106474.20	106390.07	106221.40	106315.09	106379.74	106274.21	106379.74	106315.09	106221.40
G 25.0	95674.02	96398.57	96369.96	96017.54	96393.60	96429.16	96007.06	96094.96	96052.78	95568.34	96052.78	96094.96	96007.06
G 30.0	77513.81	77455.61	77320.13	77219.45	77233.49	77092.79	76797.37	77244.44	77487.01	77143.67	77487.01	77244.44	76797.37
G 35.0	60866.88	61126.18	61003.58	60764.22	61005.25	61126.83	61017.41	61146.05	61145.01	60860.71	61145.01	61146.05	61017.41
G 40.0	39846.63	39704.81	39237.01	38648.64	39166.89	39139.43	38668.88	39461.27	39897.34	39263.56	39897.34	39461.27	38668.88
G 45.0	8288.34	8278.31	8203.77	8121.50	8287.67	8308.32	8223.32	8443.80	8518.07	8268.41	8518.07	8443.80	8223.32
G 50.0	3696.79	3720.23	3689.48	3637.27	3647.25	3665.73	3667.44	3679.92	3688.13	3684.63	3688.13	3679.92	3667.44
G 55.0	2777.27	2766.21	2749.28	2737.09	2746.72	2757.35	2765.31	2784.54	2793.30	2784.67	2793.30	2784.54	2765.31
G 60.0	2276.58	2286.47	2277.35	2258.59	2257.21	2253.82	2254.65	2279.59	2289.78	2271.97	2289.78	2279.59	2254.65
G 65.0	1932.21	1917.56	1912.20	1911.26	1910.89	1905.43	1899.99	1917.32	1929.92	1925.99	1929.92	1917.32	1899.99
G 70.0	1683.92	1687.36	1683.75	1676.53	1675.32	1673.91	1675.62	1690.92	1704.86	1710.70	1704.86	1690.92	1675.62
G 75.0	1030.72	977.26	950.22	949.94	955.82	966.61	988.31	1021.34	1036.95	1028.79	1036.95	1021.34	988.31
G 80.0	996.61	991.73	989.44	991.95	1000.04	1010.15	1023.95	1045.22	1061.59	1069.13	1061.59	1045.22	1023.95
G 85.0	1657.79	1636.14	1632.08	1645.83	1664.28	1689.67	1729.25	1784.39	1830.30	1859.52	1830.30	1784.39	1729.25
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-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 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	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14
G 5.0	112755.07	112829.74	112834.90	112852.17	112870.42	112877.29	112870.42	112852.17	112834.90	112829.74	112755.07	112641.54	112613.64
G 10.0	110755.27	110761.71	110704.55	110666.26	110649.81	110641.73	110649.81	110666.26	110704.55	110761.71	110755.27	110727.74	110804.02
G 15.0	108082.27	108160.36	108143.82	108128.81	108065.29	107939.61	108065.29	108128.81	108143.82	108160.36	108082.27	107964.15	107980.44
G 20.0	106390.07	106474.20	106468.98	106526.71	106542.19	106454.21	106542.19	106526.71	106468.98	106474.20	106390.07	106221.40	106315.09
G 25.0	96429.16	96393.60	96017.54	96369.96	96398.57	95674.02	96398.57	96369.96	96017.54	96393.60	96429.16	96007.06	96094.96
G 30.0	77092.79	77233.49	77219.45	77320.13	77455.61	77513.81	77455.61	77320.13	77219.45	77233.49	77092.79	76797.37	77244.44
G 35.0	61126.83	61005.25	60764.22	61003.58	61126.18	60866.88	61126.18	61003.58	60764.22	61005.25	61126.83	61017.41	61146.05
G 40.0	39139.43	39166.89	38648.64	39237.01	39704.81	39846.63	39704.81	39237.01	38648.64	39166.89	39139.43	38668.88	39461.27
G 45.0	8308.32	8287.67	8121.50	8203.77	8278.31	8288.34	8278.31	8203.77	8121.50	8287.67	8308.32	8223.32	8443.80
G 50.0	3665.73	3647.25	3637.27	3689.48	3720.23	3696.79	3720.23	3689.48	3637.27	3647.25	3665.73	3667.44	3679.92
G 55.0	2757.35	2746.72	2737.09	2749.28	2766.21	2777.27	2766.21	2749.28	2737.09	2746.72	2757.35	2765.31	2784.54
G 60.0	2253.82	2257.21	2258.59	2277.35	2286.47	2276.58	2286.47	2277.35	2258.59	2257.21	2253.82	2254.65	2279.59
G 65.0	1905.43	1910.89	1911.26	1912.20	1917.56	1932.21	1917.56	1912.20	1911.26	1910.89	1905.43	1899.99	1917.32
G 70.0	1673.91	1675.32	1676.53	1683.75	1687.36	1683.92	1687.36	1683.75	1676.53	1675.32	1673.91	1675.62	1690.92
G 75.0	966.61	955.82	949.94	950.22	977.26	1030.72	977.26	950.22	949.94	955.82	966.61	988.31	1021.34
G 80.0	1010.15	1000.04	991.95	989.44	991.73	996.61	991.73	989.44	991.95	1000.04	1010.15	1023.95	1045.22
G 85.0	1689.67	1664.28	1645.83	1632.08	1636.14	1657.79	1636.14	1632.08	1645.83	1664.28	1689.67	1729.25	1784.39
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-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency 100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical

Luminance cd/m2 **Table 3/3**

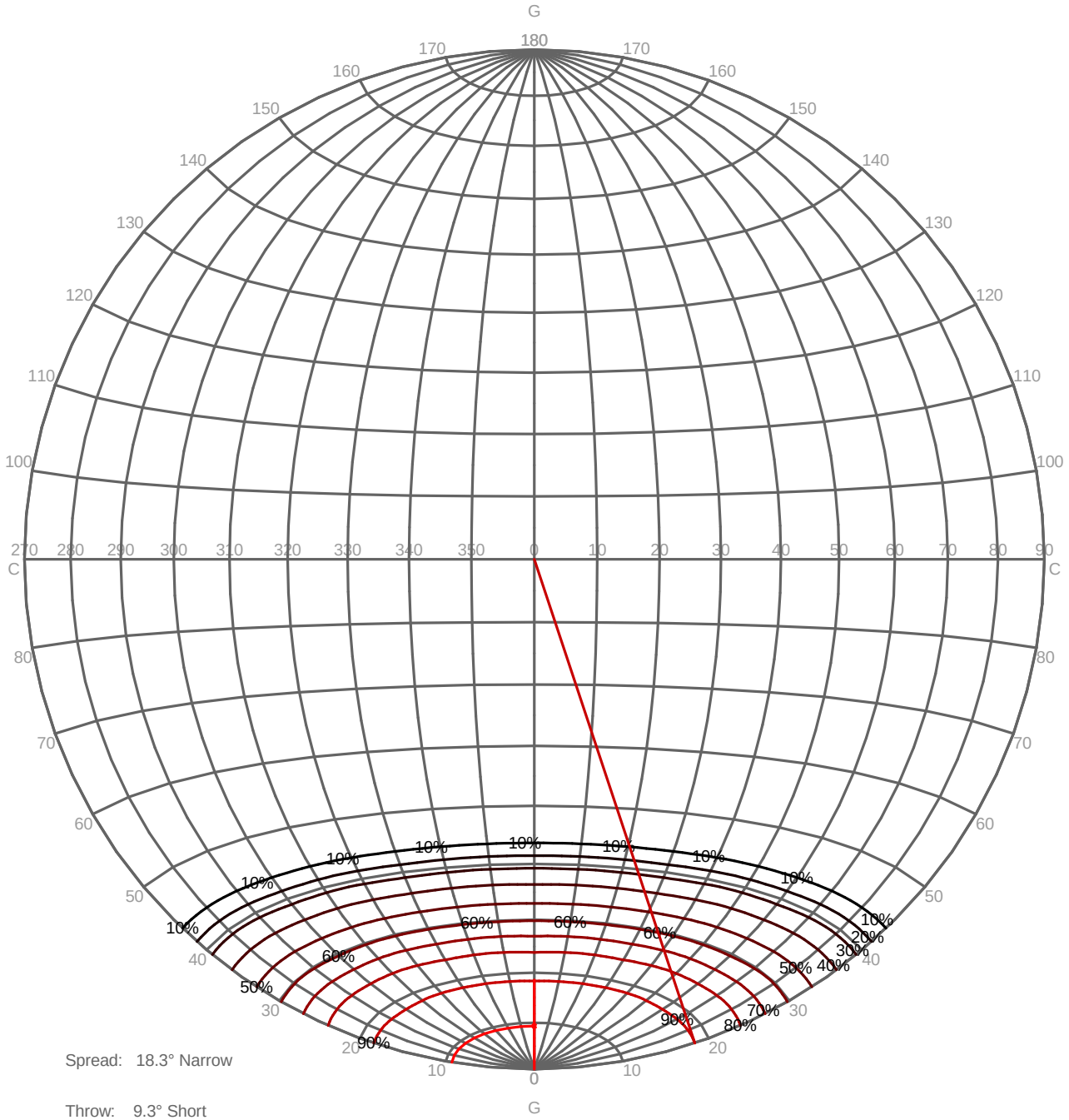
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14	113152.14
G 5.0	112630.16	112648.09	112630.16	112613.64	112641.54	112755.07	112829.74	112834.90	112852.17	112870.42
G 10.0	110848.23	110852.80	110848.23	110804.02	110727.74	110755.27	110761.71	110704.55	110666.26	110649.81
G 15.0	108036.42	108063.80	108036.42	107980.44	107964.15	108082.27	108160.36	108143.82	108128.81	108065.29
G 20.0	106379.74	106274.21	106379.74	106315.09	106221.40	106390.07	106474.20	106468.98	106526.71	106542.19
G 25.0	96052.78	95568.34	96052.78	96094.96	96007.06	96429.16	96393.60	96017.54	96369.96	96398.57
G 30.0	77487.01	77143.67	77487.01	77244.44	76797.37	77092.79	77233.49	77219.45	77320.13	77455.61
G 35.0	61145.01	60860.71	61145.01	61146.05	61017.41	61126.83	61005.25	60764.22	61003.58	61126.18
G 40.0	39897.34	39263.56	39897.34	39461.27	38668.88	39139.43	39166.89	38648.64	39237.01	39704.81
G 45.0	8518.07	8268.41	8518.07	8443.80	8223.32	8308.32	8287.67	8121.50	8203.77	8278.31
G 50.0	3688.13	3684.63	3688.13	3679.92	3667.44	3665.73	3647.25	3637.27	3689.48	3720.23
G 55.0	2793.30	2784.67	2793.30	2784.54	2765.31	2757.35	2746.72	2737.09	2749.28	2766.21
G 60.0	2289.78	2271.97	2289.78	2279.59	2254.65	2253.82	2257.21	2258.59	2277.35	2286.47
G 65.0	1929.92	1925.99	1929.92	1917.32	1899.99	1905.43	1910.89	1911.26	1912.20	1917.56
G 70.0	1704.86	1710.70	1704.86	1690.92	1675.62	1673.91	1675.32	1676.53	1683.75	1687.36
G 75.0	1036.95	1028.79	1036.95	1021.34	988.31	966.61	955.82	949.94	950.22	977.26
G 80.0	1061.59	1069.13	1061.59	1045.22	1023.95	1010.15	1000.04	991.95	989.44	991.73
G 85.0	1830.30	1859.52	1830.30	1784.39	1729.25	1689.67	1664.28	1645.83	1632.08	1636.14
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-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area SLI 10.1 Tight Tilting Angle:0°



Spread: 18.3° Narrow

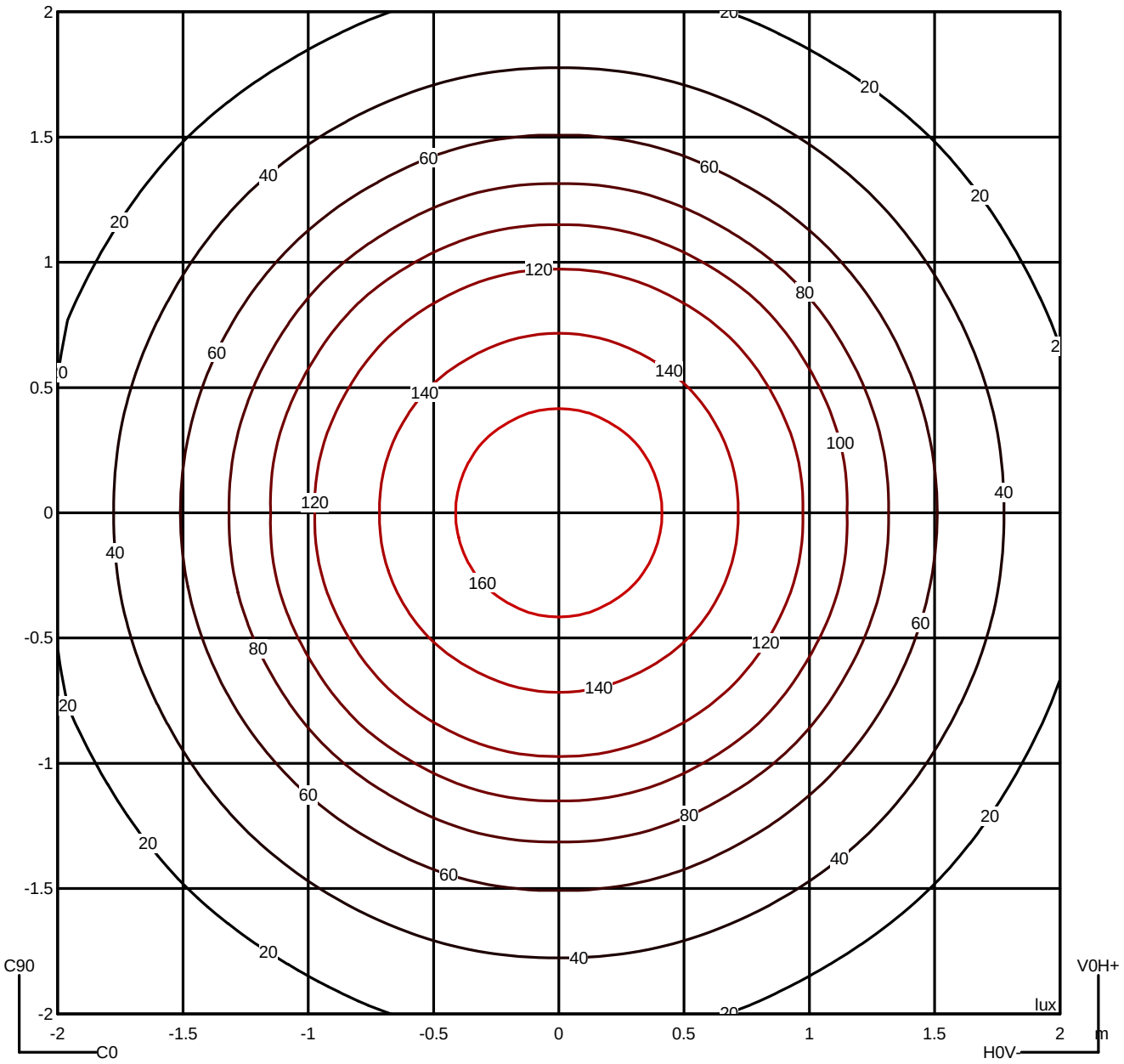
Throw: 9.3° Short

Luminaire
Code TC-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 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-0349-BLA
Name Downlight led 16W 3000K
Measurem.
Code CL116A17F081G
Name Downlight led 16W 3000K

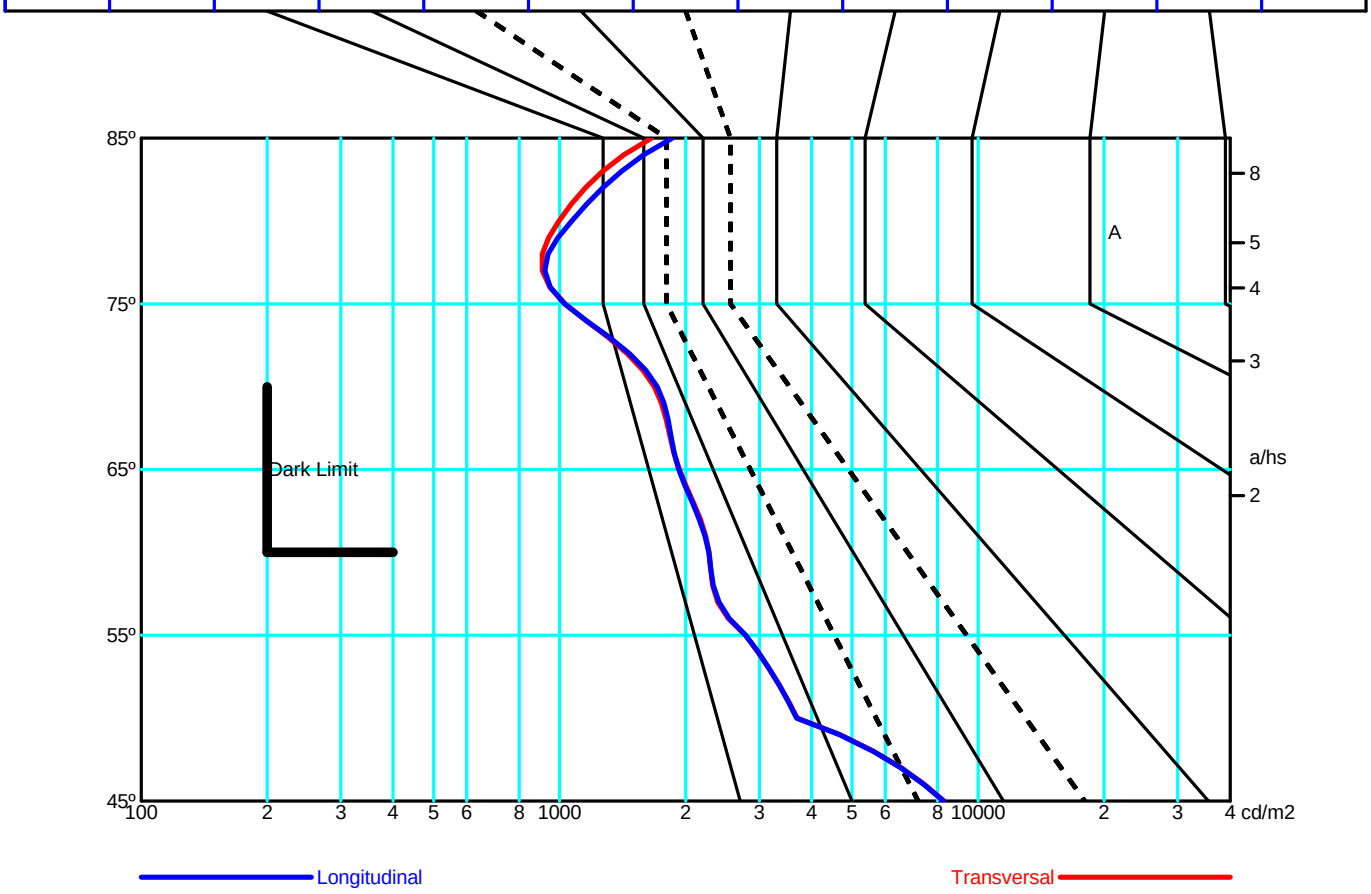
Luminaire Flux	1149.33 lm	Luminaire Power	15.09 W	Efficacy	76.17 lm/W	Efficiency	100.00%
Lamps Flux	1149.33 lm	Maximum value	935.61 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Average Luminance [cd/m²]

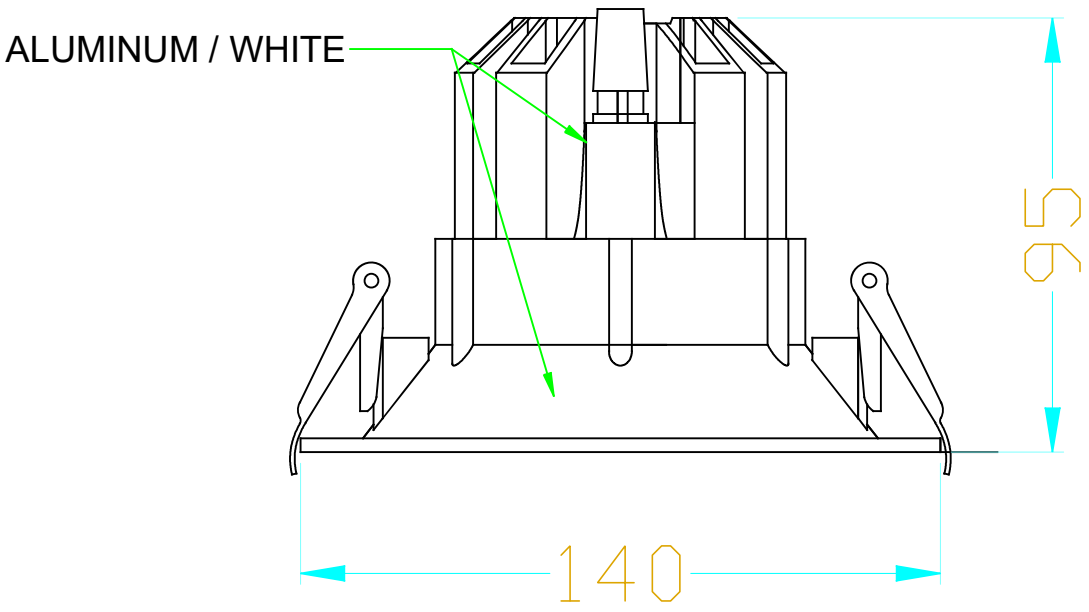
	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	8288	3697	2777	2277	1932	1684	1031	997	1658	---
90.0°	8268	3685	2785	2272	1926	1711	1029	1069	1860	---

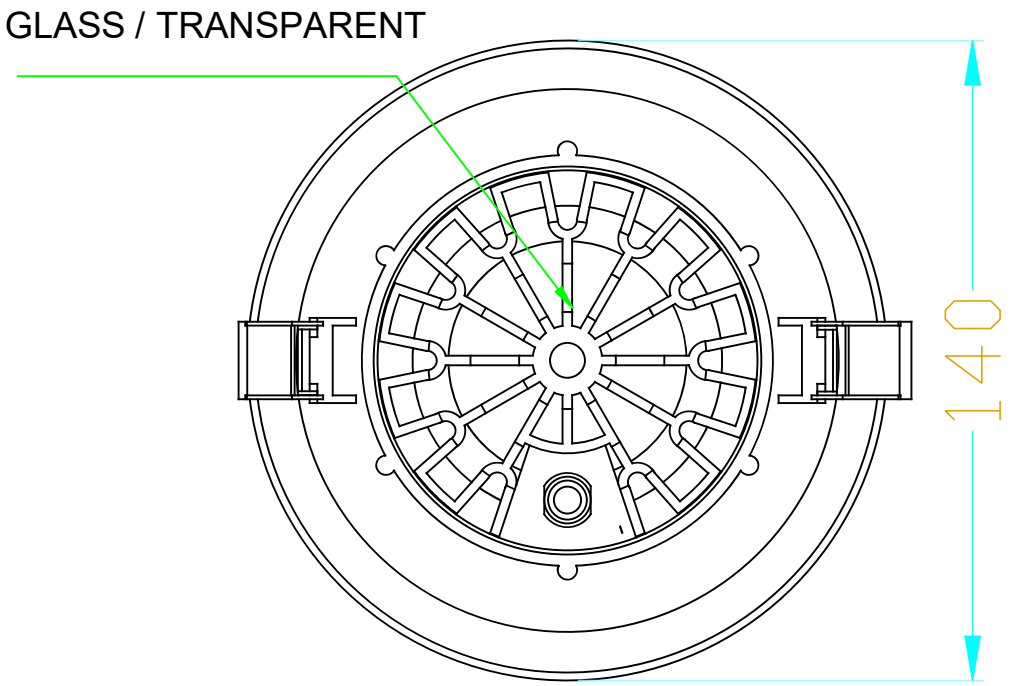
Flush mounted or longitudinal view

		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



TC-0349





Ø120MM

20-10-16

Dorit

TC-0349 TC-0350

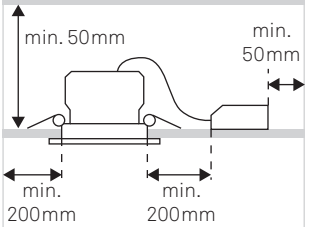


TC-0349

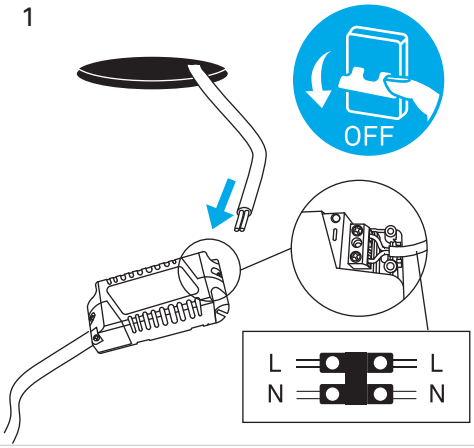


TC-0350

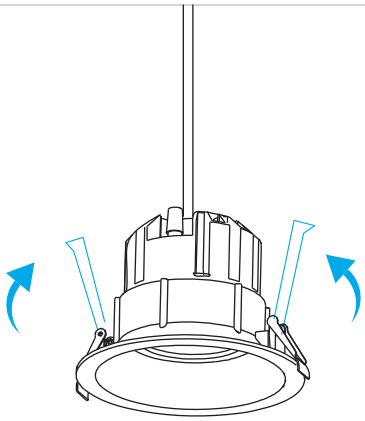




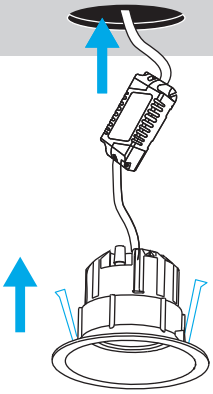
1



2



3



4

