

### SIGN Signal



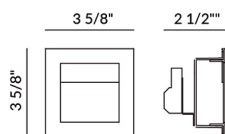
#### Description

for indoor use.

For frontal lighting and downlighting. Structure material: Aluminium. Structure finish: White. Blades finishes: NA. Warranty: 5 Years.

**Finish**  
White  
NA

**Material**  
Aluminium



#### TECHNICAL CHARACTERISTICS

80x120CAIXA  
77x77NOCAIXA

##### Light source

Light source: LED CREE  
Output (W): 2.2W  
Color temperature: LED warm-white  
3000K  
CRI: 80  
Photobiological risk: RG2  
Real Lumen: 80  
Qty Leds: 1  
Lm/Real W: 40  
Life Time: 50.000h L80B20  
Bin / Grup: 7C1-7B4  
MacAdam steps: 3  
UGR: 0.9

##### GEAR

This item requires gear. It is not included.

##### Luminaire

Warranty: 5 Years

##### Logistics

Net Weight (Lb): 0

The photograph may not match the reference exactly. Please read the product description to identify the finish.

# LEDS C4

## Luminaire

Code EP-0356-1400V1U  
Name Downlight Ind. 1 led 3W 700mA

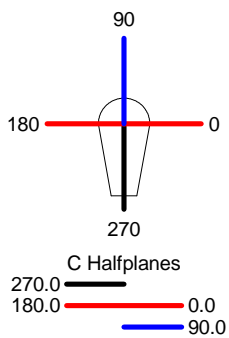
## Measurerm.

Code EP-0356-N3-00  
Name Downlight Ind. 1 led 3W 700mA

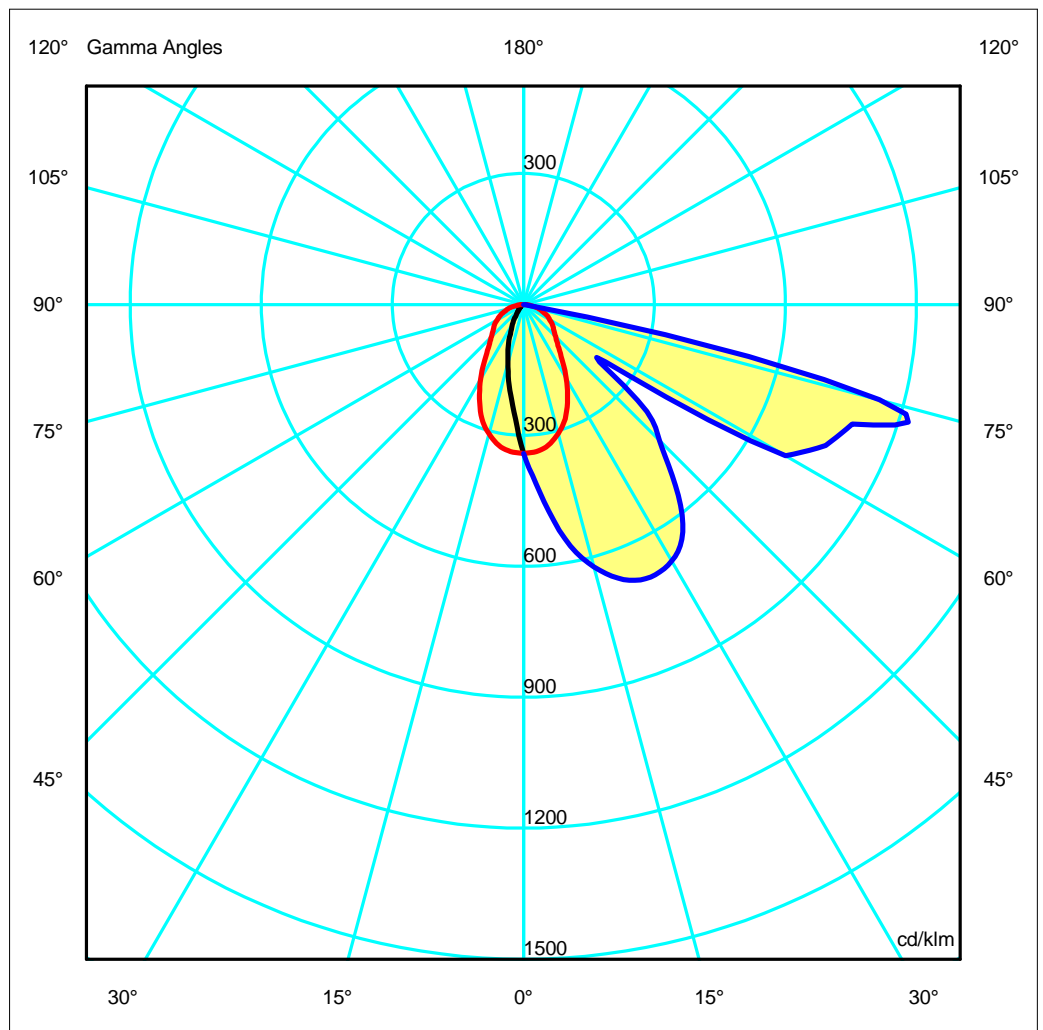
Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90
Rectangular Luminaire		Length	90 mm	Width	90 mm	Height	3 mm
Rectangular Luminous Area		Length	40 mm	Width	60 mm	Height	1 mm
Horizontal Luminous Area	0.002400 m2	Emitting area on Plane 180°					0.000040 m2
Emitting area on Plane 0°	0.000040 m2	Emitting area on Plane 270°					0.000060 m2
Emitting area on Plane 90°	0.000060 m2	Glare area at 76°					0.000619 m2
Coordinate system	CG Roads	Symmetry Type					Sym. on planes 270-90
Date	19-02-2018	Maximum Gamma Angle					90
Measurement Distance	0.00	Measurement Flux					80.32 lm
Operator	Asselum	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
	LAMP EP-0356-1400V1U	LAMP EP-0356-1400V1U	80.32	3.00	1
C.I.E.	45 66 94 100 100	D DIN 5040	A30		



ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



**Luminaire**

Code EP-0356-1400V1U  
Name Downlight Ind. 1 led 3W 700mA

**Measur.**

Code EP-0356-N3-00  
Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

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

	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	341.52	341.52	341.52	341.52	341.52	341.52	341.52	341.52	341.52	341.52	341.52	341.52	341.52
G 5.0	247.59	261.08	273.11	271.77	291.72	312.23	337.86	360.20	384.72	402.78	437.93	448.24	432.17
G 10.0	188.93	194.35	207.54	220.81	245.45	282.59	327.54	371.42	426.68	466.87	527.43	532.97	544.99
G 15.0	137.77	146.80	157.02	171.02	195.61	242.03	306.03	371.86	457.90	514.65	602.63	608.25	622.07
G 20.0	102.97	106.06	113.61	128.95	159.21	205.87	278.93	357.07	474.10	537.67	640.77	640.19	670.43
G 25.0	68.02	73.18	81.55	98.91	118.77	165.19	238.21	322.97	467.99	530.18	655.13	652.17	688.82
G 30.0	48.14	50.97	55.67	69.66	92.25	131.96	196.18	280.81	427.61	502.71	647.96	634.13	678.41
G 35.0	29.33	33.52	37.35	50.00	68.01	100.04	154.27	219.79	363.36	461.26	610.87	578.22	636.08
G 40.0	18.48	21.59	24.74	33.68	50.20	82.25	122.98	171.58	289.34	387.82	548.39	494.39	541.36
G 45.0	13.71	14.60	16.83	24.34	36.92	65.40	103.68	129.42	208.66	302.21	459.47	400.08	440.04
G 50.0	10.04	10.74	12.32	16.52	27.20	54.59	90.16	114.78	143.34	197.95	359.95	304.95	341.21
G 55.0	8.36	8.18	9.06	12.31	20.18	42.89	81.07	104.55	111.31	115.61	273.64	223.99	229.84
G 60.0	6.74	6.86	7.16	8.75	14.72	33.91	69.16	96.75	100.47	81.59	197.38	703.77	692.87
G 65.0	6.09	5.85	5.92	6.85	10.81	25.47	59.06	86.20	94.36	171.43	630.86	702.70	763.67
G 70.0	5.67	5.19	4.89	5.04	7.74	18.17	45.71	75.79	89.67	384.94	663.20	740.65	800.85
G 75.0	5.20	4.76	4.30	4.10	5.36	12.34	35.52	62.34	85.36	58.39	695.45	758.98	843.77
G 80.0	4.57	4.39	3.55	3.04	3.52	7.91	21.73	41.34	67.60	42.61	30.29	8.10	10.28
G 85.0	4.19	3.83	2.96	2.35	2.24	3.89	10.62	15.79	33.78	11.51	10.73	3.44	2.66
G 90.0	0.10	-0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.56	0.63

# LEDS C4<sup>®</sup>

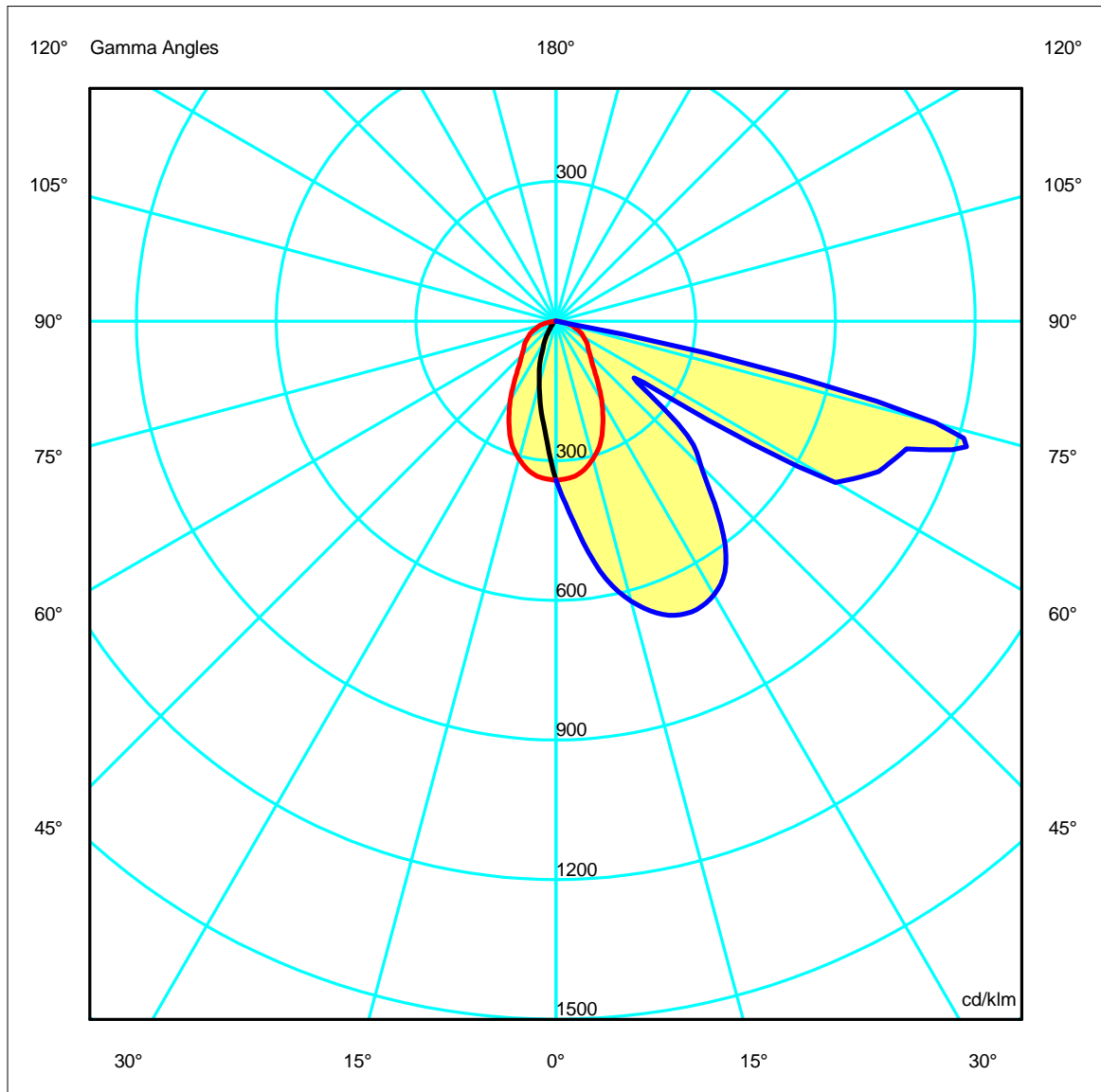
**Luminaire**

Code EP-0356-1400V1U  
 Name Downlight Ind. 1 led 3W 700mA

**Measur.**

Code EP-0356-N3-00  
 Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90



# LEDS C4<sup>®</sup>

## Luminaire

Code EP-0356-1400V1U  
Name Downlight Ind. 1 led 3W 700mA

## Measuram.

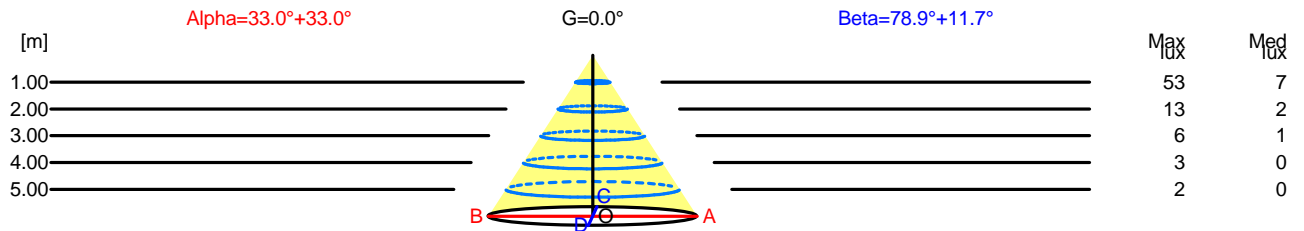
Code EP-0356-N3-00  
Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

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	5.09	10.18	15.27	20.36	25.45
OB	0.65	1.30	1.95	2.59	3.24	OD	0.21	0.41	0.62	0.83	1.03

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	27.43	27.14	24.58	19.13	12.39	8.33	6.51	4.74	2.85	0.85
OB	27.43	27.14	24.58	19.13	12.39	8.33	6.51	4.74	2.85	0.85
OC	27.43	34.71	49.96	55.33	51.09	35.34	18.46	61.34	67.77	0.21
OD	27.43	19.89	11.07	5.46	2.36	1.10	0.67	0.49	0.42	0.34



H[m]	D[m]	Max lux	Med lux	Alpha=33.0°+33.0°	G=0.0
1.00	1.30	53	7		
2.00	2.59	13	2		
3.00	3.89	6	1		
4.00	5.19	3	0		
5.00	6.48	2	0		

H[m]	D[m]	Max lux	Med lux	Beta=11.7°+78.9°	G=0.0
1.00	5.30	53	7		
2.00	10.59	13	2		
3.00	15.89	6	1		
4.00	21.19	3	0		
5.00	26.49	2	0		

**Luminaire**

Code EP-0356-1400V1U  
Name Downlight Ind. 1 led 3W 700mA

**Measurement**

Code EP-0356-N3-00  
Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

**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	16.0	17.4	16.3	17.6	17.8	0.9	2.3	1.2	2.5	2.8
x=2H y=3H	17.6	18.9	17.9	19.1	19.4	2.2	3.5	2.5	3.7	4.0
x=2H y=4H	18.3	19.5	18.7	19.8	20.1	3.1	4.3	3.5	4.6	4.9
x=2H y=6H	18.8	20.0	19.2	20.3	20.6	4.3	5.4	4.7	5.7	6.1
x=2H y=8H	19.0	20.1	19.4	20.4	20.8	5.0	6.1	5.4	6.4	6.8
x=2H y=12H	19.1	20.2	19.5	20.5	20.8	5.8	6.9	6.2	7.2	7.6
x=4H y=2H	20.3	21.5	20.6	21.8	22.1	1.9	3.1	2.3	3.4	3.7
x=4H y=3H	21.5	22.5	21.8	22.8	23.2	3.3	4.3	3.7	4.6	5.0
x=4H y=4H	22.0	23.0	22.4	23.3	23.7	4.3	5.2	4.7	5.6	6.0
x=4H y=6H	22.5	23.3	22.9	23.7	24.1	5.6	6.5	6.1	6.9	7.2
x=4H y=8H	22.6	23.3	23.0	23.7	24.2	6.5	7.2	6.9	7.6	8.0
x=4H y=12H	22.7	23.3	23.1	23.8	24.2	7.4	8.1	7.9	8.5	9.0
x=8H y=4H	26.0	26.8	26.4	27.2	27.6	4.8	5.6	5.2	6.0	6.4
x=8H y=6H	26.3	26.9	26.7	27.3	27.8	6.3	6.9	6.8	7.3	7.8
x=8H y=8H	26.4	26.9	26.8	27.4	27.8	7.3	7.8	7.8	8.3	8.7
x=8H y=12H	26.4	26.9	26.9	27.3	27.8	8.5	8.9	9.0	9.4	9.9
x=12H y=4H	26.1	26.8	26.5	27.2	27.6	4.9	5.6	5.4	6.0	6.4
x=12H y=6H	26.4	26.9	26.9	27.4	27.8	6.5	7.0	6.9	7.4	7.9
x=12H y=8H	26.5	27.0	27.0	27.4	27.9	7.5	7.9	8.0	8.4	8.9

# LEDS C4<sup>®</sup>

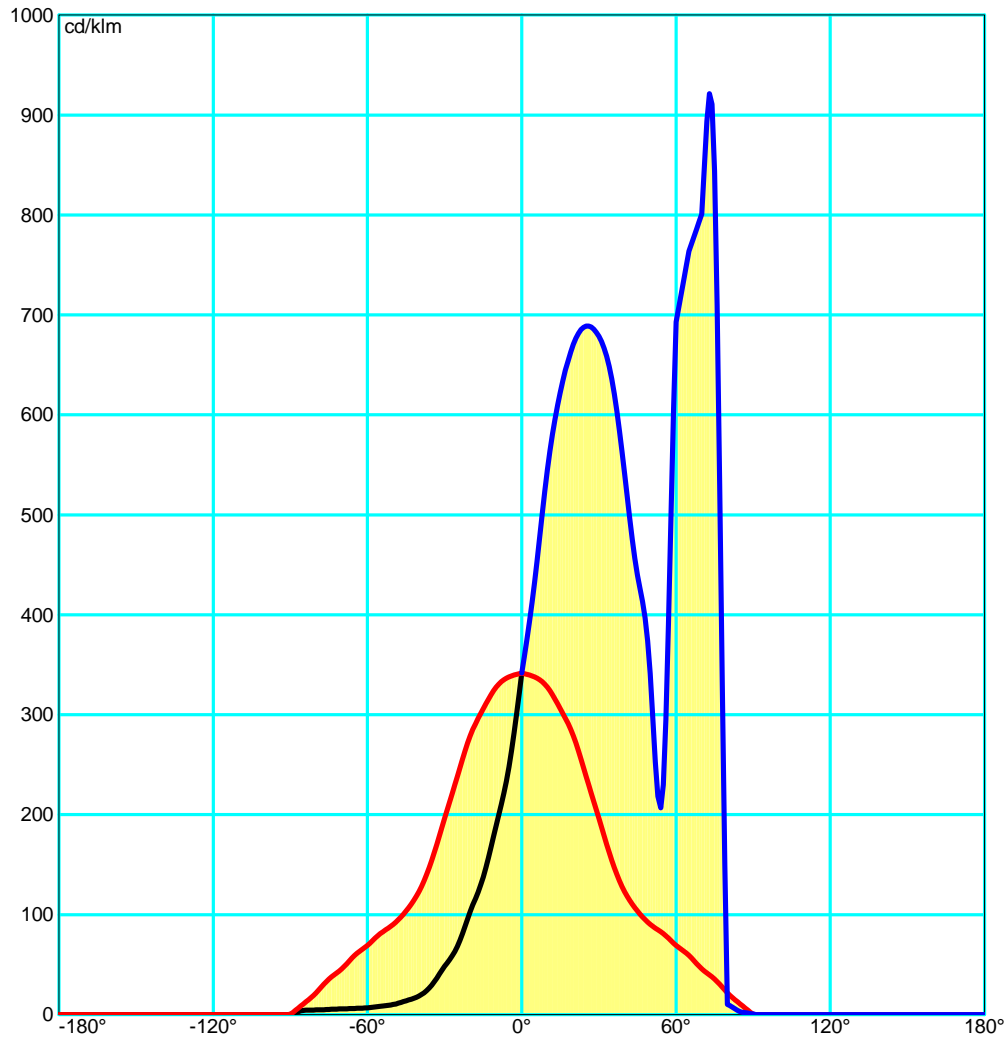
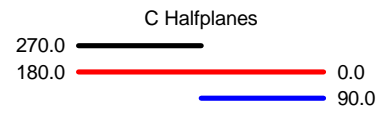
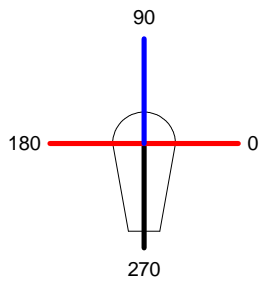
## Luminaire

Code EP-0356-1400V1U  
 Name Downlight Ind. 1 led 3W 700mA

## Measur.

Code EP-0356-N3-00  
 Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90



# LEDS C4<sup>®</sup>

**Luminaire**

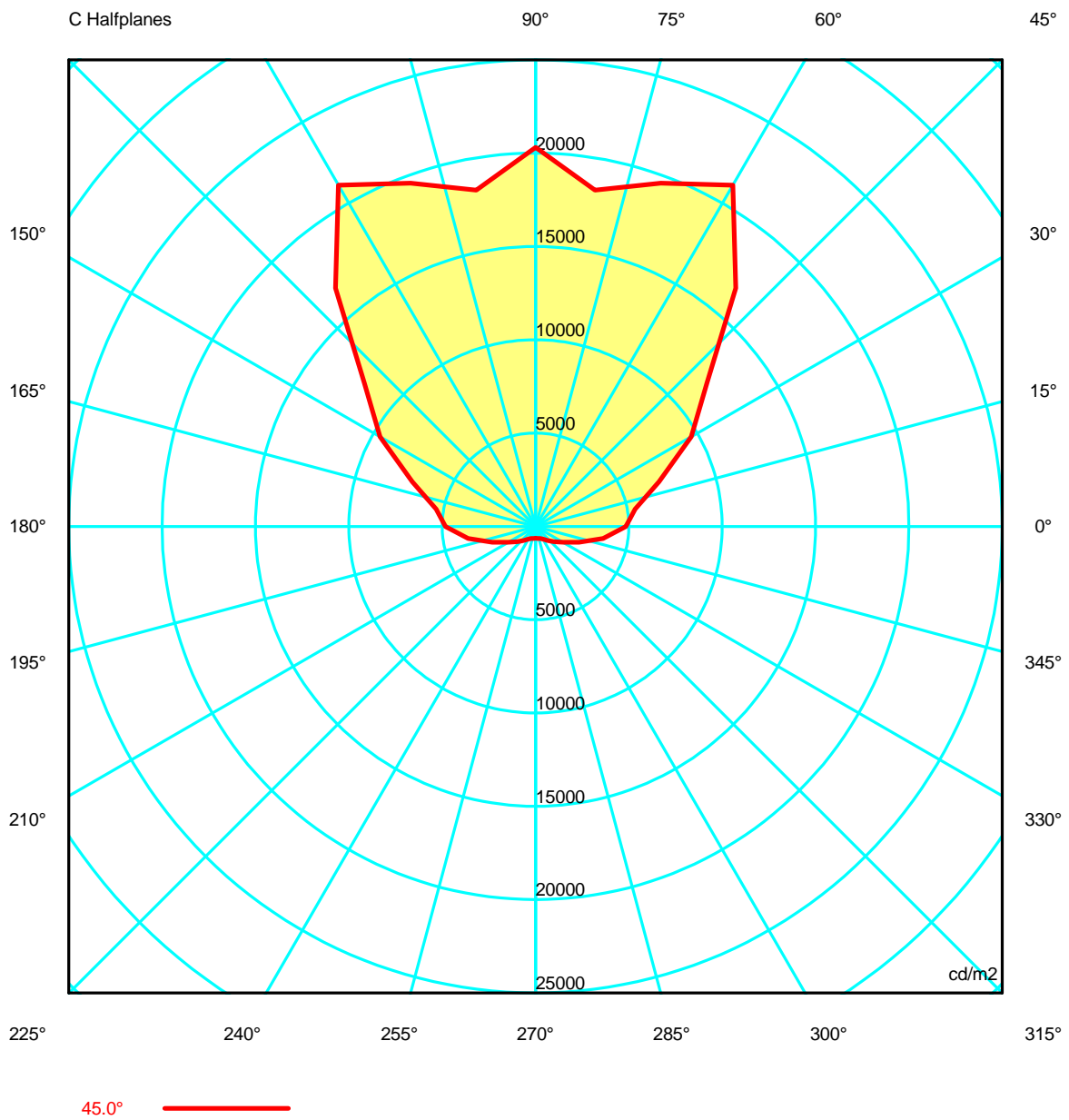
Code EP-0356-1400V1U  
 Name Downlight Ind. 1 led 3W 700mA

**Measur.**

Code EP-0356-N3-00  
 Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

Luminance





**Luminaire**

Code EP-0356-1400V1U  
Name Downlight Ind. 1 led 3W 700mA

**Measuram.**

Code EP-0356-N3-00  
Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

**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	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54
G 5.0	11333.71	11823.36	12362.71	12894.09	13247.76	13869.38	14673.55	15032.51	14903.76	14486.85	14903.76	15032.51	14673.55
G 10.0	11098.16	12034.39	13204.64	14431.31	15266.89	16501.44	17829.36	17956.70	18082.63	18439.08	18082.63	17956.70	17829.36
G 15.0	10555.95	11967.17	13814.10	15751.30	16957.05	18744.66	20713.06	20846.22	21078.39	21409.59	21078.39	20846.22	20713.06
G 20.0	9874.05	11530.23	14011.38	16720.91	18126.47	20207.95	22574.33	22567.14	22710.10	23661.71	22710.10	22567.14	22574.33
G 25.0	8728.40	10489.72	13605.99	17066.83	18462.30	20836.64	23858.00	23794.80	23932.13	25142.53	23932.13	23794.80	23858.00
G 30.0	7508.92	9325.56	12603.78	16271.53	17974.13	21011.21	24613.66	24274.33	24277.95	25843.44	24277.95	24274.33	24613.66
G 35.0	6230.04	7625.82	10664.25	14570.38	16958.13	20685.02	24444.05	23773.78	23375.75	25540.13	23375.75	23773.78	24444.05
G 40.0	5298.60	6355.30	8914.15	12361.21	14781.60	19129.95	23369.88	22097.65	21086.43	23164.80	21086.43	22097.65	23369.88
G 45.0	4826.63	5410.87	7031.35	9616.66	11975.76	16678.39	21113.20	19581.43	18301.38	20318.69	18301.38	19581.43	21113.20
G 50.0	4602.90	5410.18	6316.80	7230.88	8254.29	12922.63	18094.19	16626.14	15198.70	17251.09	15198.70	16626.14	18094.19
G 55.0	4620.47	5542.48	6023.41	6254.08	6398.40	9396.70	15310.55	13473.16	12003.89	12948.25	12003.89	13473.16	15310.55
G 60.0	4499.03	5795.64	6486.14	6425.06	5685.50	5031.39	12559.06	35336.95	48610.78	44451.30	48610.78	35336.95	12559.06
G 65.0	4515.81	5912.83	6693.83	7064.16	10868.82	23506.81	46938.89	50583.02	53182.01	57396.97	53182.01	50583.02	46938.89
G 70.0	4276.60	6087.58	7377.73	8169.29	24234.60	44914.69	59955.00	65806.00	68935.19	73326.58	68935.19	65806.00	59955.00
G 75.0	4324.21	5721.56	8302.80	10029.95	7866.31	28685.42	80875.27	86029.12	92315.32	99793.09	92315.32	86029.12	80875.27
G 80.0	3827.17	5654.16	8944.83	11301.30	8699.68	6123.25	4988.46	2412.63	992.60	1735.04	992.60	2412.63	4988.46
G 85.0	3426.69	3756.81	7007.79	9918.13	5615.03	3219.86	3067.68	1802.63	928.85	795.87	928.85	1802.63	3067.68
G 90.0	300.40	93.04	0.00	0.00	0.00	0.00	0.00	433.09	710.38	849.38	710.38	433.09	0.00

**Luminaire**

Code EP-0356-1400V1U  
Name Downlight Ind. 1 led 3W 700mA

**Measurerm.**

Code EP-0356-N3-00  
Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

**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	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54
G 5.0	13869.38	13247.76	12894.09	12362.71	11823.36	11333.71	10746.77	10231.42	9777.15	9262.38	9084.96	9150.99	8924.25
G 10.0	16501.44	15266.89	14431.31	13204.64	12034.39	11098.16	10071.77	9098.87	8301.69	7690.62	7293.79	7015.73	6703.38
G 15.0	18744.66	16957.05	15751.30	13814.10	11967.17	10555.95	9051.57	7705.25	6728.79	6101.32	5693.43	5396.95	5156.37
G 20.0	20207.95	18126.47	16720.91	14011.38	11530.23	9874.05	8090.81	6606.32	5615.14	4844.21	4312.25	4002.48	3804.91
G 25.0	20836.64	18462.30	17066.83	13605.99	10489.72	8728.40	6897.17	5320.11	4331.35	3805.76	3382.25	2969.86	2737.85
G 30.0	21011.21	17974.13	16271.53	12603.78	9325.56	7508.92	5799.10	4409.55	3510.13	2891.79	2431.49	2114.59	1973.74
G 35.0	20685.02	16958.13	14570.38	10664.25	7625.82	6230.04	4727.71	3471.40	2726.97	2216.68	1800.37	1494.73	1375.71
G 40.0	19129.95	14781.60	12361.21	8914.15	6355.30	5298.60	4132.20	2985.17	2144.56	1620.34	1279.03	1054.39	953.88
G 45.0	16678.39	11975.76	9616.66	7031.35	5410.87	4826.63	3676.22	2476.95	1701.47	1268.48	982.65	773.50	688.15
G 50.0	12922.63	8254.29	7230.88	6316.80	5410.18	4602.90	3397.42	2206.99	1372.32	947.36	741.25	619.21	558.12
G 55.0	9396.70	6398.40	6254.08	6023.41	5542.48	4620.47	3142.36	1855.95	1133.56	787.01	612.19	506.98	464.16
G 60.0	5031.39	5685.50	6425.06	6486.14	5795.64	4499.03	2891.01	1632.63	941.54	631.30	507.66	455.77	439.73
G 65.0	23506.81	10868.82	7064.16	6693.83	5912.83	4515.81	2700.94	1377.42	809.59	569.41	472.93	440.53	434.32
G 70.0	44914.69	24234.60	8169.29	7377.73	6087.58	4276.60	2274.54	1233.99	705.17	493.84	439.97	442.01	458.91
G 75.0	28685.42	7866.31	10029.95	8302.80	5721.56	4324.21	2359.92	951.05	629.51	511.45	469.53	500.39	537.85
G 80.0	6123.25	8699.68	11301.30	8944.83	5654.16	3827.17	2036.58	922.92	588.56	505.59	516.21	584.47	686.41
G 85.0	3219.86	5615.03	9918.13	7007.79	3756.81	3426.69	1931.20	791.66	656.55	660.95	711.01	845.86	1027.62
G 90.0	0.00	0.00	0.00	0.00	93.04	300.40	90.89	0.00	0.00	0.00	0.00	0.00	0.00

**Luminaire**

Code EP-0356-1400V1U  
Name Downlight Ind. 1 led 3W 700mA

**Measurment.**

Code EP-0356-N3-00  
Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

**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	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54	11429.54
G 5.0	8586.87	8299.51	8586.87	8924.25	9150.99	9084.96	9262.38	9777.15	10231.42	10746.77
G 10.0	6483.50	6392.22	6483.50	6703.38	7015.73	7293.79	7690.62	8301.69	9098.87	10071.77
G 15.0	4943.36	4741.59	4943.36	5156.37	5396.95	5693.43	6101.32	6728.79	7705.25	9051.57
G 20.0	3692.03	3634.16	3692.03	3804.91	4002.48	4312.25	4844.21	5615.14	6606.32	8090.81
G 25.0	2603.01	2482.93	2603.01	2737.85	2969.86	3382.25	3805.76	4331.35	5320.11	6897.17
G 30.0	1903.64	1833.74	1903.64	1973.74	2114.59	2431.49	2891.79	3510.13	4409.55	5799.10
G 35.0	1297.23	1177.63	1297.23	1375.71	1494.73	1800.37	2216.68	2726.97	3471.40	4727.71
G 40.0	882.86	790.76	882.86	953.88	1054.39	1279.03	1620.34	2144.56	2985.17	4132.20
G 45.0	658.42	632.82	658.42	688.15	773.50	982.65	1268.48	1701.47	2476.95	3676.22
G 50.0	527.96	507.51	527.96	558.12	619.21	741.25	947.36	1372.32	2206.99	3397.42
G 55.0	459.64	471.07	459.64	464.16	506.98	612.19	787.01	1133.56	1855.95	3142.36
G 60.0	435.66	432.43	435.66	439.73	455.77	507.66	631.30	941.54	1632.63	2891.01
G 65.0	442.22	457.82	442.22	434.32	440.53	472.93	569.41	809.59	1377.42	2700.94
G 70.0	485.13	519.07	485.13	458.91	442.01	439.97	493.84	705.17	1233.99	2274.54
G 75.0	574.88	615.33	574.88	537.85	500.39	469.53	511.45	629.51	951.05	2359.92
G 80.0	741.82	771.14	741.82	686.41	584.47	516.21	505.59	588.56	922.92	2036.58
G 85.0	1168.30	1250.68	1168.30	1027.62	845.86	711.01	660.95	656.55	791.66	1931.20
G 90.0	26.96	127.44	26.96	0.00	0.00	0.00	0.00	0.00	0.00	90.89

**Luminaire**

Code EP-0356-1400V1U  
 Name Downlight Ind. 1 led 3W 700mA

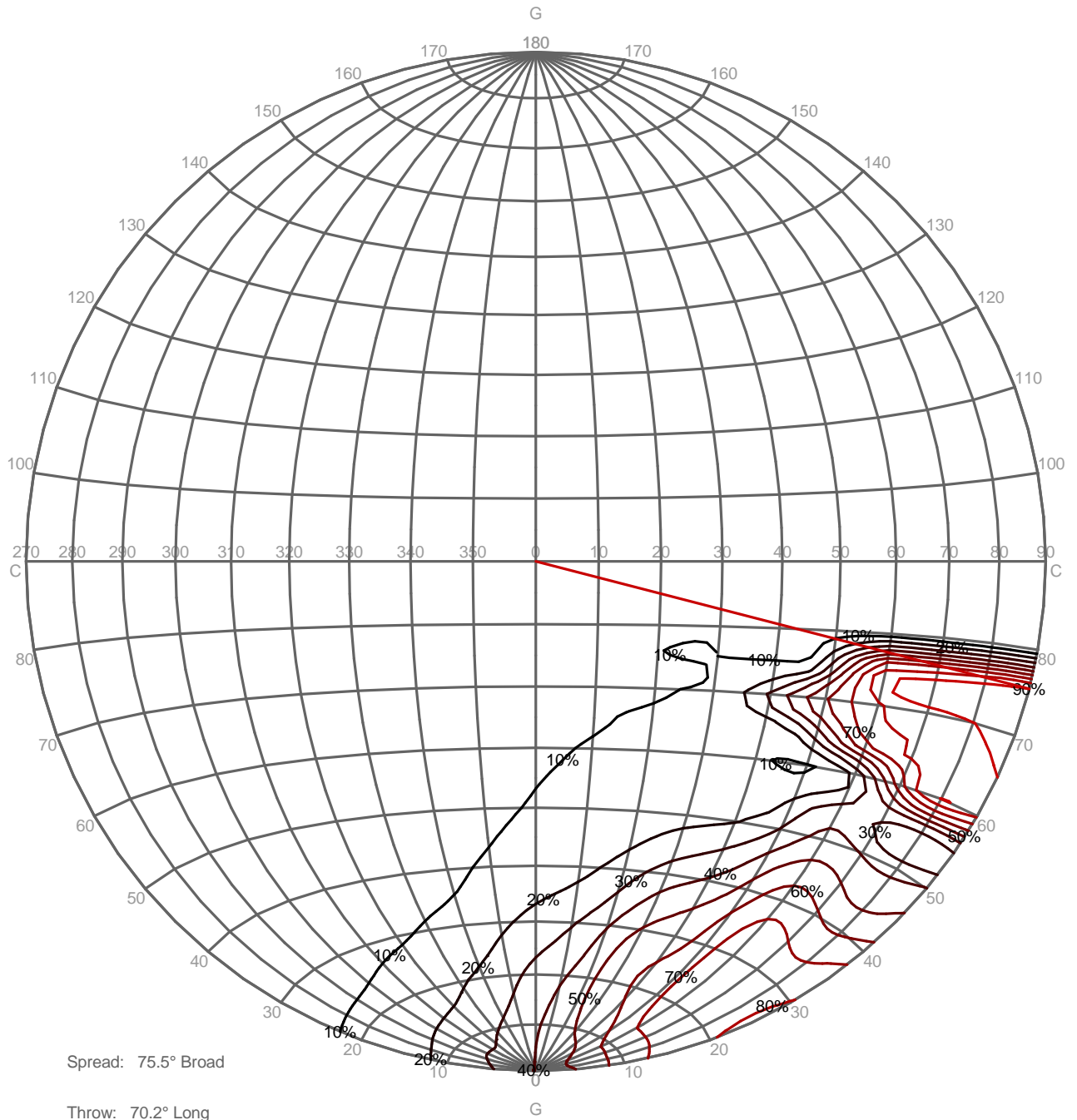
**Measur.**

Code EP-0356-N3-00  
 Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

**PERCENTAGE ISOCANDLES**

Projection: Equal Area SLI 9.9 Tight Tilting Angle:0°



# LEDS C4<sup>®</sup>

**Luminaire**

Code EP-0356-1400V1U  
 Name Downlight Ind. 1 led 3W 700mA

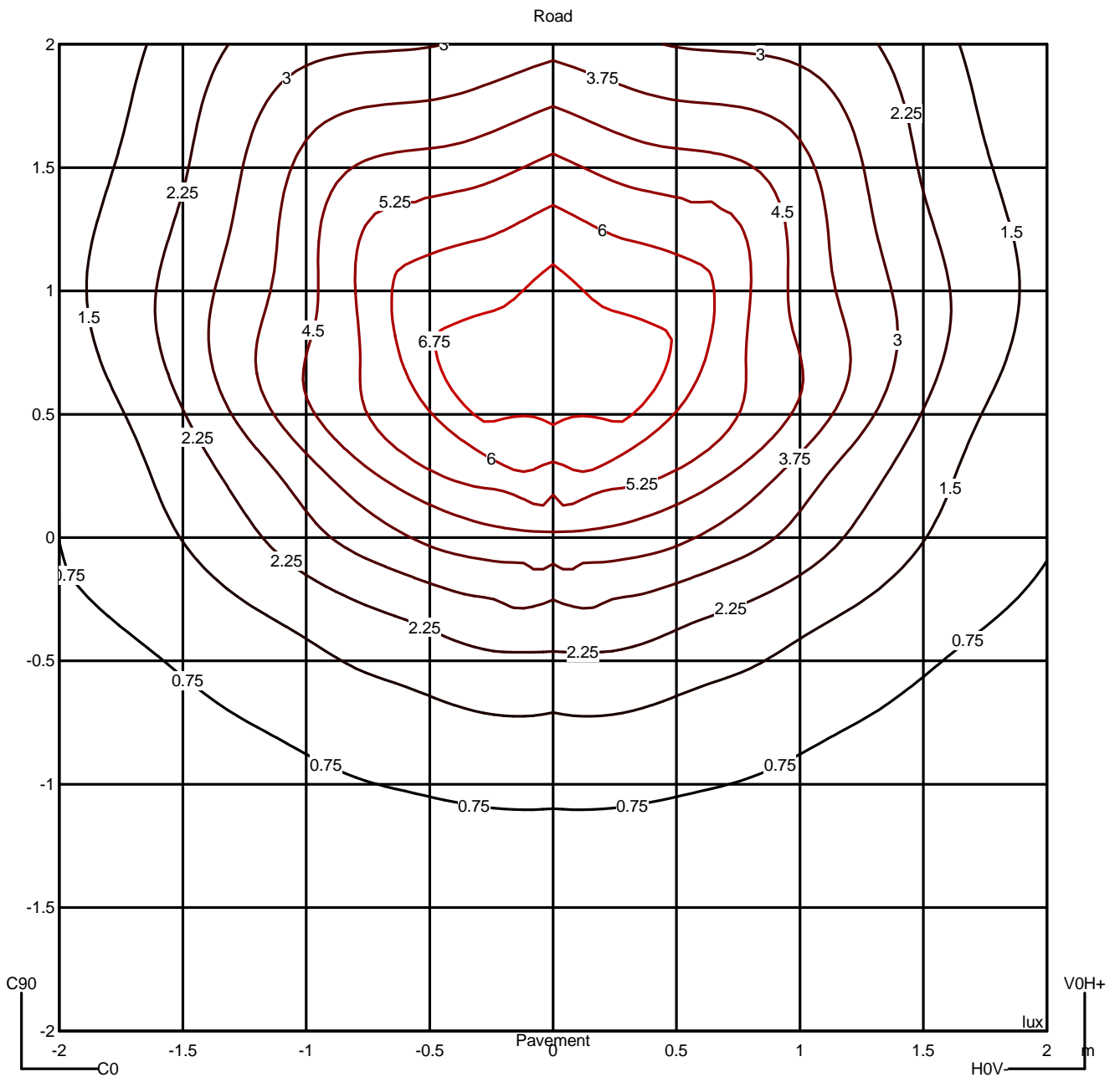
**Measur.**

Code EP-0356-N3-00  
 Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

Isolux (Floor)

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



# LEDS C4<sup>®</sup>

## Luminaire

Code EP-0356-1400V1U  
Name Downlight Ind. 1 led 3W 700mA

## Measur.

Code EP-0356-N3-00  
Name Downlight Ind. 1 led 3W 700mA

Luminaire Flux	80.32 lm	Luminaire Power	3.00 W	Efficacy	26.77 lm/W	Efficiency	100.00%
Lamps Flux	80.32 lm	Maximum value	843.77 cd/klm	Position	C=90.00 G=75.00	CG	Sym. on planes 270-90

		Average Luminance [cd/m <sup>2</sup> ]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	4827	4603	4620	4499	4516	4277	4324	3827	3427	---	
90.0°	20319	17251	12948	44451	57397	73327	99793	1735	796	---	

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

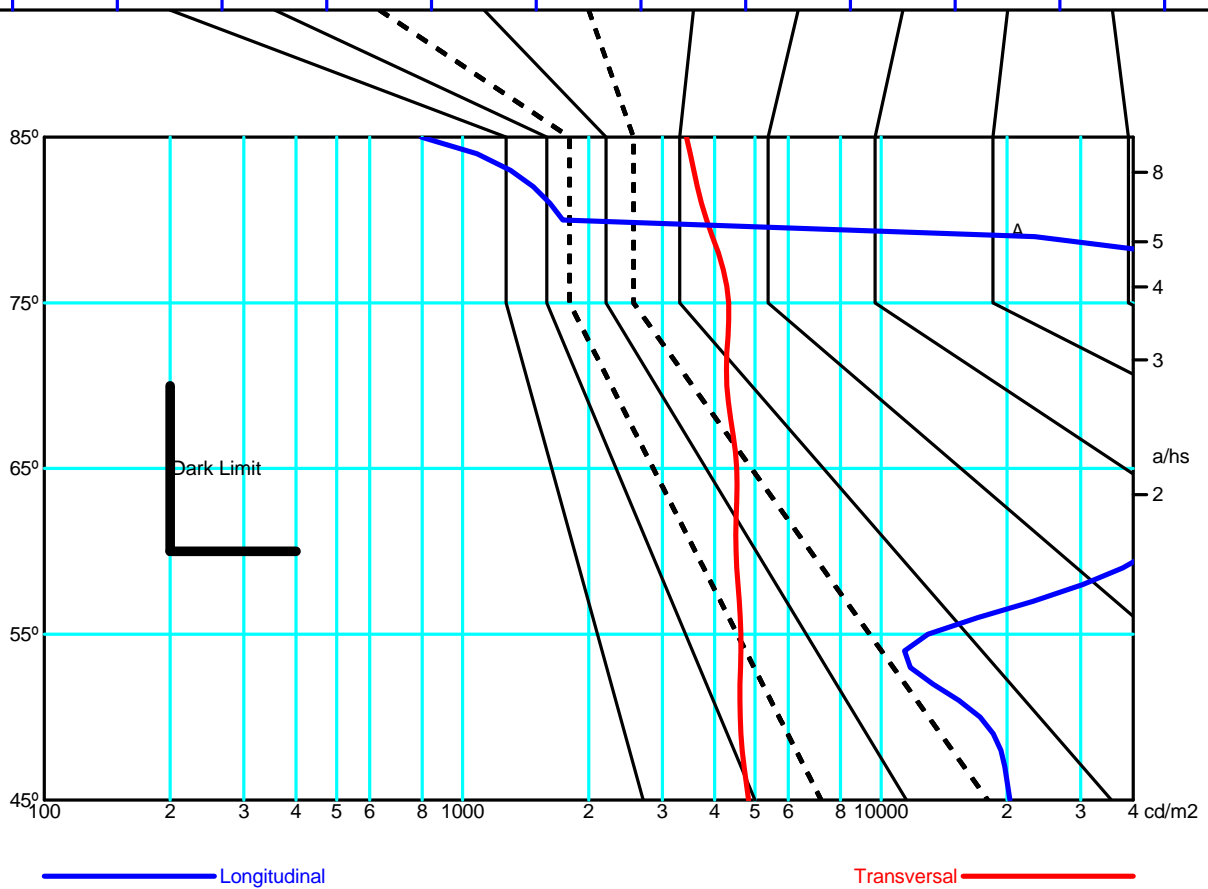
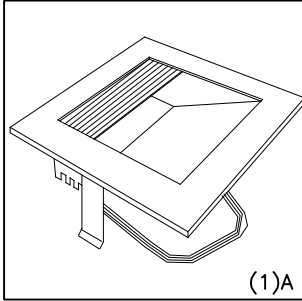


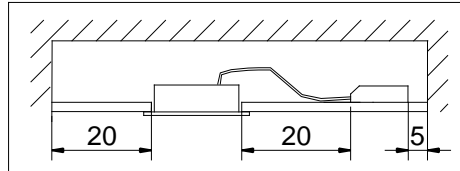
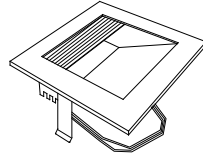
FIGURE N° 1. UNPACK THE FIXTURE: CHECK THE CONTENTS OF THE BOX. YOU SHOULD RECEIVE:

6

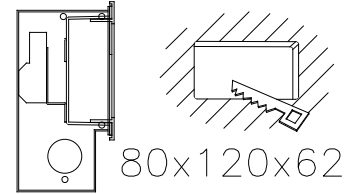
FIGURE N° 1. DÉBALLER LE PLAFONIER: VÉRIFIER LE CONTENU DU CARTON, VOUS DEVEZ RECEVOIR:



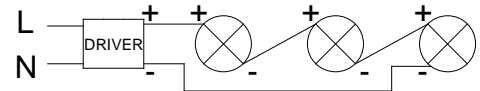
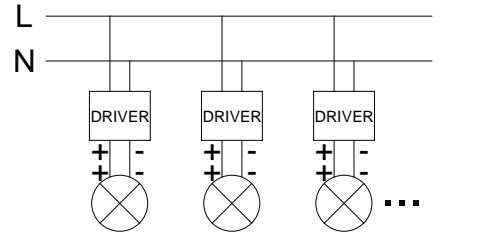
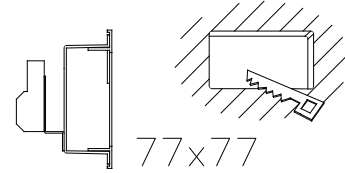
(1)A



With box  
Avec Boîte

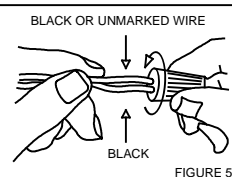
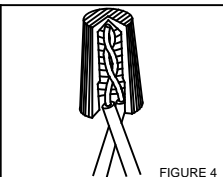
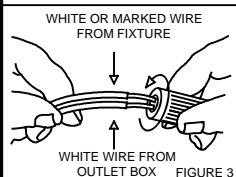


Without box  
Sans Boîte



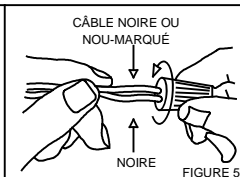
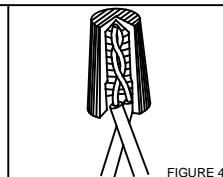
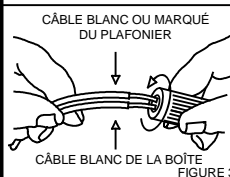
**INSTALLATION INSTRUCTIONS FOR HANGING FIXTURES**

FIGURE 3, 4 AND 5 MOUNTING HARDWARE.  
NOTE: TEST THE CONNECTOR BY GENTLY PULLING IT. IF IT PULLS OUT THE CONNECTION, TRY AGAIN TILL YOU HAVE A FIRM CONNECTION. MAKE SURE NO BARE STRANDS OF WIRE STICK OUT FROM UNDER THE CONNECTORS.



**INSTRUCTIONS D'INSTALLATION POUR PLAFONNIERS**

FIGURE 3, 4 ET 5 MONTAGE DE L'ÉQUIPE.  
IMPORTANT: ESSAYER DE TIRER LE CÂBLE D'ALIMENTATION DOUCEMENT. S'IL SORT DE LA CONNEXION, IL FAUDRAIT ASSURER QUE LA CONNEXION SOIT FERME. S'ASSURER QUE LES FILS DES CÂBLES NE SONT PAS À DÉCOUVERT DU CONNECTEUR.



**CAUTION:**  
"Warning", "This product is to be installed by a qualified electrician only."  
"Suitable for dry locations only"

**ATTENTION:**  
"Attention", le raccordement électrique sera effectué par un technicien électrique qualifié  
"Adéquat seulement en lieux secs."

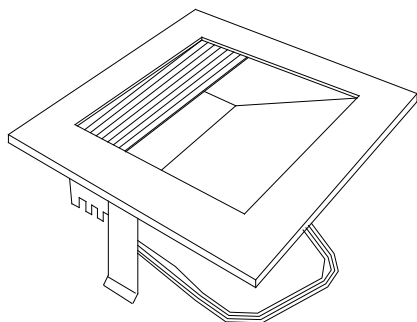
**CAUTION:**  
1.- Wrong lighting installation can be dangerous for your safety.  
2.- Before starting, disconnect the power by turning off the general switch of the electric installation.  
3.- Install light bulbs (not provided) that must not exceed markings on the fixture.  
4.- To change the bulbs, disconnect the power by turning off the general switch and wait for the bulbs cool down.

**INSTALLATION:**  
1.- Make electrical connections, carefully read the Electrical Connection section.  
2.- Assemble lighting onto the outlet box as shown on fig. 6, 7, 8, 9, 10 & 11.  
**ELECTRICAL CONNECTIONS:** (See fig. 3,4 y 5)  
1.- Connect the white wire from the fixture to the white wire of the electric installation.  
2.- Connect the black wire from the fixture to the black wire of the electric installation.  
3.- Connect the grounding conductor from the fixture to the grounding wire of the electric installation.  
4.- Spread out the electrical wires so that the black ones are on one side of the outlet box and the white ones are on the other side, and carefully introduce them into the outlet box.

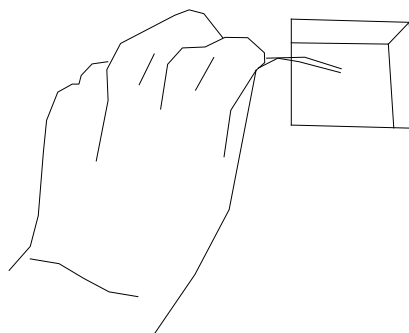
**ATTENTION:**  
1. Une mauvaise installation peut compromettre votre sécurité.  
2. Déconnecter la tension du réseau d'alimentation avant de réaliser toute opération.  
3. Installer les ampoules (non fournies), ne pas utiliser d'ampoules d'un autre type ou d'une puissance supérieure à celle indiquée sur l'étiquette de la lampe.  
4. Pour changer les ampoules, déconnecter la tension du réseau d'alimentation et laisser refroidir les ampoules.  
**INSTALLATION:**  
1. Connecter au réseau, lire attentivement la section de "Raccordements électriques"  
2. Installer l'appareil à la boîte de distribution comme indiqué dans les dessins 6, 7, 8, 9, 10 et 11.  
**RACCORDEMENTS ÉLECTRIQUES (dessins 3,4 et 5)**  
1. Connecter le câble blanc de l'appareil au câble blanc de l'installation électrique.  
2. Connecter le câble noir de l'appareil au câble noir de l'installation électrique.  
3. Connecter le câble conducteur de prise de terre au câble de prise de terre de l'installation électrique.  
4. Distribuer les câbles pour que tout le câblage noir soit par dehors et le câblage blanc soit par dedans. Ajuster et immobiliser à la boîte sans coincer aucun câble.



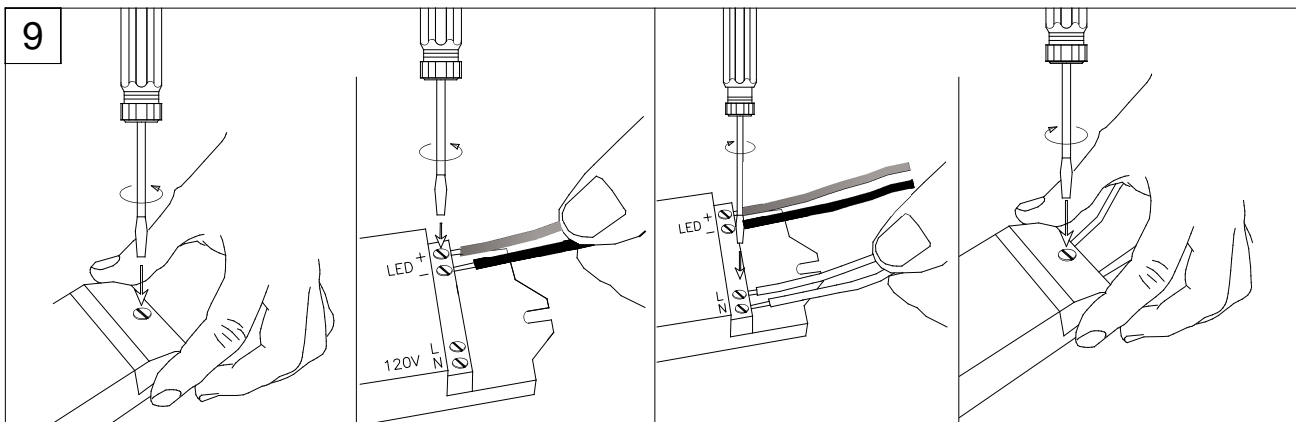
7



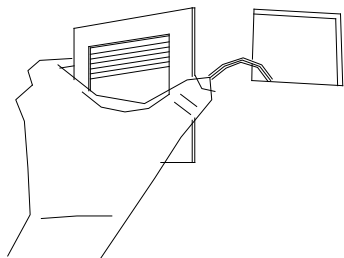
8



9



10



11

