

DE-0272-BLA

Pie Ding LED 6.6W 3000K ON-OFF Blanco 520.00

CARACTERÍSTICAS TÉCNICAS



Potencia total luminaria : 6.6W

Lúmenes reales : 326

Lúmenes nominales : 520

Lm / W reales : 49

Ángulo Ópticas / Reflector : FLOOD 79°

Material de la estructura : Aluminio, Acero

Acabado estructura : Blanco

Material del difusor : Policarbonato

Acabado difusor : Opal

Voltaje / Frecuencia : 100-240V ~ 50/60Hz

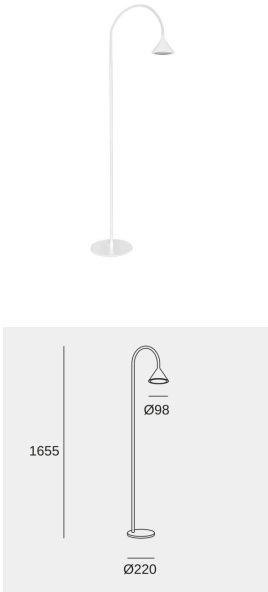
Protocolo de regulación : ON-OFF

Power Factor : 0.40

Vida útil : 36.000h L70B30

Garantía : 2 Años

Luminaria fácilmente reciclable



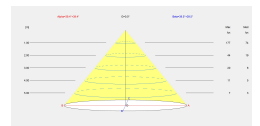
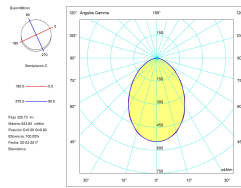
CARACTERÍSTICAS LUMINOTÉCNICAS

CRI: 80

MacAdam steps: 3

Riesgo fotobiológico: RG0

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
LED	1	4.8W	3000K



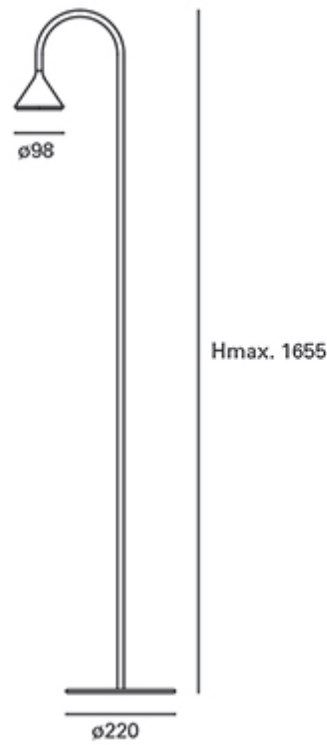
LOGÍSTICA

Peso neto (Kg): 2.24

Peso embalado (Kg): 2.75

Embalaje: 235mm x 105mm x 510mm





Luminaire

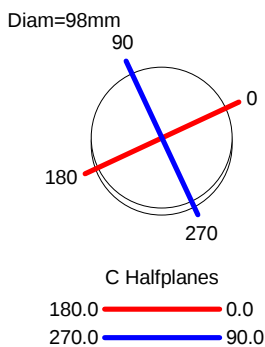
Code DE-0272-BLA
Name Pie led 7W 3000K

Measurem.

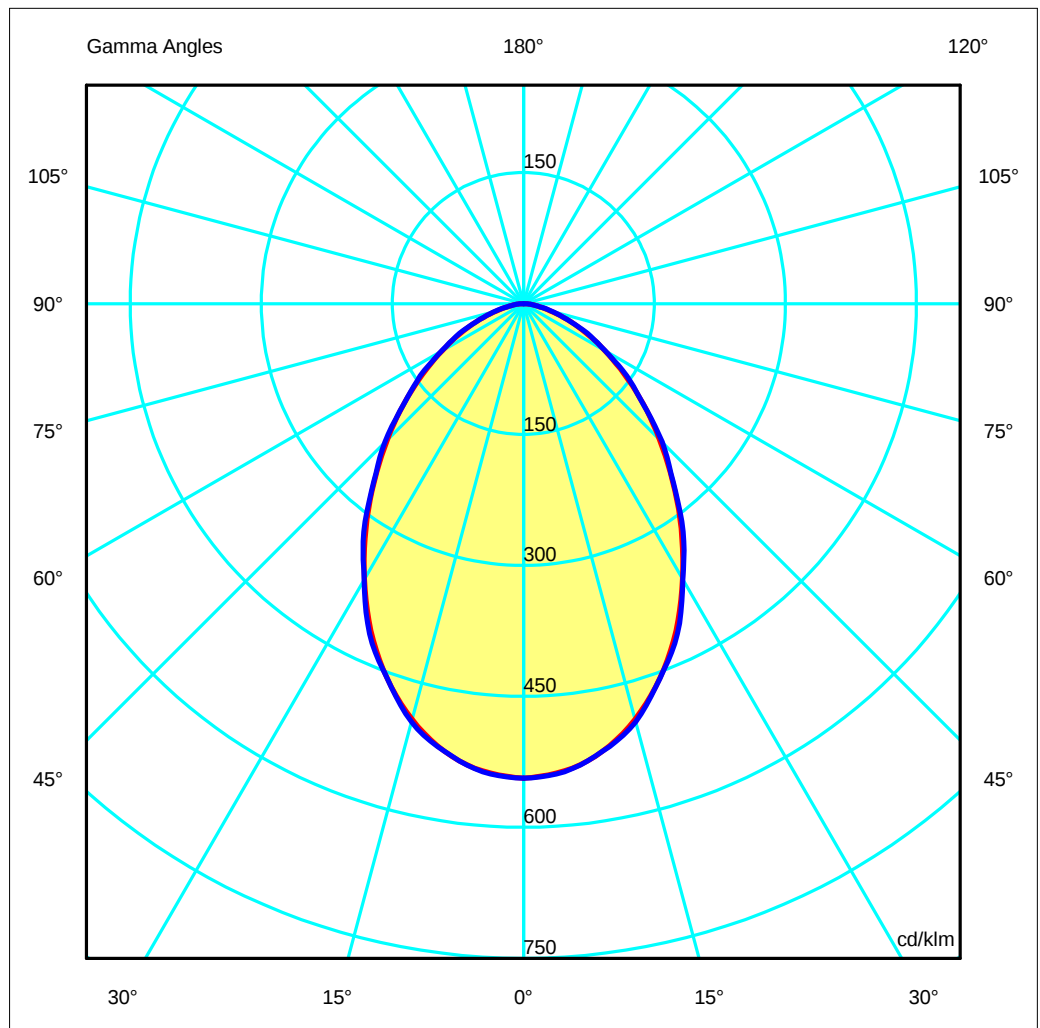
Code CL116A17F083G
Name Pie led 7W 3000K

Luminaire Flux	325.73 lm	Luminaire Power	6.13 W	Efficacy	53.14 lm/W	Efficiency	100.00%
Lamps Flux	325.73 lm	Maximum value	543.64 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	98 mm 74 mm	Height Height	80 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.004301 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.001040 m2	
Coordinate system Date Measurement Distance		CG 20-03-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 90 325.73 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C 60.00 %		Source Voltage [V] Source current [A] Photocell			

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		DE-0272-BLA		Name DE-0272-BLA		325.73	6.13	1
C.I.E.	60 88 98 100 100			D DIN 5040	A40			
F UTE	1.00 D			B NBN	BZ 3			



ULOR 0.00 %
DLOR100.00 %
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	543.64	543.64	543.64	543.64	543.64	543.64	543.64
G 5.0	537.31	537.14	536.87	537.78	537.55	536.98	538.20
G 10.0	520.83	520.40	520.22	520.73	520.36	520.41	520.81
G 15.0	492.90	492.40	492.65	493.16	493.66	492.28	495.96
G 20.0	456.51	455.92	455.95	456.81	456.53	456.15	456.61
G 25.0	413.08	412.93	412.87	413.03	414.79	412.67	417.17
G 30.0	364.26	364.73	364.56	365.37	364.80	365.10	364.88
G 35.0	314.54	316.41	314.20	315.25	317.59	315.61	318.75
G 40.0	265.73	267.91	265.90	266.85	267.15	269.31	266.50
G 45.0	220.13	221.60	219.64	220.97	221.64	220.99	224.49
G 50.0	179.01	180.02	178.29	178.58	180.21	182.25	178.60
G 55.0	140.72	142.44	140.70	142.13	142.59	141.42	144.19
G 60.0	107.13	108.91	107.36	108.32	108.15	110.74	107.66
G 65.0	78.41	79.77	79.26	79.89	79.58	78.95	80.61
G 70.0	53.29	54.30	53.08	54.14	54.48	55.63	53.32
G 75.0	31.40	32.43	32.37	32.71	32.28	32.04	33.25
G 80.0	17.17	17.17	16.71	17.28	17.03	17.96	16.43
G 85.0	6.92	7.23	7.44	7.31	7.23	6.97	7.70
G 90.0	1.01	1.09	1.10	1.11	1.05	1.03	1.01

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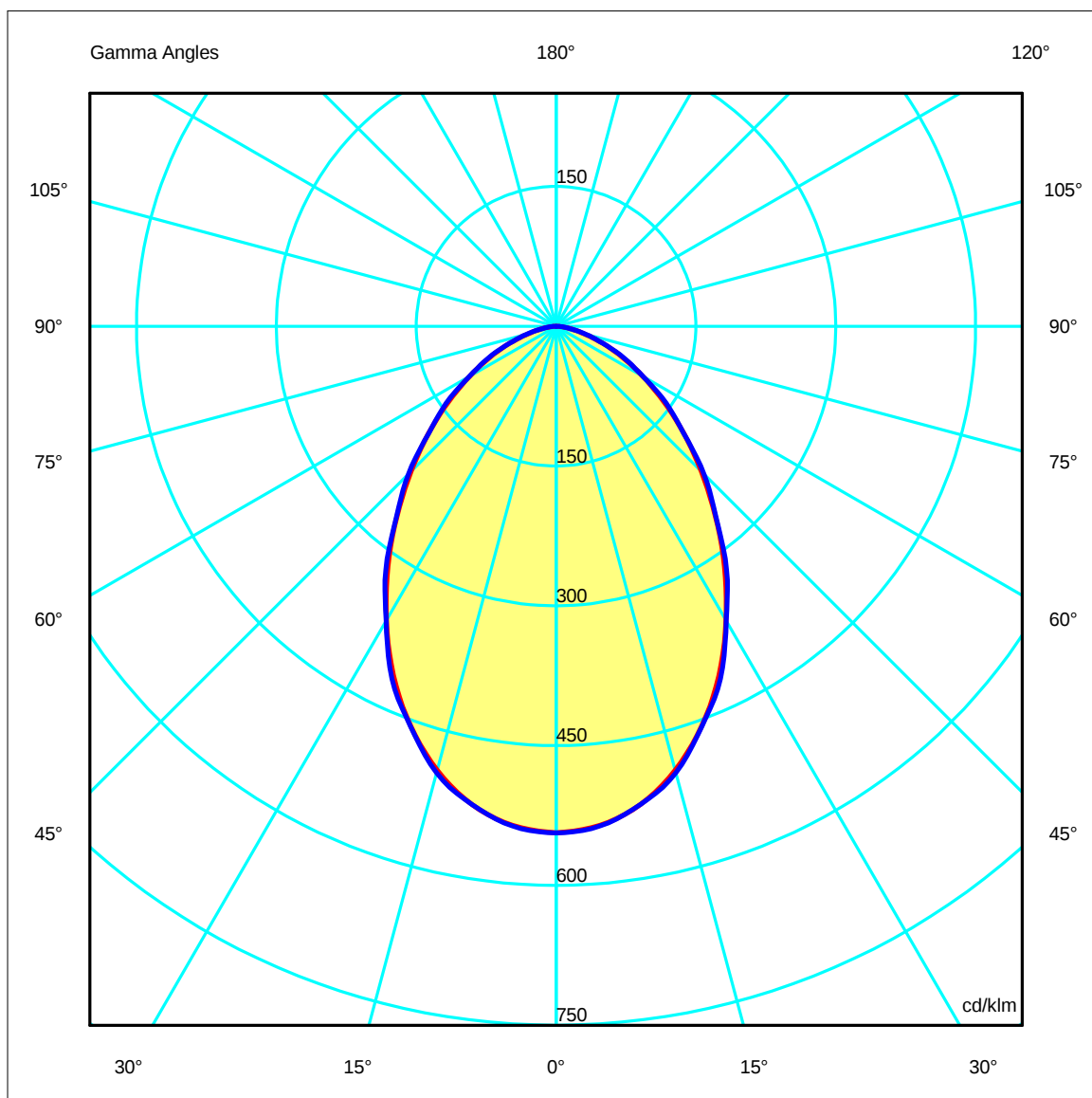
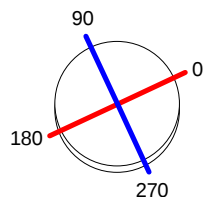
Luminaire Flux	325.73 lm	Luminaire Power	6.13 W	Efficacy	53.14 lm/W	Efficiency	100.00%
Lamps Flux	325.73 lm	Maximum value	543.64 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=98mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



Luminaire

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Measurem.

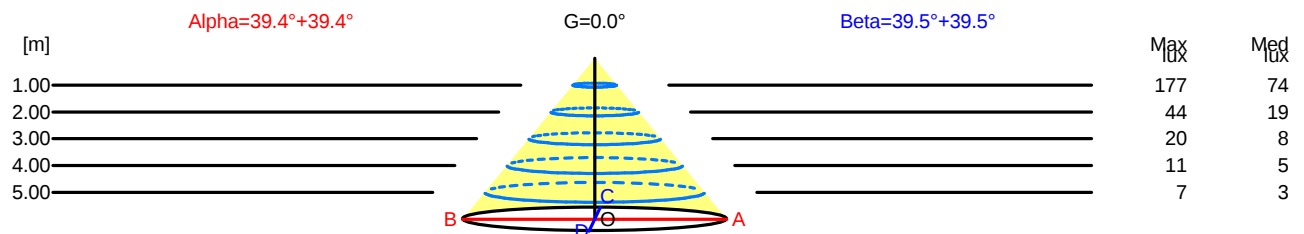
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Lamps Flux	325.73 lm	Maximum value	543.64 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.82	1.64	2.46	3.28	4.10	OC	0.82	1.65	2.47	3.29	4.12
OB	0.82	1.64	2.46	3.28	4.10	OD	0.82	1.65	2.47	3.29	4.12

	0	5	15	25	35	45	55	65	75	85
OA	177.08	175.02	160.55	134.55	102.46	71.70	45.84	25.54	10.23	2.25
OB	177.08	175.02	160.55	134.55	102.46	71.70	45.84	25.54	10.23	2.25
OC	177.08	175.31	161.55	135.88	103.83	73.12	46.97	26.26	10.83	2.51
OD	177.08	175.31	161.55	135.88	103.83	73.12	46.97	26.26	10.83	2.51



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4°	G=0.0
1.00	1.64	177	74		
2.00	3.28	44	19		
3.00	4.92	20	8		
4.00	6.56	11	5		
5.00	8.20	7	3		

H[m]	D[m]	Max lux	Med lux	Beta=39.5°+39.5°	G=0.0
1.00	1.65	177	74		
2.00	3.29	44	19		
3.00	4.94	20	8		
4.00	6.59	11	5		
5.00	8.23	7	3		

Luminaire

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Measur.

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Lamps Flux	325.73 lm	Maximum value	543.64 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	22.0	23.1	22.3	23.3	23.6	22.0	23.2	22.3	23.4	23.6
x=2H y=3H	22.9	24.0	23.2	24.2	24.5	23.0	24.0	23.3	24.3	24.5
x=2H y=4H	23.2	24.2	23.5	24.5	24.8	23.3	24.3	23.6	24.5	24.8
x=2H y=6H	23.4	24.3	23.7	24.6	24.9	23.5	24.4	23.8	24.6	24.9
x=2H y=8H	23.4	24.3	23.8	24.6	25.0	23.5	24.3	23.8	24.6	25.0
x=2H y=12H	23.5	24.3	23.8	24.6	25.0	23.5	24.3	23.9	24.7	25.0
x=4H y=2H	22.5	23.5	22.8	23.7	24.1	22.5	23.5	22.9	23.8	24.1
x=4H y=3H	23.6	24.4	24.0	24.7	25.1	23.6	24.5	24.0	24.8	25.1
x=4H y=4H	24.0	24.7	24.4	25.0	25.4	24.0	24.7	24.4	25.1	25.4
x=4H y=6H	24.2	24.9	24.7	25.2	25.7	24.3	24.9	24.7	25.3	25.7
x=4H y=8H	24.3	24.9	24.7	25.3	25.7	24.4	24.9	24.8	25.3	25.7
x=4H y=12H	24.4	24.9	24.8	25.3	25.8	24.4	24.9	24.9	25.3	25.8
x=8H y=4H	24.1	24.7	24.6	25.1	25.6	24.2	24.8	24.6	25.1	25.6
x=8H y=6H	24.5	24.9	24.9	25.4	25.9	24.5	25.0	25.0	25.4	25.9
x=8H y=8H	24.6	25.0	25.1	25.4	26.0	24.7	25.1	25.1	25.5	26.0
x=8H y=12H	24.7	25.0	25.2	25.5	26.1	24.7	25.1	25.2	25.6	26.1
x=12H y=4H	24.1	24.7	24.6	25.1	25.5	24.2	24.7	24.6	25.1	25.5
x=12H y=6H	24.5	24.9	25.0	25.3	25.9	24.5	24.9	25.0	25.4	25.9
x=12H y=8H	24.6	25.0	25.1	25.4	26.0	24.7	25.0	25.2	25.5	26.0

Luminaire

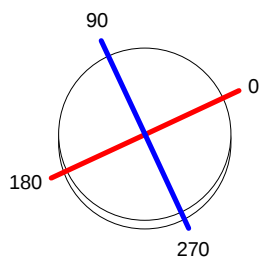
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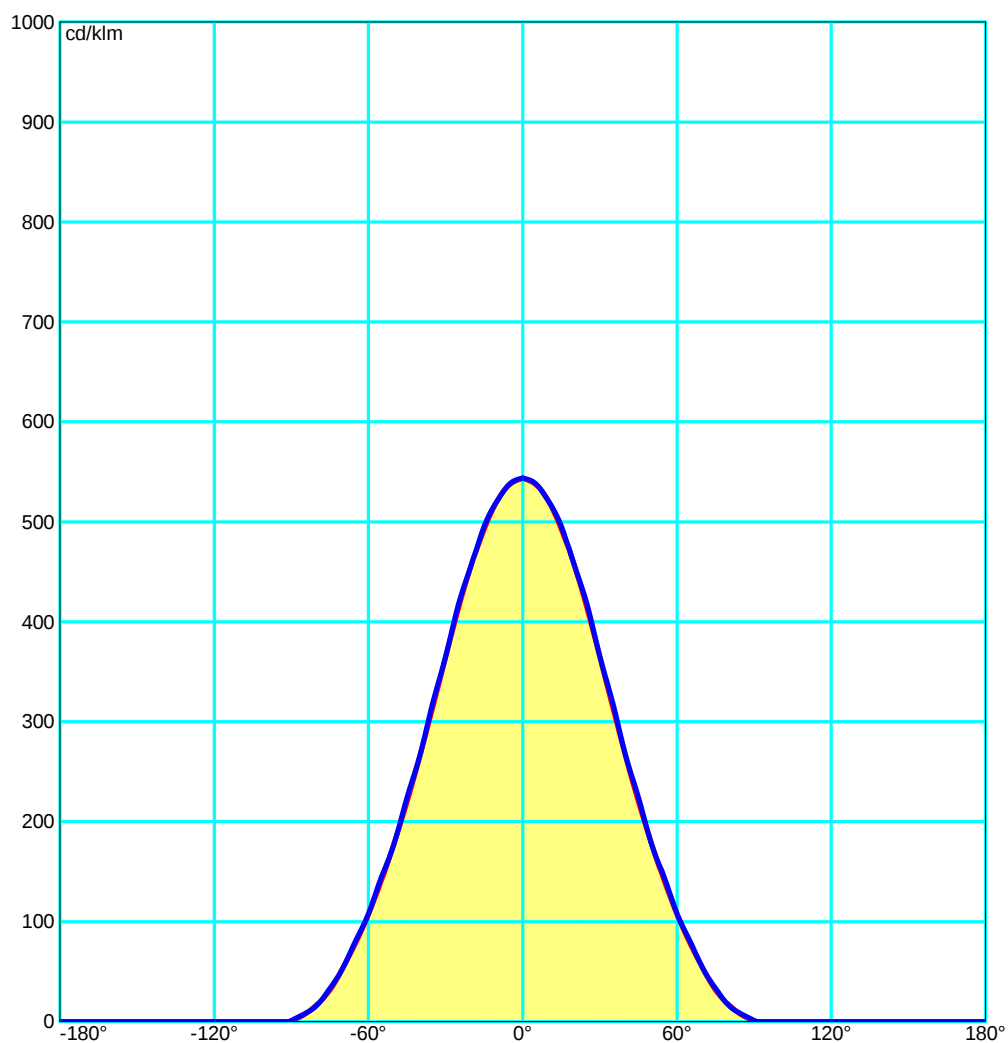
Luminaire Flux	325.73 lm	Luminaire Power	6.13 W	Efficacy	53.14 lm/W	Efficiency	100.00%
Lamps Flux	325.73 lm	Maximum value	543.64 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=98mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

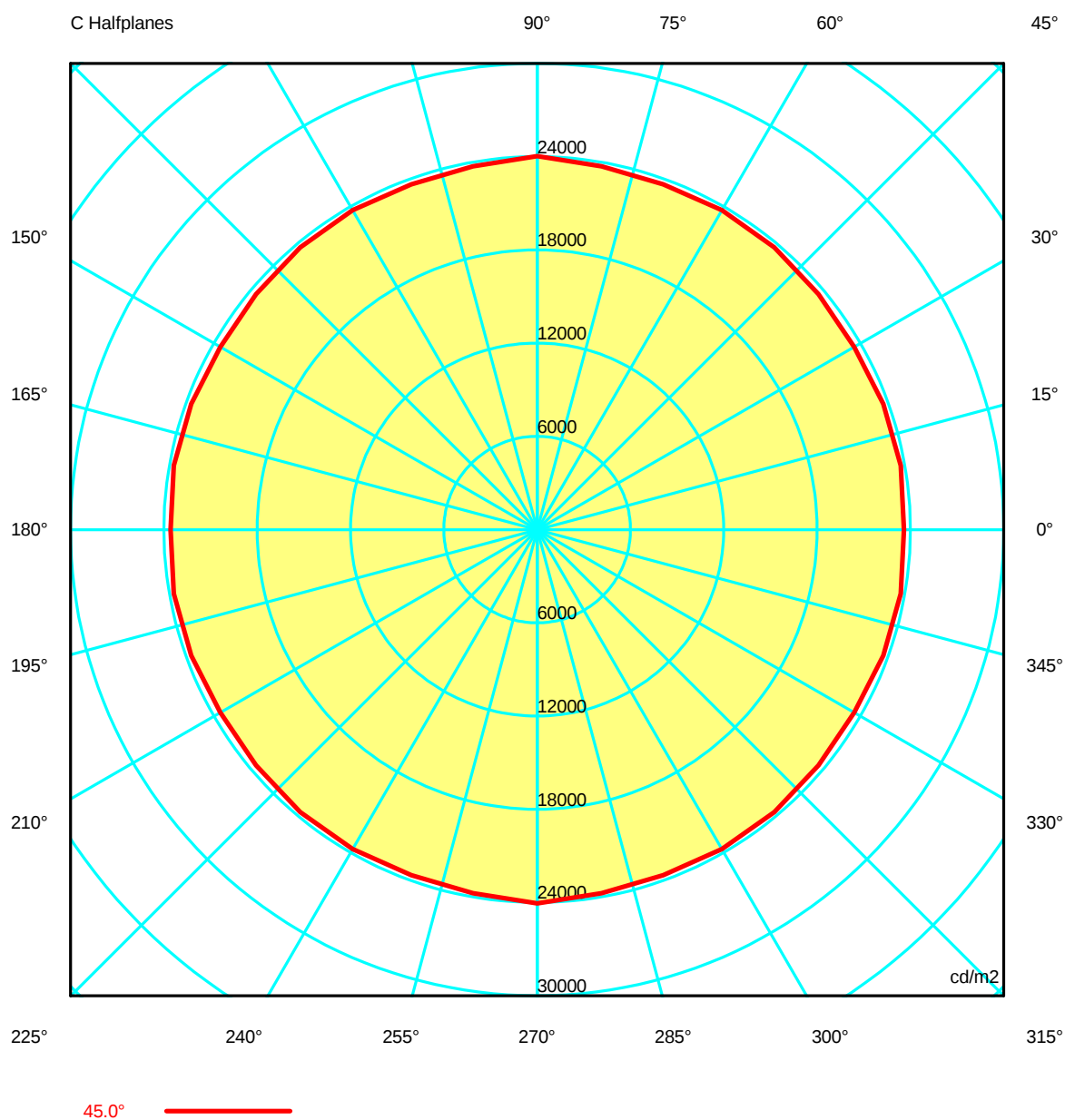
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Measur.

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Luminaire Flux	325.73 lm	Luminaire Power	6.13 W	Efficacy	53.14 lm/W	Efficiency	100.00%
Lamps Flux	325.73 lm	Maximum value	543.64 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Measurerm.

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Luminaire Flux		325.73 lm		Luminaire Power		6.13 W		Efficacy		53.14 lm/W		Efficiency		100.00%	
Lamps Flux		325.73 lm		Maximum value		543.64 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	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78
G 5.0	40847.51	40842.78	40822.51	40814.72	40861.36	40890.58	40866.37	40826.31	40840.02	40915.47	40840.02	40826.31	40866.37	40890.58	40861.36
G 10.0	40053.11	40030.47	40009.18	40006.20	40035.51	40040.62	40016.56	40014.05	40029.54	40051.06	40029.54	40014.05	40016.56	40035.51	40030.47
G 15.0	38645.62	38613.75	38608.26	38626.08	38646.88	38693.40	38705.69	38611.14	38650.27	38886.07	38650.27	38611.14	38705.69	38693.40	38646.88
G 20.0	36792.10	36757.53	36735.95	36746.85	36796.87	36818.69	36793.60	36766.77	36769.06	36799.71	36769.06	36766.77	36793.60	36818.69	36796.87
G 25.0	34517.99	34507.69	34506.09	34500.19	34487.01	34578.37	34660.63	34520.41	34544.59	34859.79	34544.59	34520.41	34660.63	34578.37	34507.69
G 30.0	31853.95	31890.89	31887.97	31880.76	31934.65	31942.40	31901.22	31915.74	31929.24	31908.91	31929.24	31915.74	31901.22	31934.65	31890.89
G 35.0	29080.52	29239.46	29200.98	29048.67	29069.41	29246.01	29362.04	29227.14	29218.70	29469.55	29218.70	29227.14	29362.04	29069.41	29239.46
G 40.0	26271.23	26464.16	26432.84	26288.12	26340.65	26388.35	26410.79	26578.63	26587.60	26347.27	26587.60	26578.63	26410.79	26388.35	26432.84
G 45.0	23576.48	23727.72	23672.54	23524.52	23594.41	23720.76	23738.44	23662.67	23747.30	24043.88	23747.30	23662.67	23738.44	23720.76	23594.41
G 50.0	21090.60	21208.43	21155.19	21005.89	21002.46	21085.99	21231.88	21442.67	21396.44	21042.80	21396.44	21442.67	21231.88	21085.99	21002.46
G 55.0	18580.67	18788.89	18741.59	18577.62	18676.80	18829.48	18827.37	18692.18	18739.40	19038.48	18739.40	18692.18	18827.37	18829.48	18676.80
G 60.0	16227.42	16469.92	16430.06	16261.14	16358.78	16398.58	16380.63	16680.66	16717.04	16306.36	16717.04	16680.66	16380.63	16398.58	16430.06
G 65.0	14051.50	14252.80	14275.74	14202.90	14273.51	14327.93	14260.33	14153.08	14207.13	14445.74	14207.13	14153.08	14260.33	14327.93	14275.74
G 70.0	11801.02	12012.82	11938.35	11754.55	11896.35	12019.20	12063.12	12277.20	12230.55	11806.20	12230.55	12277.20	12063.12	12019.20	11896.35
G 75.0	9187.68	9424.39	9498.28	9473.24	9546.10	9556.86	9446.79	9357.55	9453.15	9728.44	9453.15	9357.55	9446.79	9556.86	9546.10
G 80.0	7488.53	7525.86	7422.23	7286.78	7472.18	7498.08	7429.24	7743.61	7733.70	7167.50	7733.70	7743.61	7429.24	7498.08	7472.18
G 85.0	6013.36	6193.06	6369.16	6463.83	6394.28	6339.71	6278.40	6074.17	6179.68	6694.44	6179.68	6074.17	6278.40	6339.71	6369.16
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	0.00	0.00

Luminaire

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Measurment

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Luminaire Flux		325.73 lm		Luminaire Power		6.13 W		Efficacy		53.14 lm/W		Efficiency		100.00%													
Lamps Flux		325.73 lm		Maximum value		543.64 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	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78
G 5.0	40890.58	40861.36	40814.72	40822.51	40842.78	40847.51	40842.78	40822.51	40814.72	40861.36	40890.58	40866.37	40826.31														
G 10.0	40040.62	40035.51	40006.20	40009.18	40030.47	40053.11	40030.47	40009.18	40006.20	40035.51	40040.62	40016.56	40014.05														
G 15.0	38693.40	38646.88	38626.08	38608.26	38613.75	38645.62	38613.75	38608.26	38626.08	38646.88	38693.40	38705.69	38611.14														
G 20.0	36818.69	36796.87	36746.85	36735.95	36757.53	36792.10	36757.53	36735.95	36746.85	36796.87	36818.69	36793.60	36766.77														
G 25.0	34578.37	34487.01	34500.19	34506.09	34507.69	34517.99	34507.69	34506.09	34500.19	34487.01	34578.37	34660.63	34520.41														
G 30.0	31942.40	31934.65	31880.76	31887.97	31890.89	31853.95	31890.89	31887.97	31880.76	31934.65	31942.40	31901.22	31915.74														
G 35.0	29246.01	29069.41	29048.67	29200.98	29239.46	29080.52	29239.46	29200.98	29048.67	29069.41	29246.01	29362.04	29227.14														
G 40.0	26388.35	26340.65	26288.12	26432.84	26464.16	26271.23	26464.16	26432.84	26288.12	26340.65	26388.35	26410.79	26578.63														
G 45.0	23720.76	23594.41	23524.52	23672.54	23727.72	23576.48	23727.72	23672.54	23524.52	23594.41	23720.76	23738.44	23662.67														
G 50.0	21085.99	21002.46	21005.89	21155.19	21208.43	21090.60	21208.43	21155.19	21005.89	21002.46	21085.99	21231.88	21442.67														
G 55.0	18829.48	18676.80	18577.62	18741.59	18788.89	18580.67	18788.89	18741.59	18577.62	18676.80	18829.48	18827.37	18692.18														
G 60.0	16398.58	16358.78	16261.14	16430.06	16469.92	16227.42	16469.92	16430.06	16261.14	16358.78	16398.58	16380.63	16680.66														
G 65.0	14327.93	14273.51	14202.90	14275.74	14252.80	14051.50	14252.80	14275.74	14202.90	14273.51	14327.93	14260.33	14153.08														
G 70.0	12019.20	11896.35	11754.55	11938.35	12012.82	11801.02	12012.82	11938.35	11754.55	11896.35	12019.20	12063.12	12277.20														
G 75.0	9556.86	9546.10	9473.24	9498.28	9424.39	9187.68	9424.39	9498.28	9473.24	9546.10	9556.86	9446.79	9357.55														
G 80.0	7498.08	7472.18	7286.78	7422.23	7525.86	7488.53	7525.86	7422.23	7286.78	7472.18	7498.08	7429.24	7743.61														
G 85.0	6339.71	6394.28	6463.83	6369.16	6193.06	6013.36	6193.06	6369.16	6463.83	6394.28	6339.71	6278.40	6074.17														
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 DE-0272-BLA
Name Pie led 7W 3000K

Measur.

Code CL116A17F083G
Name Pie led 7W 3000K

Luminaire Flux	325.73 lm	Luminaire Power	6.13 W	Efficacy	53.14 lm/W	Efficiency	100.00%
Lamps Flux	325.73 lm	Maximum value	543.64 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

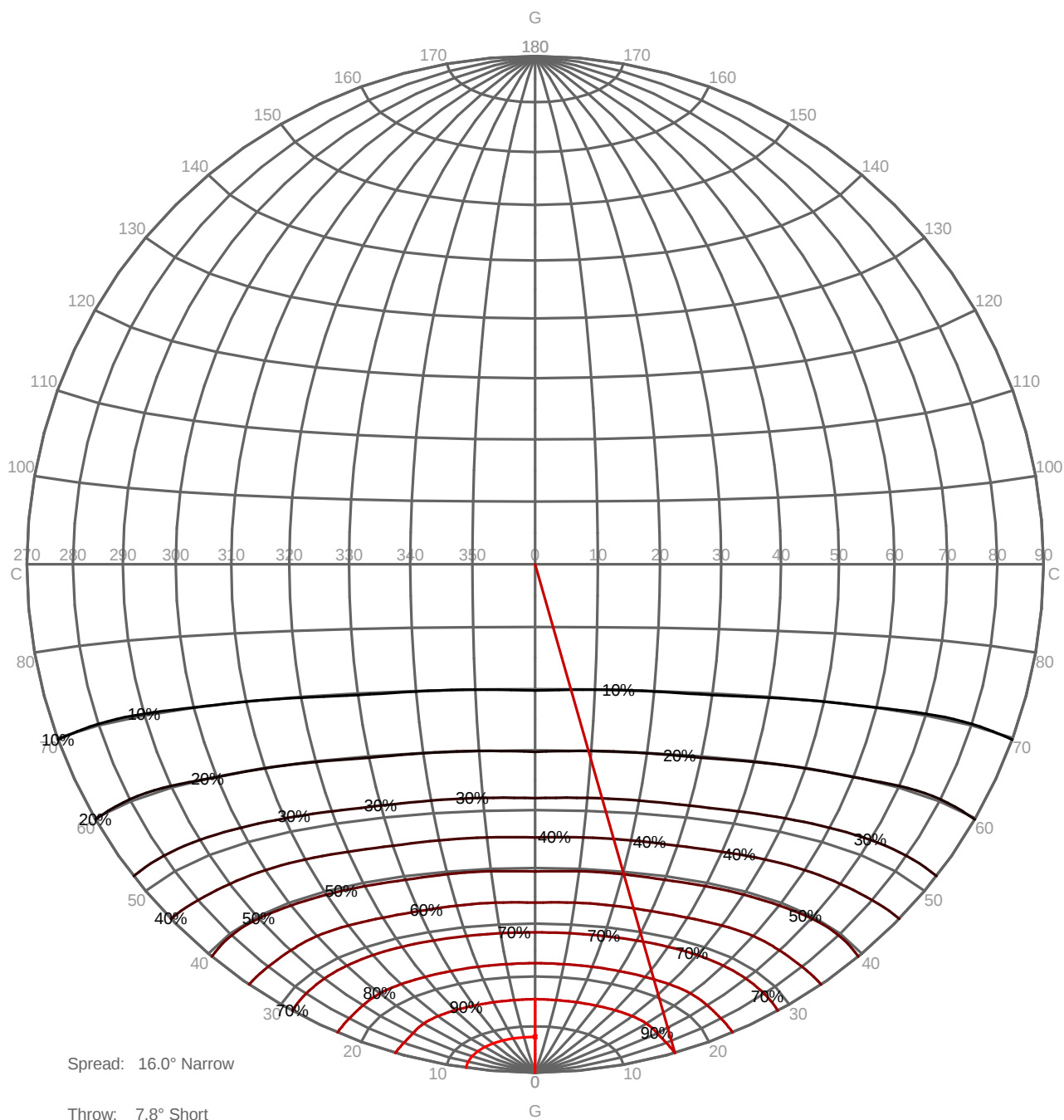
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78	41171.78
G 5.0	40840.02	40915.47	40840.02	40826.31	40866.37	40890.58	40861.36	40814.72	40822.51	40842.78
G 10.0	40029.54	40051.06	40029.54	40014.05	40016.56	40040.62	40035.51	40006.20	40009.18	40030.47
G 15.0	38650.27	38886.07	38650.27	38611.14	38705.69	38693.40	38646.88	38626.08	38608.26	38613.75
G 20.0	36769.06	36799.71	36769.06	36766.77	36793.60	36818.69	36796.87	36746.85	36735.95	36757.53
G 25.0	34544.59	34859.79	34544.59	34520.41	34660.63	34578.37	34487.01	34500.19	34506.09	34507.69
G 30.0	31929.24	31908.91	31929.24	31915.74	31901.22	31942.40	31934.65	31880.76	31887.97	31890.89
G 35.0	29218.70	29469.55	29218.70	29227.14	29362.04	29246.01	29069.41	29048.67	29200.98	29239.46
G 40.0	26587.60	26347.27	26587.60	26578.63	26410.79	26388.35	26340.65	26288.12	26432.84	26464.16
G 45.0	23747.30	24043.88	23747.30	23662.67	23738.44	23720.76	23594.41	23524.52	23672.54	23727.72
G 50.0	21396.44	21042.80	21396.44	21442.67	21231.88	21085.99	21002.46	21005.89	21155.19	21208.43
G 55.0	18739.40	19038.48	18739.40	18692.18	18827.37	18829.48	18676.80	18577.62	18741.59	18788.89
G 60.0	16717.04	16306.36	16717.04	16680.66	16380.63	16398.58	16358.78	16261.14	16430.06	16469.92
G 65.0	14207.13	14445.74	14207.13	14153.08	14260.33	14327.93	14273.51	14202.90	14275.74	14252.80
G 70.0	12230.55	11806.20	12230.55	12277.20	12063.12	12019.20	11896.35	11754.55	11938.35	12012.82
G 75.0	9453.15	9728.44	9453.15	9357.55	9446.79	9556.86	9546.10	9473.24	9498.28	9424.39
G 80.0	7733.70	7167.50	7733.70	7743.61	7429.24	7498.08	7472.18	7286.78	7422.23	7525.86
G 85.0	6179.68	6694.44	6179.68	6074.17	6278.40	6339.71	6394.28	6463.83	6369.16	6193.06
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 DE-0272-BLA
 Name Pie led 7W 3000K
Measur.
 Code CL116A17F083G
 Name Pie led 7W 3000K

Luminaire Flux	325.73 lm	Luminaire Power	6.13 W	Efficacy	53.14 lm/W	Efficiency	100.00%
Lamps Flux	325.73 lm	Maximum value	543.64 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area SLI 8.6 Tight Tilting Angle:0°



Luminaire

Code DE-0272-BLA
Name Pie led 7W 3000K

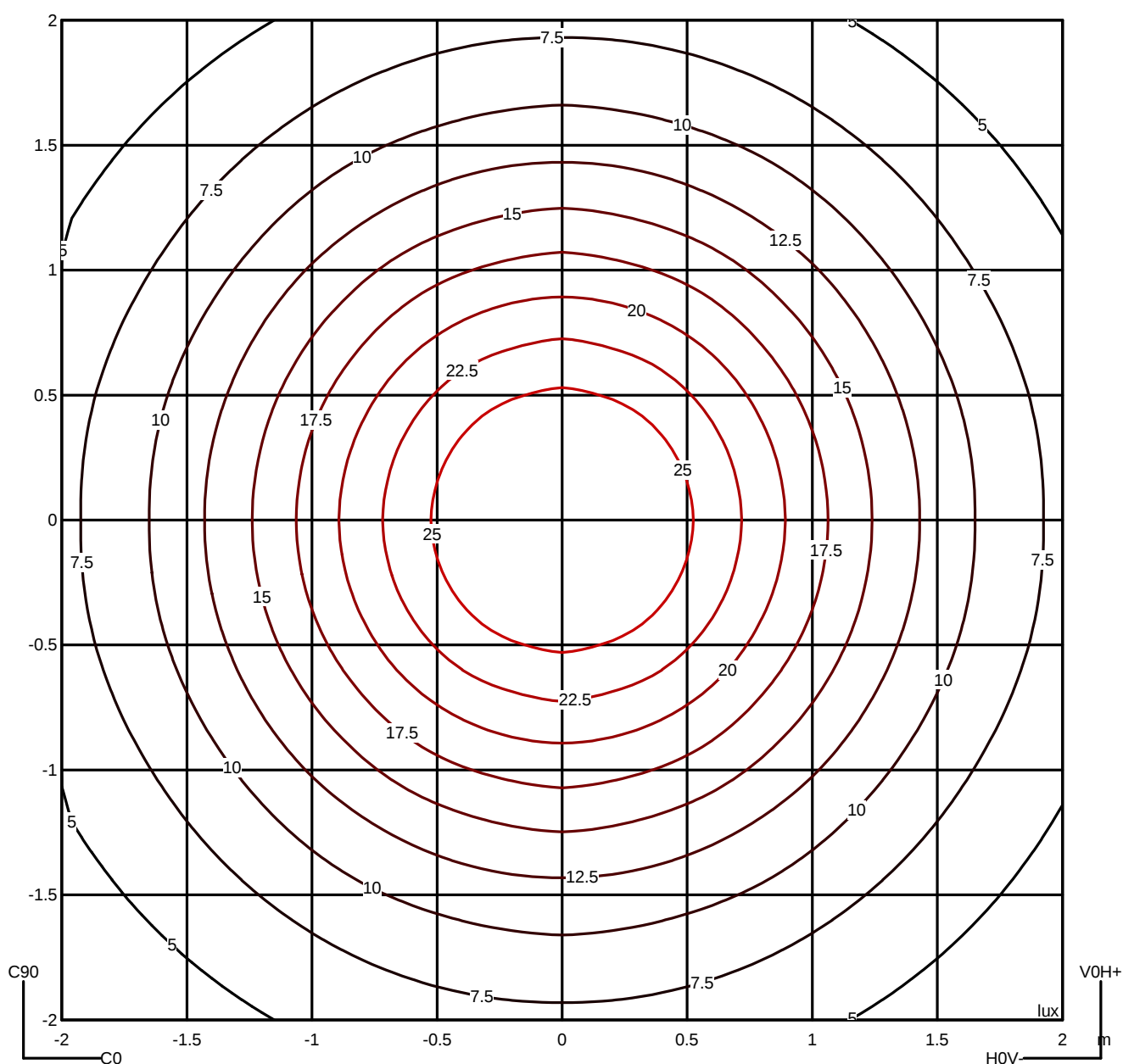
Measurem.

Code CL116A17F083G
Name Pie led 7W 3000K

Luminaire Flux	325.73 lm	Luminaire Power	6.13 W	Efficacy	53.14 lm/W	Efficiency	100.00%
Lamps Flux	325.73 lm	Maximum value	543.64 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 DE-0272-BLA
Name Pie led 7W 3000K

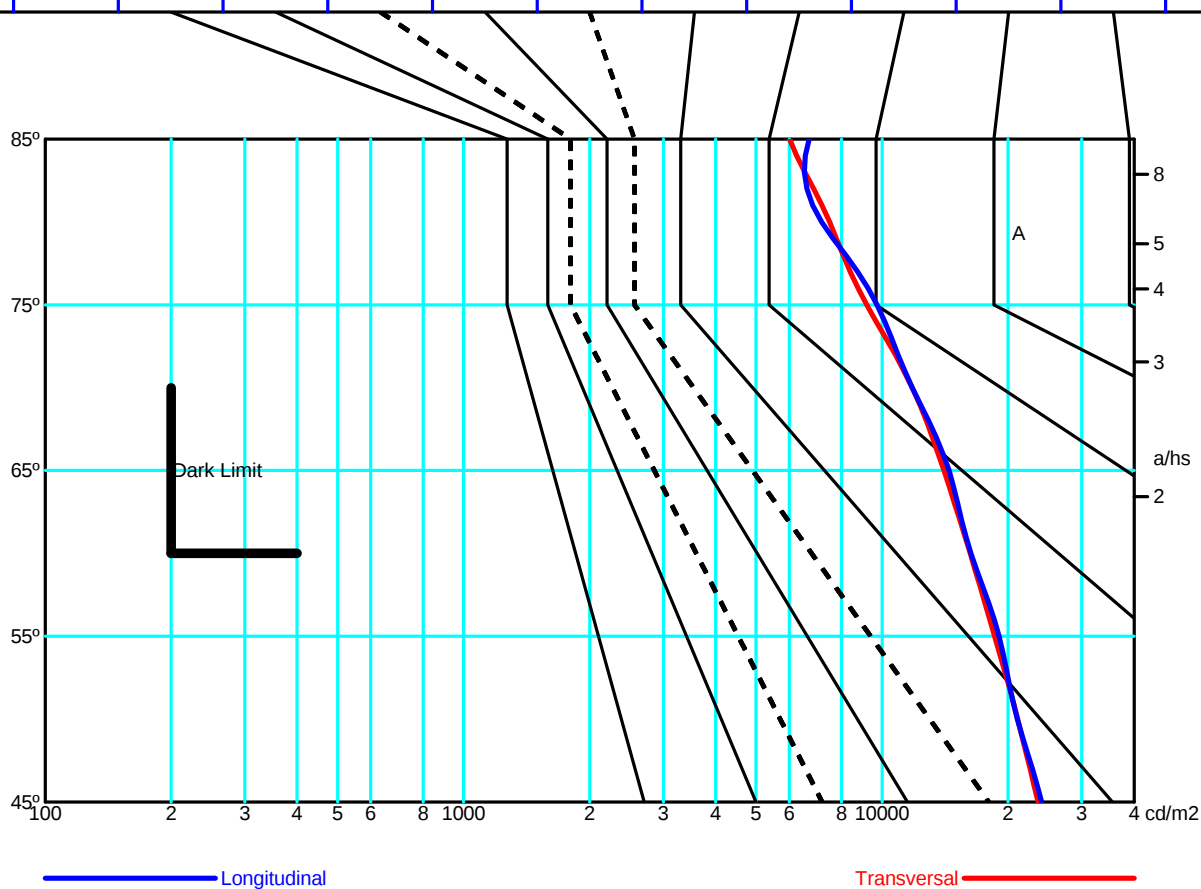
Measurem.

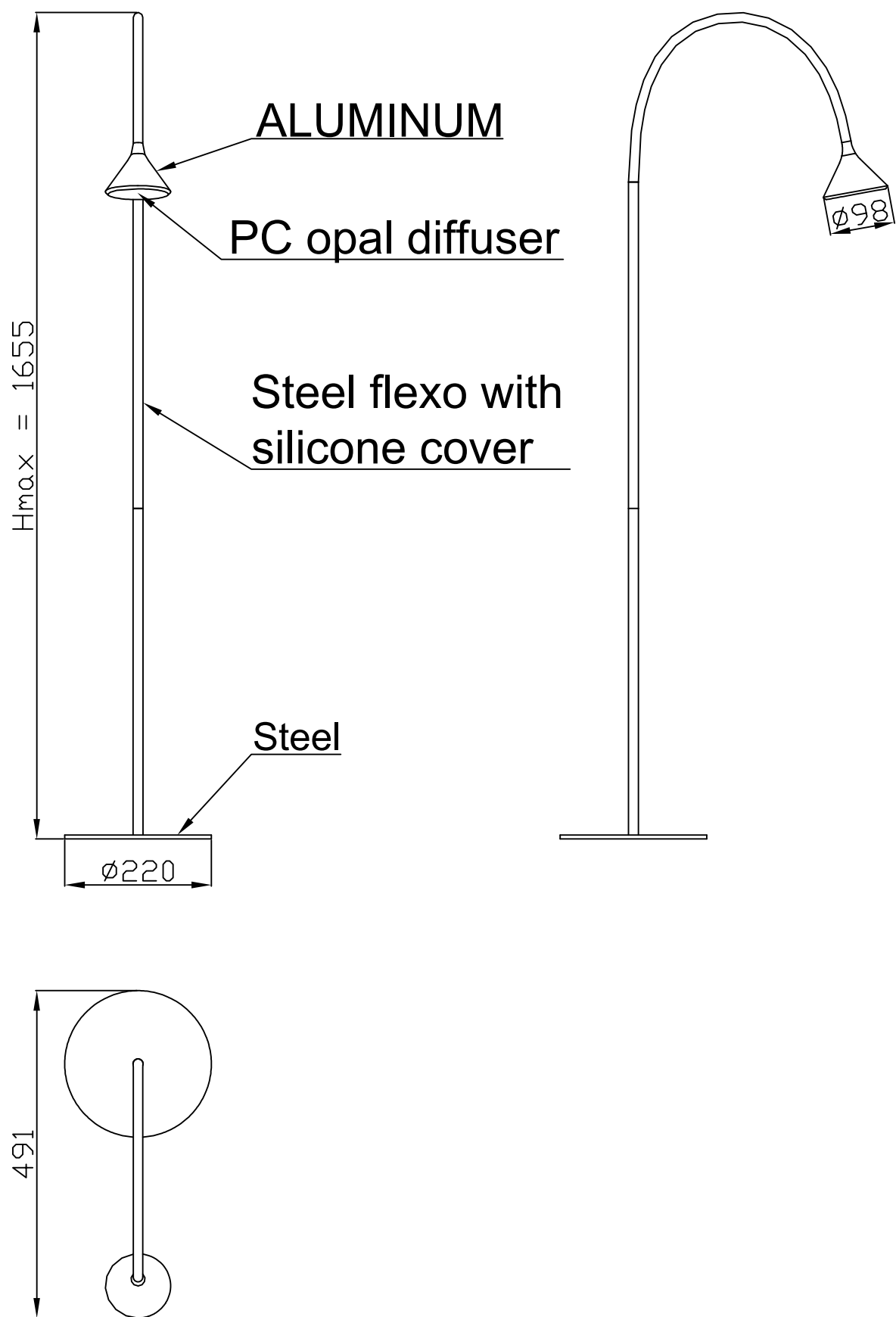
Code CL116A17F083G
Name Pie led 7W 3000K

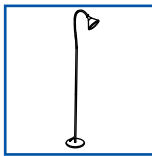
Luminaire Flux	325.73 lm	Luminaire Power	6.13 W	Efficacy	53.14 lm/W	Efficiency	100.00%
Lamps Flux	325.73 lm	Maximum value	543.64 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Average Luminance [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
23576	21091	18581	16227	14052	11801	9188	7489	6013	---	
90.0°	24044	21043	19038	16306	14446	11806	9728	7167	6694	--

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







Ding
DE-0272

FOR
LIGHT

