New Flash

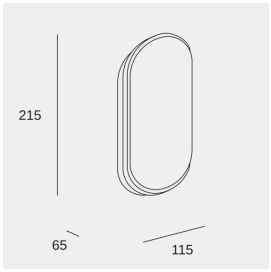
PX-0507-NEG

Superficie de Pared IP44 New Flash LED 15.8W 3000K ON-OFF Negro 1500.00

CARACTERÍSTICAS TÉCNICAS



IP44 IK10



Potencia total luminaria : 15.8W

Lúmenes reales : 1401

Lúmenes nominales : 1500

Lm / W reales : 89

Ángulo Ópticas / Reflector : HORIZONTAL 127º

Material de la estructura : Policarbonato

Acabado estructura : Negro

Material del difusor : Policarbonato

Acabado difusor : Matizado

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

Protocolo de regulación : ON-OFF

Power Factor : 0.90

Vida útil : 36.000h L70B30

Garantía : 2 Años

Resistencia a la corrosión (ensayo de Niebla Salina Neutra según ISO 9227) : No

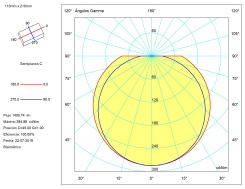
CARACTERÍSTICAS LUMINOTÉCNICAS

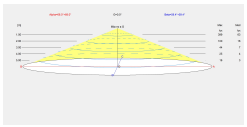
CRI: 80

MacAdam steps: 5

Riesgo fotobiológico: RG0

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
LED	1	13.4W	3000K





LOGÍSTICA

Peso neto (Kg): 0.23

Peso embalado (Kg): 0.35

Embalaje: 220mm x 120mm x 70mm

6 Un

La imagen puede no coincidir con la referencia, LEDS C4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la Temperatura de Color están sujetos a una tolerancia de +- 10%.

Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical

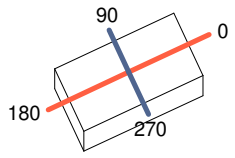
Rectangular Luminaire		Length	110 mm	Width	210 mm	Height	60 mm
Rectangular Luminous Area		Length	90 mm	Width	190 mm	Height	30 mm
Horizontal Luminous Area	0.017100 m2			Emitting area on Plane 180°		0.002700 m2	
Emitting area on Plane 0°	0.002700 m2			Emitting area on Plane 270°		0.005700 m2	
Emitting area on Plane 90°	0.005700 m2			Glare area at 76°		0.006757 m2	
Coordinate system	CG			Symmetry Type		Double Symmetrical	
Date	22-07-2019			Maximum Gamma Angle		90	
Measurement Distance	0.00			Measurement Flux		1400.74 lm	
Operator	qualitat			Rated Voltage			
Temperature	25.00 °C			Rated Current			
Humidity	60.00 %			Photocell			
Notes							

Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	PX-0507-NEG	PX-0507-NEG	1400.74	15.80	1

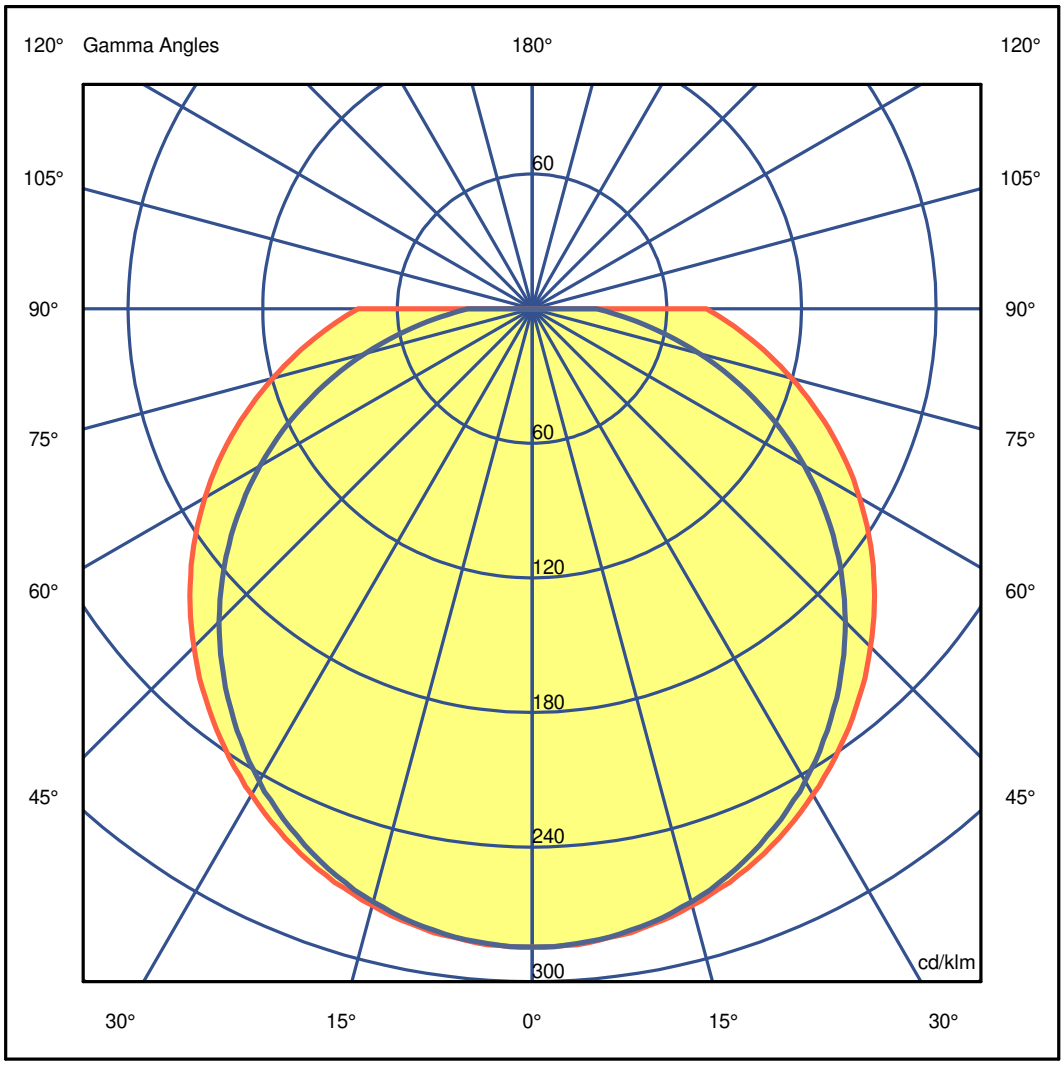
C.I.E.	39 68 88 100 100	D DIN 5040	A20
F UTE	1.00 G	B NBN	BZ 6 / 0.8 / BZ 5 / 1 / BZ 6

110mm x 210mm



C Halfplanes
180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical

Luminous Intensity Table cd/klm **Table 1/2**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	284.52	284.52	284.52	284.52	284.52	284.52	284.52
G 1.0	284.77	284.88	284.47	284.88	284.35	284.60	284.39
G 2.0	284.43	284.48	284.34	284.82	284.39	284.58	284.49
G 3.0	284.26	284.28	284.00	284.36	283.95	284.36	284.09
G 4.0	284.20	284.18	283.91	283.95	283.64	283.83	283.66
G 5.0	283.71	283.72	283.72	283.67	283.35	283.60	283.23
G 6.0	283.02	283.14	283.01	283.13	282.76	282.68	282.75
G 7.0	282.39	282.77	282.48	282.84	282.24	282.42	282.21
G 8.0	282.02	281.86	281.76	281.90	281.46	281.48	281.36
G 9.0	281.50	281.28	281.12	281.37	280.72	280.67	280.41
G 10.0	280.50	280.73	280.13	280.47	279.74	280.01	279.57
G 11.0	279.52	279.49	279.32	279.42	278.92	278.82	278.70
G 12.0	278.77	278.61	278.42	278.45	277.72	277.86	277.60
G 13.0	277.81	277.65	277.11	277.26	276.87	276.50	276.39
G 14.0	276.68	276.46	276.34	275.91	275.13	275.32	274.88
G 15.0	275.33	275.30	274.80	274.73	274.02	273.78	273.72
G 16.0	274.36	274.14	273.54	273.34	272.75	272.68	272.22
G 17.0	272.77	272.75	272.57	271.86	271.10	270.85	270.89
G 18.0	271.39	271.48	270.86	270.55	269.85	269.33	269.00
G 19.0	270.39	270.00	269.25	268.98	268.08	267.74	267.39
G 20.0	268.62	268.42	267.58	267.27	266.10	265.80	265.63
G 21.0	267.25	266.79	266.14	265.53	264.20	263.98	263.66
G 22.0	265.60	265.32	264.43	263.86	262.69	262.01	261.55
G 23.0	263.96	263.56	262.51	261.68	260.25	259.92	259.68
G 24.0	262.02	261.62	260.91	259.88	258.63	257.91	257.29
G 25.0	260.45	259.90	258.85	257.79	256.41	255.65	255.16
G 26.0	258.32	257.88	256.99	255.89	254.16	253.32	253.09
G 27.0	256.40	256.07	254.84	253.72	252.07	251.22	250.63
G 28.0	254.30	253.95	252.77	251.39	249.78	248.60	248.02
G 29.0	252.20	251.90	250.61	249.12	247.07	246.25	246.11
G 30.0	250.08	249.74	248.48	246.77	244.79	243.68	243.21
G 31.0	248.25	247.55	246.14	244.52	242.36	241.12	240.41
G 32.0	245.73	245.25	243.82	241.73	239.59	238.47	237.97
G 33.0	243.62	243.01	241.43	239.38	236.94	235.73	235.16
G 34.0	241.36	240.84	239.14	236.85	234.36	232.95	231.96
G 35.0	238.77	238.12	236.32	234.13	231.48	229.94	229.39
G 36.0	236.48	235.98	233.86	231.81	228.83	227.17	226.30
G 37.0	234.16	233.36	231.25	228.86	226.07	224.16	223.07
G 38.0	231.66	230.56	228.69	226.10	222.78	220.98	220.31
G 39.0	229.06	228.43	226.03	223.17	219.93	217.90	217.14
G 40.0	226.41	225.75	223.42	220.42	217.05	215.00	213.82
G 41.0	223.98	222.87	220.50	217.52	213.79	211.48	210.55
G 42.0	221.60	220.30	217.79	214.43	210.80	208.30	207.52
G 43.0	218.61	217.79	214.86	211.64	207.61	204.93	203.93
G 44.0	215.83	214.89	211.82	208.41	204.35	201.66	200.70
G 45.0	213.14	212.31	209.30	205.37	201.09	198.28	197.30
G 46.0	210.42	209.34	206.22	202.43	197.85	194.79	193.60
G 47.0	207.56	206.53	203.17	199.10	194.57	191.38	190.20
G 48.0	204.85	203.72	200.44	196.22	191.20	187.82	186.43
G 49.0	201.90	200.83	197.37	192.91	187.81	184.24	182.82
G 50.0	199.18	197.72	194.15	189.42	184.16	180.64	179.29
G 51.0	196.04	195.01	191.24	186.42	180.91	177.02	175.48
G 52.0	192.98	191.86	188.20	183.08	177.34	173.14	171.52
G 53.0	190.23	188.81	185.00	179.78	174.04	169.64	167.89
G 54.0	187.19	185.89	181.84	176.51	170.28	165.73	163.98
G 55.0	184.10	182.56	178.69	173.15	166.77	162.08	160.06
G 56.0	180.90	179.63	175.54	169.75	163.12	158.29	156.02
G 57.0	178.02	176.65	172.15	166.43	159.56	154.33	152.24
G 58.0	174.67	173.27	168.99	163.06	155.91	150.49	148.23
G 59.0	171.44	170.17	165.74	159.45	152.27	146.46	144.03
G 60.0	168.46	167.04	162.55	156.07	148.74	142.68	140.00
G 61.0	165.17	163.79	159.13	152.68	144.91	138.60	135.90
G 62.0	162.17	160.58	155.82	149.24	141.34	134.71	131.79
G 63.0	158.80	157.24	152.58	145.73	137.55	130.72	127.58
G 64.0	155.53	153.91	148.99	142.17	133.91	126.57	123.48
G 65.0	152.24	150.65	145.82	138.80	130.20	122.80	119.28
G 66.0	149.01	147.35	142.43	135.18	126.41	118.69	115.06
G 67.0	145.70	144.08	138.96	131.71	122.65	114.65	110.87
G 68.0	142.43	140.67	135.64	128.10	118.79	110.53	106.58
G 69.0	139.18	137.49	132.35	124.57	115.17	106.56	102.41
G 70.0	135.81	134.08	128.81	120.89	111.09	102.38	98.09
G 71.0	132.53	130.87	125.54	117.33	107.42	98.37	94.04
G 72.0	129.39	127.52	122.18	113.80	103.43	94.15	89.71

Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical

Luminous Intensity Table cd/klm **Table 2/2**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 73.0	125.94	124.18	118.72	110.05	99.55	90.14	85.54
G 74.0	122.99	121.05	115.49	106.43	95.67	86.00	81.34
G 75.0	119.61	117.79	112.22	103.01	91.84	81.96	77.10
G 76.0	116.43	114.68	108.96	99.24	87.98	77.92	73.05
G 77.0	113.47	111.53	105.70	95.71	84.10	73.83	69.01
G 78.0	110.34	108.44	102.61	92.19	80.44	69.90	65.06
G 79.0	107.38	105.30	99.40	88.72	76.69	65.91	61.26
G 80.0	104.49	102.44	96.47	85.36	73.19	62.19	57.43
G 81.0	101.45	99.48	93.52	82.09	69.71	58.40	53.78
G 82.0	98.56	96.65	90.57	78.79	66.32	54.81	50.30
G 83.0	95.80	93.83	87.79	75.55	62.94	51.34	47.00
G 84.0	93.02	91.01	85.08	72.51	59.81	48.06	43.75
G 85.0	90.32	88.27	82.25	69.41	56.72	44.90	40.87
G 86.0	87.68	85.71	79.67	66.49	53.70	41.90	37.97
G 87.0	85.07	83.12	77.15	63.66	50.93	39.17	35.34
G 88.0	82.51	80.53	74.52	60.84	48.09	36.53	33.04
G 89.0	80.10	78.19	72.14	58.24	45.45	34.16	30.80
G 90.0	77.65	75.63	69.63	55.77	42.89	31.94	28.72

Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

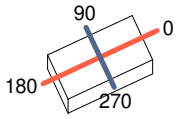
Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical

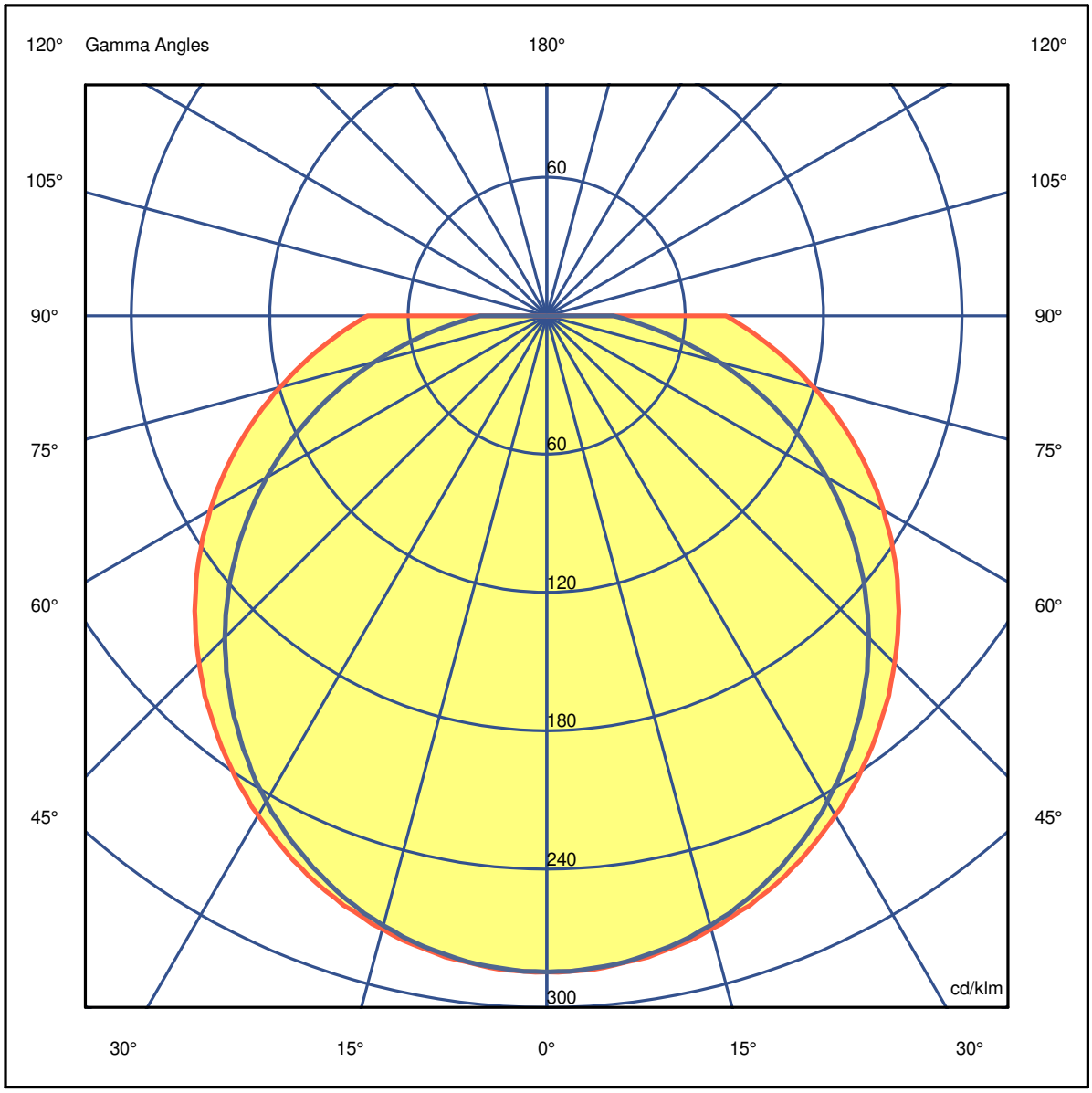
110mm x 210mm

C Halfplanes

180.0 0.0

270.0 90.0

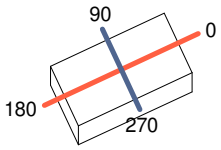




Luminaire
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Name FLASH
Measurem.
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Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
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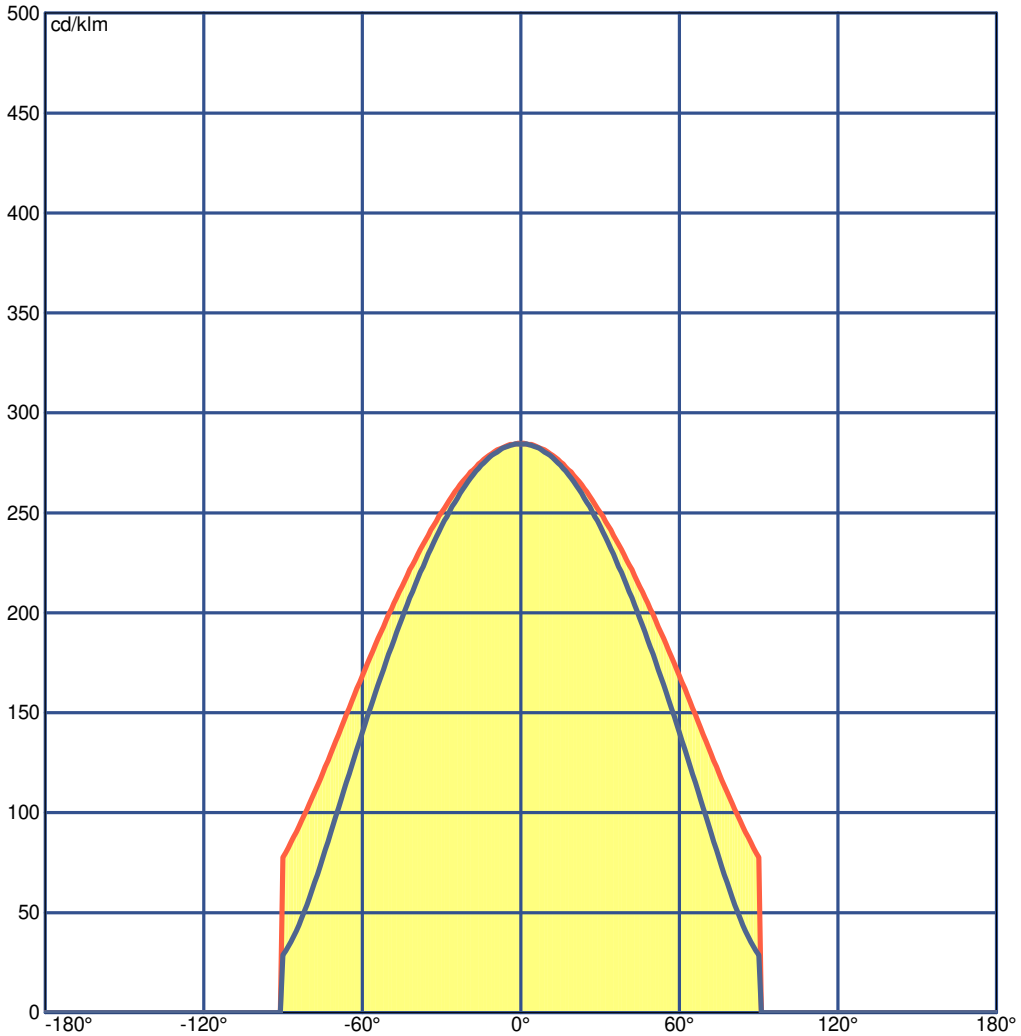
110mm x 210mm



C Halfplanes

180.0 0.0

270.0 90.0



Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	22.8	24.3	23.1	24.5	24.8	21.6	23.1	21.9	23.3	23.6
x=2H y=3H	25.1	26.4	25.4	26.7	27.0	23.3	24.6	23.6	24.9	25.2
x=2H y=4H	26.2	27.5	26.6	27.8	28.1	24.0	25.3	24.3	25.6	25.9
x=2H y=6H	27.4	28.6	27.8	28.9	29.2	24.6	25.8	24.9	26.1	26.4
x=2H y=8H	28.0	29.1	28.4	29.5	29.8	24.8	26.0	25.2	26.3	26.6
x=2H y=12H	28.6	29.7	29.0	30.0	30.4	25.0	26.1	25.4	26.5	26.8
x=4H y=2H	23.5	24.8	23.8	25.1	25.4	22.6	23.9	23.0	24.2	24.5
x=4H y=3H	26.0	27.1	26.3	27.4	27.7	24.5	25.6	24.8	25.9	26.3
x=4H y=4H	27.3	28.3	27.7	28.6	29.0	25.3	26.3	25.7	26.7	27.0
x=4H y=6H	28.6	29.5	29.0	29.9	30.3	26.0	26.9	26.4	27.3	27.7
x=4H y=8H	29.3	30.1	29.7	30.5	31.0	26.3	27.1	26.7	27.5	28.0
x=4H y=12H	30.0	30.8	30.5	31.2	31.6	26.6	27.3	27.0	27.7	28.2
x=8H y=4H	27.6	28.4	28.1	28.8	29.3	26.0	26.8	26.4	27.2	27.6
x=8H y=6H	29.2	29.9	29.6	30.3	30.7	26.9	27.6	27.3	28.0	28.5
x=8H y=8H	30.0	30.6	30.5	31.1	31.5	27.3	27.9	27.7	28.3	28.8
x=8H y=12H	30.9	31.4	31.4	31.9	32.4	27.6	28.2	28.1	28.6	29.1
x=12H y=4H	27.6	28.4	28.1	28.8	29.3	26.1	26.9	26.6	27.3	27.7
x=12H y=6H	29.2	29.9	29.7	30.3	30.8	27.1	27.7	27.6	28.2	28.7
x=12H y=8H	30.2	30.7	30.7	31.2	31.7	27.6	28.1	28.1	28.6	29.1

Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical

Total Flux=1400.74 Luminaire Flux=1400.74

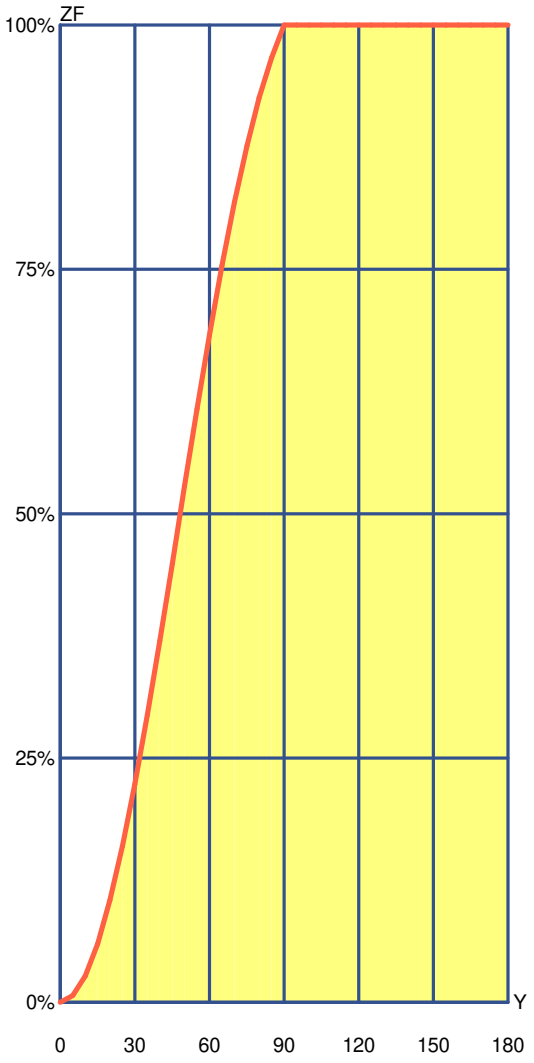
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.25	0.33	0.39	0.46	0.52	0.60	0.66	0.70	0.76	0.80	0.88	0.93
RC	6	6	6	7	7	7	7	7	7	7	7	7

Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	27	105	223	370	528	683	819	926	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes
39 68 88 100 100

C.I.E.	6/6/6/7/7/7/7/7/7/7/7/7	LOR	100.00000 %
D DIN 5040	A20	ULOR	0.00000 %
F UTE	1.00 G	DLOR	100.00000 %
B NBN	BZ 6 / 0.8 / BZ 5 / 1 / BZ 6	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.79	6.79	0.68 %	0.68 %
10°	20.16	26.96	2.02 %	2.70 %
15°	32.90	59.86	3.29 %	5.99 %
20°	44.64	104.51	4.46 %	10.45 %
25°	55.04	159.55	5.50 %	15.95 %
30°	63.83	223.38	6.38 %	22.34 %
35°	70.79	294.17	7.08 %	29.42 %
40°	75.79	369.97	7.58 %	37.00 %
45°	78.76	448.72	7.88 %	44.87 %
50°	79.71	528.44	7.97 %	52.84 %
55°	78.67	607.10	7.87 %	60.71 %
60°	75.74	682.84	7.57 %	68.28 %
65°	71.08	753.93	7.11 %	75.39 %
70°	64.91	818.83	6.49 %	81.88 %
75°	57.45	876.29	5.75 %	87.63 %
80°	49.22	925.51	4.92 %	92.55 %
85°	41.00	966.51	4.10 %	96.65 %
90°	33.49	1000.00	3.35 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical

Utilizations CIE

Mounting Direct Normalization Normalised Suspension Ratio 1/3 Standard CIE Settings

Ceiling

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	224	202	181	164	192	156	114	97	92	78	48	36	17	12	73	39	34	14	11	33	12	10	0
0.80	261	239	196	181	228	173	143	125	106	94	59	47	23	17	87	49	44	19	16	42	17	15	0
1.00	286	266	201	188	253	180	166	148	115	103	66	55	29	22	97	56	52	25	21	49	22	19	0
1.25	307	289	201	190	275	183	190	172	121	111	73	62	35	28	104	64	59	31	27	56	27	25	0
1.50	322	306	198	189	291	182	209	192	124	115	78	68	40	33	109	69	65	36	32	62	32	29	0
2.00	340	327	189	182	312	176	237	222	126	119	85	76	49	43	113	76	73	45	41	70	41	38	0
2.50	352	341	180	175	325	170	258	244	126	121	89	81	56	50	115	81	78	52	48	75	48	45	0
3.00	360	350	173	169	334	165	273	260	126	121	92	85	62	56	115	85	82	58	54	79	54	51	0
4.00	370	362	163	160	346	156	294	284	125	121	96	91	70	65	116	90	87	66	63	84	62	59	0
5.00	376	370	156	154	354	151	309	300	123	120	99	94	76	71	116	93	91	72	69	88	68	65	0
10.00	388	384	138	137	369	135	341	336	119	117	104	101	89	86	114	100	98	86	84	96	83	80	0
20.00	392	391	126	125	375	123	360	357	115	114	106	105	98	96	111	103	102	95	94	100	92	89	0

Wall

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	492	479	437	428	473	423	372	365	342	336	286	282	247	245	333	282	281	245	244	280	244	244	224
0.80	562	549	488	479	539	473	439	430	394	388	338	333	296	294	383	333	331	294	293	329	293	292	269
1.00	613	600	521	513	587	506	490	480	432	426	377	371	335	332	420	371	369	332	331	366	331	329	303
1.25	660	648	550	544	633	535	540	529	468	462	415	409	373	370	454	408	406	370	368	402	368	366	336
1.50	697	685	572	566	668	558	580	569	495	490	446	440	405	401	481	438	435	401	399	431	398	395	364
2.00	743	733	596	592	713	583	635	624	529	525	485	479	448	443	515	476	474	443	440	469	439	435	400
2.50	776	767	613	609	745	600	675	665	554	549	514	509	479	475	539	504	502	474	471	496	469	464	426
3.00	800	792	624	621	768	613	705	695	571	568	535	531	504	499	557	525	523	497	495	517	492	487	446
4.00	840	834	649	646	808	638	754	746	604	601	573	569	545	541	589	562	560	538	535	553	531	525	482
5.00	871	866	669	667	839	659	792	785	629	627	602	599	578	574	615	591	590	569	567	582	562	555	510
10.00	958	955	732	731	926	723	897	892	705	704	688	686	672	669	692	676	675	662	660	666	653	644	594
20.00	1000	1000	788	787	996	780	979	976	770	769	759	758	749	747	756	747	747	738	737	736	728	718	665

Working Pl.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	555	542	518	508	534	502	412	404	397	391	326	321	274	273	387	321	320	273	272	318	272	271	253
0.80	659	644	607	596	631	587	507	496	483	476	409	403	353	350	469	402	400	351	349	398	349	348	328
1.00	740	725	674	665	708	654	586	574	554	546	480	473	422	418	537	471	469	419	417	465	416	414	394
1.25	818	803	737	728	782	716	665	651	623	615	550	542	493	488	603	540	537	488	486	532	485	482	462
1.50	877	862	783	775	839	762	727	713	675	667	606	597	549	543	654	594	590	543	540	584	539	535	515
2.00	964	951	850	843	922	829	822	808	754	747	691	683	639	632	731	677	674	631	628	665	624	619	600
2.50	1000	1000	892	886	978	872	888	875	806	800	750	742	701	695	782	734	731	692	688	721	684	677	659
3.00	1000	1000	921	917	1000	902	937	924	844	838	793	785	748	741	819	776	773	737	733	761	728	719	703
4.00	1000	1000	958	954	1000	940	1000	990	892	887	848	842	809	803	867	830	828	797	793	814	785	775	759
5.00	1000	1000	980	978	1000	963	1000	1000	922	918	884	879	850	844	897	865	863	835	832	848	823	811	796
10.00	1000	1000	1000	1000	1000	1000	1000	1000	989	987	966	963	944	940	965	945	944	926	924	926	910	894	881
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	993	992	982	981	972	963	945	933

LM53 SHR C0-C180: 1.299 SHR C90-C270: 1.262 SHR Square: 1.433

Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

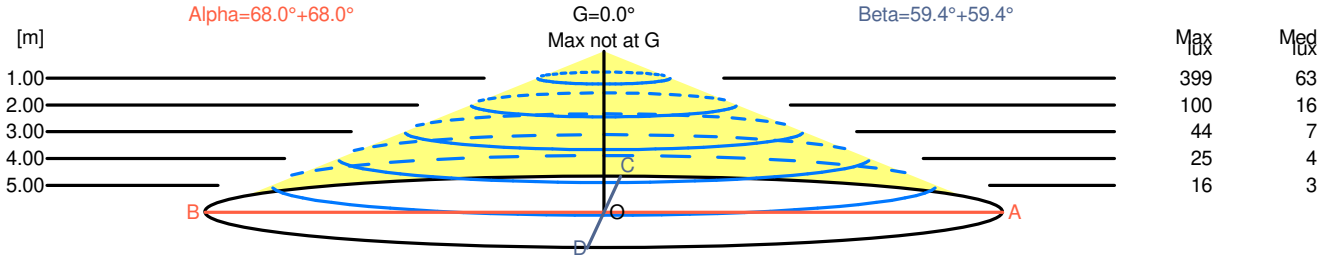
Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

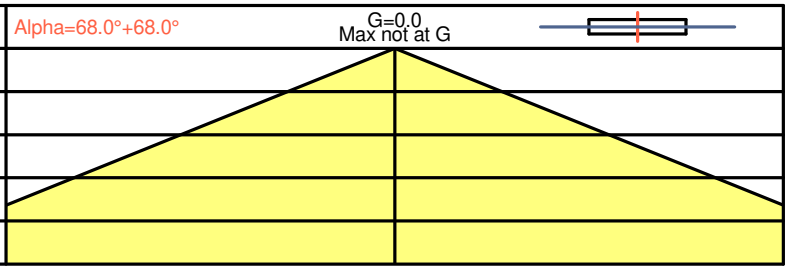
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	2.48	4.95	7.43	9.91	12.38	OC	1.69	3.38	5.07	6.77	8.46
OB	2.48	4.95	7.43	9.91	12.38	OD	1.69	3.38	5.07	6.77	8.46

Luminous Intensities [cd/klm]

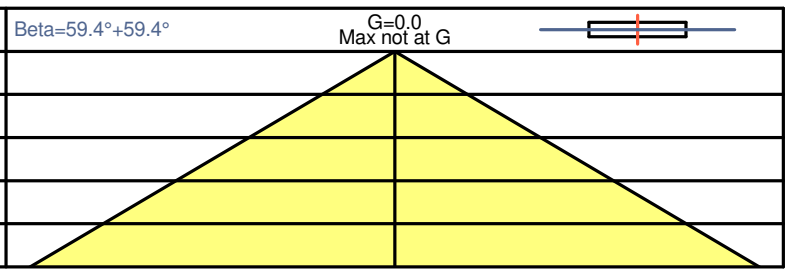
	0	5	15	25	35	45	55	65	75	85
OA	398.54	397.40	385.67	364.82	334.46	298.55	257.87	213.25	167.55	126.51
OB	398.54	397.40	385.67	364.82	334.46	298.55	257.87	213.25	167.55	126.51
OC	398.54	396.73	383.41	357.41	321.32	276.37	224.20	167.08	107.99	57.24
OD	398.54	396.73	383.41	357.41	321.32	276.37	224.20	167.08	107.99	57.24



H[m]	D[m]	Max lux	Med lux
1.00	4.95	399	63
2.00	9.91	100	16
3.00	14.86	44	7
4.00	19.81	25	4
5.00	24.77	16	3



H[m]	D[m]	Max lux	Med lux
1.00	3.38	399	63
2.00	6.77	100	16
3.00	10.15	44	7
4.00	13.53	25	4
5.00	16.91	16	3

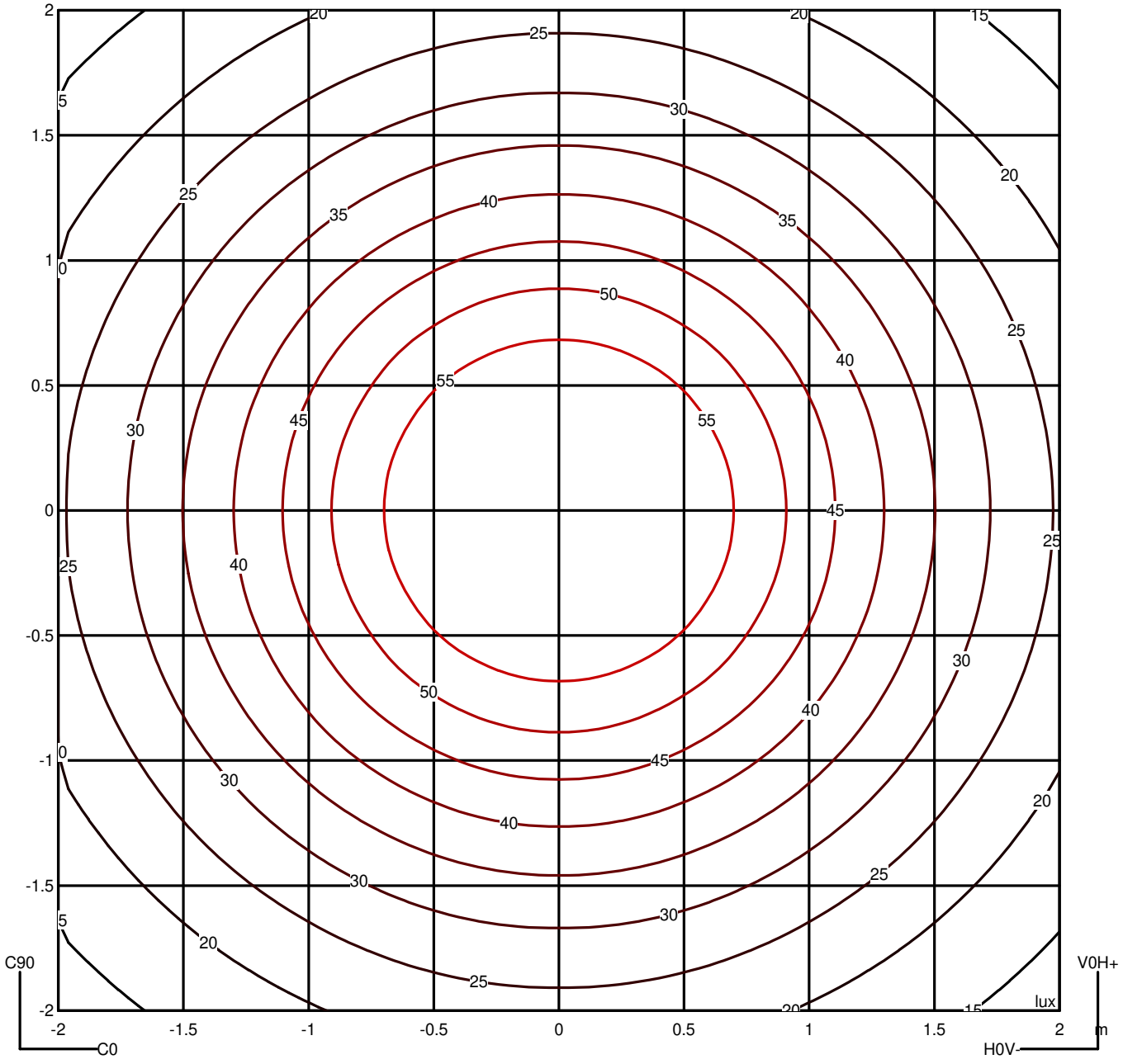


Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical

Isolux (Floor)

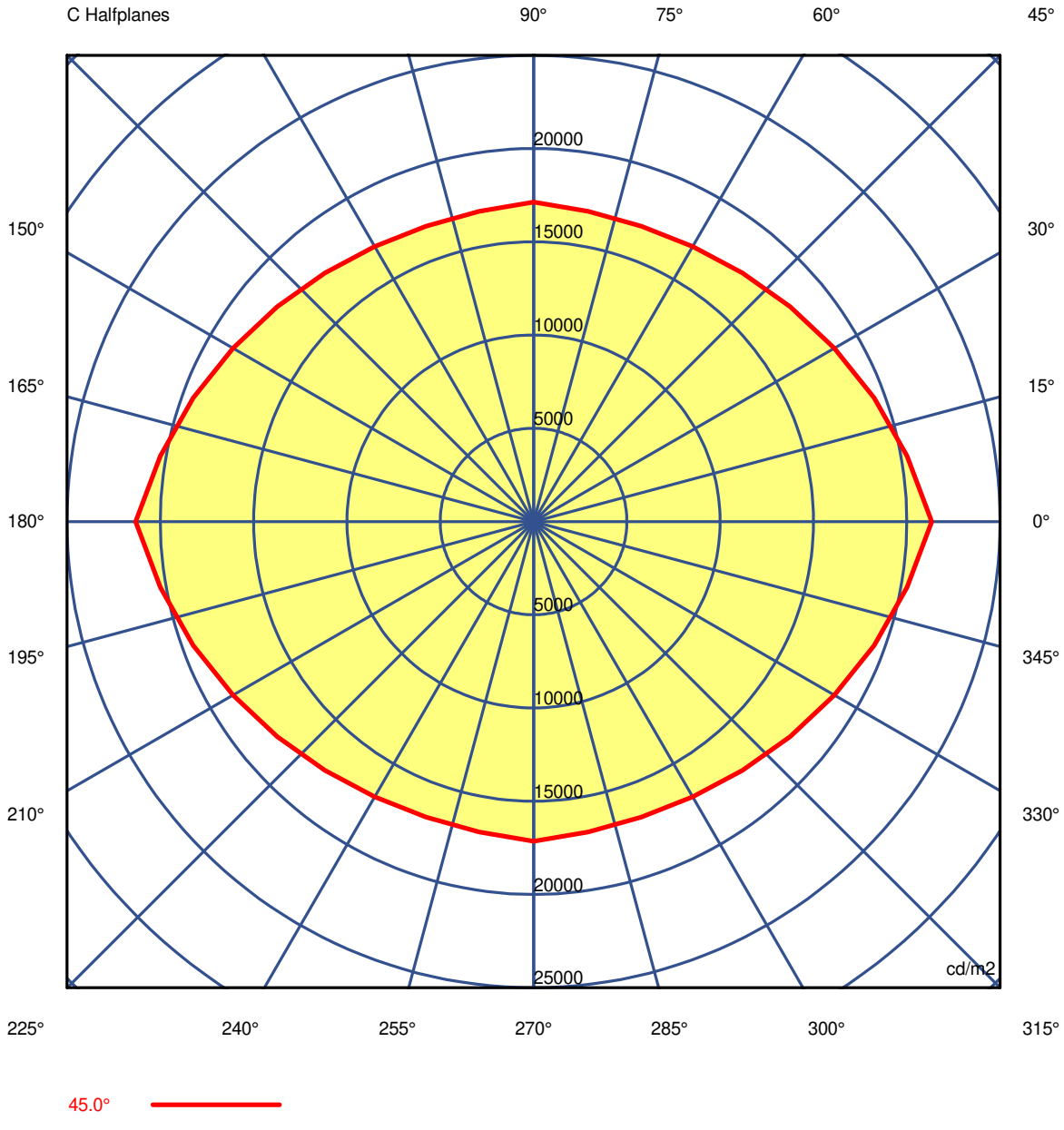
Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	CG	Double Symmetrical

Luminance



Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	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	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57
G 5.0	23010.58	22902.29	22806.03	22726.19	22662.19	22609.34	22573.31	22588.39	22612.74	22629.53	22612.74	22588.39	22573.31
G 10.0	22699.68	22507.37	22301.15	22117.13	22022.23	21933.04	21851.84	21865.49	21913.21	21962.98	21913.21	21865.49	21851.84
G 15.0	22401.78	22084.85	21799.77	21552.12	21382.40	21249.75	21153.93	21139.49	21195.80	21309.35	21195.80	21139.49	21153.93
G 20.0	22143.58	21717.69	21336.62	21005.73	20777.19	20593.40	20458.73	20439.96	20511.39	20650.11	20511.39	20439.96	20458.73
G 25.0	21925.81	21384.40	20904.36	20495.74	20180.31	19940.38	19784.02	19743.08	19806.02	19959.44	19806.02	19743.08	19784.02
G 30.0	21678.46	21047.89	20487.60	19999.77	19605.80	19300.69	19100.26	19037.55	19106.62	19292.15	19106.62	19037.55	19100.26
G 35.0	21500.04	20745.02	20074.04	19490.97	19026.30	18660.69	18409.14	18319.47	18388.96	18598.17	18388.96	18319.47	18409.14
G 40.0	21378.39	20507.93	19730.13	19042.88	18484.83	18043.05	17737.87	17618.31	17669.35	17866.73	17669.35	17618.31	17737.87
G 45.0	21324.22	20315.13	19410.60	18601.99	17937.85	17408.96	17033.07	16859.56	16903.21	17142.25	16903.21	16859.56	17033.07
G 50.0	21362.59	20156.96	19100.76	18171.10	17401.59	16776.67	16319.50	16091.83	16111.54	16351.74	16111.54	16091.83	16319.50
G 55.0	21453.70	20060.33	18859.15	17804.95	16915.78	16177.81	15617.37	15300.82	15265.85	15486.55	15265.85	15300.82	15617.37
G 60.0	21671.87	20069.18	18685.36	17456.67	16416.05	15556.87	14888.29	14455.46	14343.76	14540.56	14343.76	14455.46	14888.29
G 65.0	22044.39	20140.66	18530.36	17122.23	15939.47	14935.35	14111.29	13540.43	13335.68	13482.46	13335.68	13540.43	14111.29
G 70.0	22685.98	20375.93	18472.26	16825.47	15433.49	14239.17	13236.76	12500.56	12180.07	12262.73	12180.07	12500.56	13236.76
G 75.0	23820.01	20910.89	18614.08	16655.77	14959.28	13490.46	12254.52	11317.80	10863.20	10873.59	10863.20	11317.80	12254.52
G 80.0	26004.01	22066.29	19158.16	16727.00	14533.63	12687.25	11192.45	9992.59	9382.60	9373.43	9382.60	9992.59	11192.45
G 85.0	30265.75	24367.36	20440.85	17301.05	14392.20	12047.27	10247.21	8717.63	7940.62	7985.14	7940.62	8717.63	10247.21
G 90.0	40285.58	29361.56	23231.82	18797.81	14832.22	11763.28	9556.65	7788.04	6938.54	7058.11	6938.54	7788.04	9556.65

Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	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	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57
G 5.0	22609.34	22662.19	22726.19	22806.03	22902.29	23010.58	22902.29	22806.03	22726.19	22662.19	22609.34	22573.31	22588.39
G 10.0	21933.04	22022.23	22117.13	22301.15	22507.37	22699.68	22507.37	22301.15	22117.13	22022.23	21933.04	21851.84	21865.49
G 15.0	21249.75	21382.40	21552.12	21799.77	22084.85	22401.78	22084.85	21799.77	21552.12	21382.40	21249.75	21153.93	21139.49
G 20.0	20593.40	20777.19	21005.73	21336.62	21717.69	22143.58	21717.69	21336.62	21005.73	20777.19	20593.40	20458.73	20439.96
G 25.0	19940.38	20180.31	20495.74	20904.36	21384.40	21925.81	21384.40	20904.36	20495.74	20180.31	19940.38	19784.02	19743.08
G 30.0	19300.69	19605.80	19999.77	20487.60	21047.89	21678.46	21047.89	20487.60	19999.77	19605.80	19300.69	19100.26	19037.55
G 35.0	18660.69	19026.30	19490.97	20074.04	20745.02	21500.04	20745.02	20074.04	19490.97	19026.30	18660.69	18409.14	18319.47
G 40.0	18043.05	18484.83	19042.88	19730.13	20507.93	21378.39	20507.93	19730.13	19042.88	18484.83	18043.05	17737.87	17618.31
G 45.0	17408.96	17937.85	18601.99	19410.60	20315.13	21324.22	20315.13	19410.60	18601.99	17937.85	17408.96	17033.07	16859.56
G 50.0	16776.67	17401.59	18171.10	19100.76	20156.96	21362.59	20156.96	19100.76	18171.10	17401.59	16776.67	16319.50	16091.83
G 55.0	16177.81	16915.78	17804.95	18859.15	20060.33	21453.70	20060.33	18859.15	17804.95	16915.78	16177.81	15617.37	15300.82
G 60.0	15556.87	16416.05	17456.67	18685.36	20069.18	21671.87	20069.18	18685.36	17456.67	16416.05	15556.87	14888.29	14455.46
G 65.0	14935.35	15939.47	17122.23	18530.36	20140.66	22044.39	20140.66	18530.36	17122.23	15939.47	14935.35	14111.29	13540.43
G 70.0	14239.17	15433.49	16825.47	18472.26	20375.93	22685.98	20375.93	18472.26	16825.47	15433.49	14239.17	13236.76	12500.56
G 75.0	13490.46	14959.28	16655.77	18614.08	20910.89	23820.01	20910.89	18614.08	16655.77	14959.28	13490.46	12254.52	11317.80
G 80.0	12687.25	14533.63	16727.00	19158.16	22066.29	26004.01	22066.29	19158.16	16727.00	14533.63	12687.25	11192.45	9992.59
G 85.0	12047.27	14392.20	17301.05	20440.85	24367.36	30265.75	24367.36	20440.85	17301.05	14392.20	12047.27	10247.21	8717.63
G 90.0	11763.28	14832.22	18797.81	23231.82	29361.56	40285.58	29361.56	23231.82	18797.81	14832.22	11763.28	9556.65	7788.04

Luminaire
Code PX-0507-NEG
Name FLASH
Measurem.
Code PX-0507-NEG
Name FLASH

Luminaire Flux	1400.74 lm	Luminaire Power	15.80 W	Efficacy	88.65 lm/W	Efficiency	100.00%
Sources Flux	1400.74 lm	Maximum value	284.88 cd/klm	Position	C=45.00 G=1.00	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	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57	23306.57
G 5.0	22612.74	22629.53	22612.74	22588.39	22573.31	22609.34	22662.19	22726.19	22806.03	22902.29
G 10.0	21913.21	21962.98	21913.21	21865.49	21851.84	21933.04	22022.23	22117.13	22301.15	22507.37
G 15.0	21195.80	21309.35	21195.80	21139.49	21153.93	21249.75	21382.40	21552.12	21799.77	22084.85
G 20.0	20511.39	20650.11	20511.39	20439.96	20458.73	20593.40	20777.19	21005.73	21336.62	21717.69
G 25.0	19806.02	19959.44	19806.02	19743.08	19784.02	19940.38	20180.31	20495.74	20904.36	21384.40
G 30.0	19106.62	19292.15	19106.62	19037.55	19100.26	19300.69	19605.80	19999.77	20487.60	21047.89
G 35.0	18388.96	18598.17	18388.96	18319.47	18409.14	18660.69	19026.30	19490.97	20074.04	20745.02
G 40.0	17669.35	17866.73	17669.35	17618.31	17737.87	18043.05	18484.83	19042.88	19730.13	20507.93
G 45.0	16903.21	17142.25	16903.21	16859.56	17033.07	17408.96	17937.85	18601.99	19410.60	20315.13
G 50.0	16111.54	16351.74	16111.54	16091.83	16319.50	16776.67	17401.59	18171.10	19100.76	20156.96
G 55.0	15265.85	15486.55	15265.85	15300.82	15617.37	16177.81	16915.78	17804.95	18859.15	20060.33
G 60.0	14343.76	14540.56	14343.76	14455.46	14888.29	15556.87	16416.05	17456.67	18685.36	20069.18
G 65.0	13335.68	13482.46	13335.68	13540.43	14111.29	14935.35	15939.47	17122.23	18530.36	20140.66
G 70.0	12180.07	12262.73	12180.07	12500.56	13236.76	14239.17	15433.49	16825.47	18472.26	20375.93
G 75.0	10863.20	10873.59	10863.20	11317.80	12254.52	13490.46	14959.28	16655.77	18614.08	20910.89
G 80.0	9382.60	9373.43	9382.60	9992.59	11192.45	12687.25	14533.63	16727.00	19158.16	22066.29
G 85.0	7940.62	7985.14	7940.62	8717.63	10247.21	12047.27	14392.20	17301.05	20440.85	24367.36
G 90.0	6938.54	7058.11	6938.54	7788.04	9556.65	11763.28	14832.22	18797.81	23231.82	29361.56

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