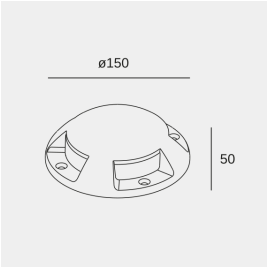
FOR LIGHT

Up

PX-0158-ANT

Recessed uplighting IP65 Up LED 10.6W 3000K ON-OFF Urban grey 870.00





TECHNICAL FEATURES

IP65 IK10

Luminaire total power : 10.6W

Real lumens : 106

Nominal lumens : 870

Real lm/W : 10

Structure material : Aluminium

Structure finish : Urban grey

Diffuser material : Polycarbonate

Diffuser finish : Tinted

Voltage / frequency : 220-240V/50-60Hz

Dimming protocol : ON-OFF

Power Factor : 1.00

Useful life : 36.000h L70B30

Warranty : 5 Years

Resistant to marine environments : No

Easily recyclable luminaire

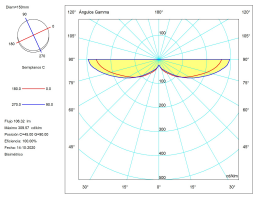
LUMINOTECHNIC FEATURES

CRI: 80

MacAdam steps: 3

Photobiological risk: RG0

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
LED	1	7.4W	3000K



LOGISTICS

Net weight (kg): 0.59

Packaged weight (kg): 0.68

Packaging: 170mm x 170mm x 70mm

16 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%.

LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

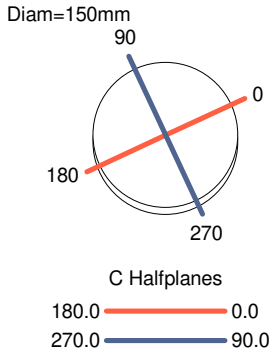
Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	CG	Double Symmetrical

Round Luminaire	Diam. 150 mm	Height	53 mm
Round Luminous Area	Diam. 135 mm	Height	20 mm
Horizontal Luminous Area	0.014314 m2	Emitting area on Plane 180°	0.002700 m2
Emitting area on Plane 0°	0.002700 m2	Emitting area on Plane 270°	0.002700 m2
Emitting area on Plane 90°	0.002700 m2	Glare area at 76°	0.006083 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	14-10-2020	Maximum Gamma Angle	90
Measurement Distance	0.00	Measurement Flux	106.32 lm
Operator	qualitat	Rated Voltage	
Temperature	25.00 °C	Rated Current	
Humidity	60.00 %	Photocell	
Notes			

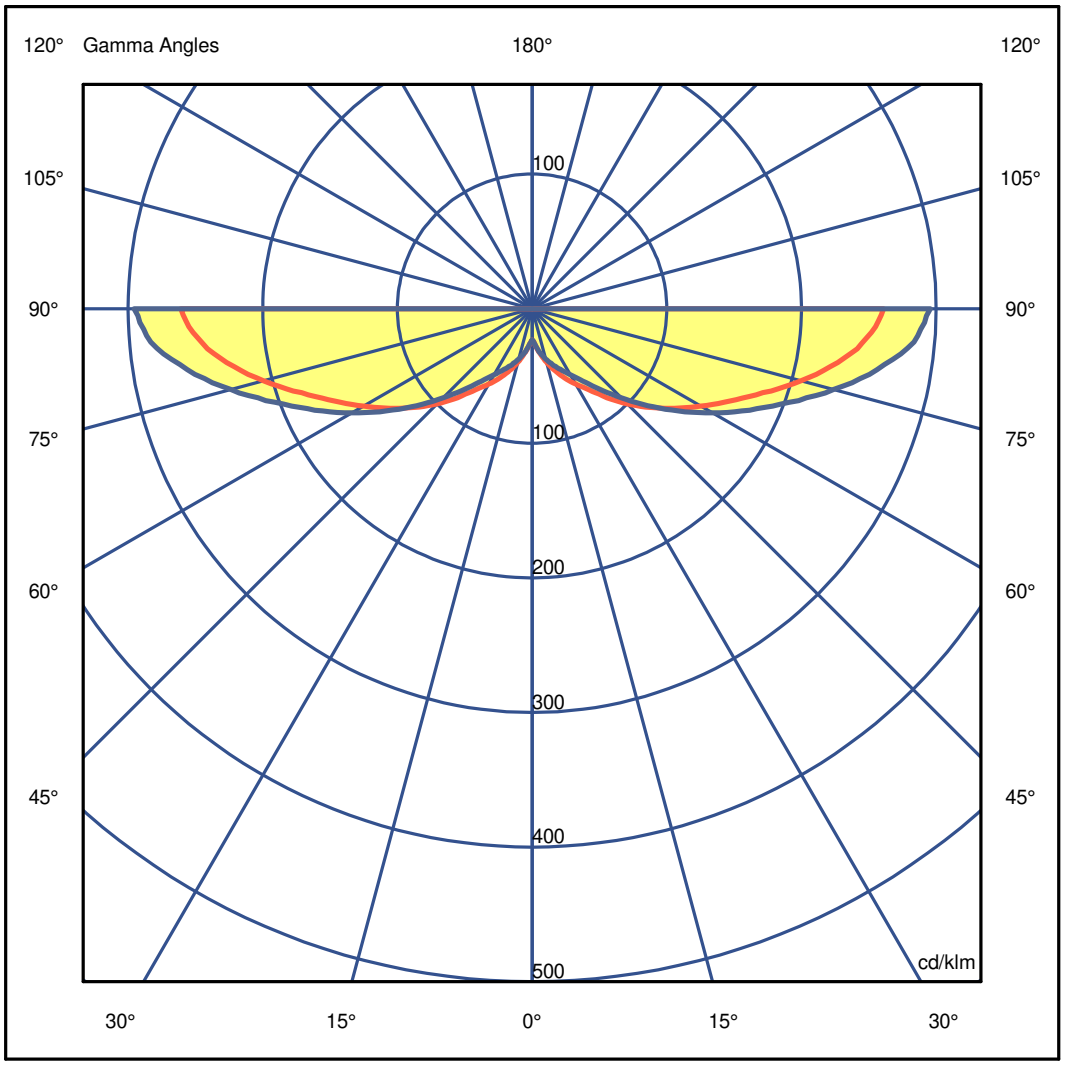
Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	PX-0158-ANT	PX-0158-ANT	106.32	10.60	1

C.I.E. 9 28 58 100 100		D DIN 5040	A10
F UTE --		B NBN	BZ 10



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	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	23.33	23.33	23.33	23.33	23.33	23.33	23.33
G 1.0	23.75	23.65	23.59	23.48	23.46	23.41	23.55
G 2.0	24.27	24.18	24.21	24.23	24.21	24.17	24.26
G 3.0	25.09	24.90	24.98	25.12	25.22	25.25	25.36
G 4.0	26.23	26.28	26.28	26.30	26.13	26.02	26.10
G 5.0	27.49	27.47	27.60	27.57	27.42	27.21	27.23
G 6.0	28.69	28.67	28.86	28.99	28.88	28.70	28.65
G 7.0	29.95	30.16	30.44	30.48	30.03	29.60	29.41
G 8.0	31.23	31.36	31.82	31.95	31.47	30.97	30.75
G 9.0	32.46	32.55	33.13	33.40	33.00	32.44	32.21
G 10.0	33.86	34.19	34.72	34.88	34.16	33.33	32.95
G 11.0	35.20	35.49	36.12	36.27	35.61	34.53	34.12
G 12.0	36.60	36.75	37.55	37.66	36.97	35.79	35.30
G 13.0	38.07	38.46	39.15	39.13	38.01	36.67	36.13
G 14.0	39.57	39.86	40.54	40.55	39.42	38.03	37.50
G 15.0	41.07	41.30	41.97	41.99	40.83	39.33	38.73
G 16.0	42.59	43.08	43.65	43.41	41.91	40.21	39.47
G 17.0	44.09	44.44	45.12	44.78	43.34	41.58	40.84
G 18.0	45.57	45.88	46.58	46.22	44.75	42.80	42.02
G 19.0	47.16	47.75	48.31	47.71	45.85	43.67	42.80
G 20.0	48.68	49.13	49.72	49.15	47.34	45.02	44.18
G 21.0	50.13	50.69	51.27	50.68	48.69	46.25	45.39
G 22.0	51.85	52.48	52.97	52.13	49.79	47.18	46.15
G 23.0	53.42	53.91	54.45	53.65	51.34	48.63	47.61
G 24.0	55.02	55.48	56.11	55.25	52.71	49.91	48.76
G 25.0	56.63	57.30	57.84	56.82	53.92	50.89	49.56
G 26.0	58.15	58.78	59.30	58.44	55.59	52.39	51.14
G 27.0	59.81	60.41	61.01	60.04	57.00	53.61	52.41
G 28.0	61.32	62.22	62.77	61.66	58.30	54.82	53.49
G 29.0	63.01	63.64	64.29	63.33	60.10	56.47	55.18
G 30.0	64.55	65.32	66.03	65.05	61.65	57.89	56.51
G 31.0	66.21	67.09	67.81	66.75	63.14	59.30	57.83
G 32.0	67.81	68.63	69.40	68.61	65.15	61.25	59.82
G 33.0	69.58	70.52	71.33	70.41	66.87	62.87	61.45
G 34.0	71.42	72.46	73.24	72.26	68.57	64.61	63.25
G 35.0	73.50	74.28	74.95	74.25	70.87	66.97	65.58
G 36.0	75.76	76.45	77.02	76.31	72.87	68.92	67.67
G 37.0	77.98	78.90	79.24	78.43	74.99	71.15	69.86
G 38.0	80.36	81.06	81.25	80.71	77.56	73.84	72.67
G 39.0	83.10	83.75	83.77	83.10	79.86	76.19	75.14
G 40.0	86.16	86.44	86.19	85.51	82.33	78.83	77.75
G 41.0	88.82	88.91	88.68	88.21	85.26	81.95	80.85
G 42.0	91.61	91.73	91.44	90.93	87.95	84.68	83.65
G 43.0	94.37	94.58	94.31	93.78	90.88	87.77	86.79
G 44.0	97.16	97.11	97.00	96.75	94.19	91.12	90.27
G 45.0	99.77	100.18	99.99	99.95	97.23	94.09	93.45
G 46.0	102.72	102.88	102.94	103.10	100.58	97.50	96.89
G 47.0	105.38	105.52	105.95	106.58	104.20	101.23	100.81
G 48.0	108.42	108.61	109.29	109.99	107.47	104.40	104.03
G 49.0	111.24	111.42	112.50	113.50	111.06	108.24	107.95
G 50.0	113.94	114.13	115.62	117.29	115.03	112.25	111.97
G 51.0	116.88	117.41	119.14	121.25	118.73	115.74	115.52
G 52.0	119.87	120.16	122.72	125.06	122.76	119.81	119.66
G 53.0	122.85	122.96	126.02	129.26	127.09	124.15	123.98
G 54.0	125.85	126.31	129.74	133.35	130.99	127.82	127.89
G 55.0	128.95	129.28	133.42	137.63	135.34	132.27	132.31
G 56.0	131.85	132.21	137.11	142.11	140.02	136.67	136.71
G 57.0	135.00	135.75	141.03	146.72	144.30	140.70	140.91
G 58.0	138.21	138.96	145.03	151.30	149.14	145.42	145.52
G 59.0	141.43	142.21	149.07	156.08	153.99	150.08	150.18
G 60.0	144.56	145.88	153.49	161.20	158.55	154.16	154.29
G 61.0	148.19	149.14	157.64	165.88	163.55	159.06	159.22
G 62.0	151.44	152.56	161.80	170.82	168.64	163.83	164.05
G 63.0	155.13	156.56	166.29	175.96	173.29	168.21	168.35
G 64.0	158.56	160.16	170.84	180.92	178.55	173.34	173.23
G 65.0	162.22	163.78	175.23	186.29	183.80	178.11	178.20
G 66.0	165.93	168.11	179.98	191.43	188.72	182.47	182.45
G 67.0	169.59	172.01	184.58	196.67	194.03	187.73	187.53
G 68.0	173.91	176.20	189.48	202.29	199.41	192.63	192.73
G 69.0	178.14	180.75	194.50	207.84	204.69	197.57	197.49
G 70.0	182.22	185.20	199.52	213.55	210.37	203.14	203.20
G 71.0	187.55	189.86	204.80	219.70	216.12	208.71	209.26
G 72.0	192.08	195.16	210.37	225.31	221.70	213.97	214.13

LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	CG	Double Symmetrical

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

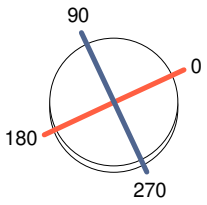
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 73.0	196.84	199.90	215.87	231.61	227.68	219.98	220.43
G 74.0	201.82	204.83	221.62	237.69	233.61	225.52	226.39
G 75.0	206.64	210.17	227.43	244.04	239.32	231.05	231.62
G 76.0	211.42	214.89	232.75	249.91	245.24	236.88	237.59
G 77.0	216.55	219.56	238.64	256.59	251.28	242.36	243.82
G 78.0	221.03	224.55	244.40	262.48	256.84	247.60	248.87
G 79.0	225.40	228.65	249.14	268.84	262.81	253.16	255.07
G 80.0	230.48	232.85	254.80	274.71	268.68	258.00	260.11
G 81.0	234.57	237.31	260.06	280.53	273.74	262.87	264.83
G 82.0	238.67	240.77	264.71	286.06	279.09	267.66	270.35
G 83.0	243.08	244.36	269.31	291.15	283.72	272.12	275.77
G 84.0	246.10	248.02	273.09	295.23	287.64	276.13	280.23
G 85.0	249.25	250.14	275.88	299.21	291.52	279.54	284.46
G 86.0	252.50	252.79	278.75	302.30	293.99	281.62	287.03
G 87.0	255.25	255.21	280.61	304.19	295.40	283.35	288.98
G 88.0	257.21	256.34	282.25	305.47	297.24	284.75	291.42
G 89.0	259.27	258.24	284.36	307.30	298.58	285.95	292.79
G 90.0	260.95	259.74	285.56	309.57	300.68	287.95	295.56

LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

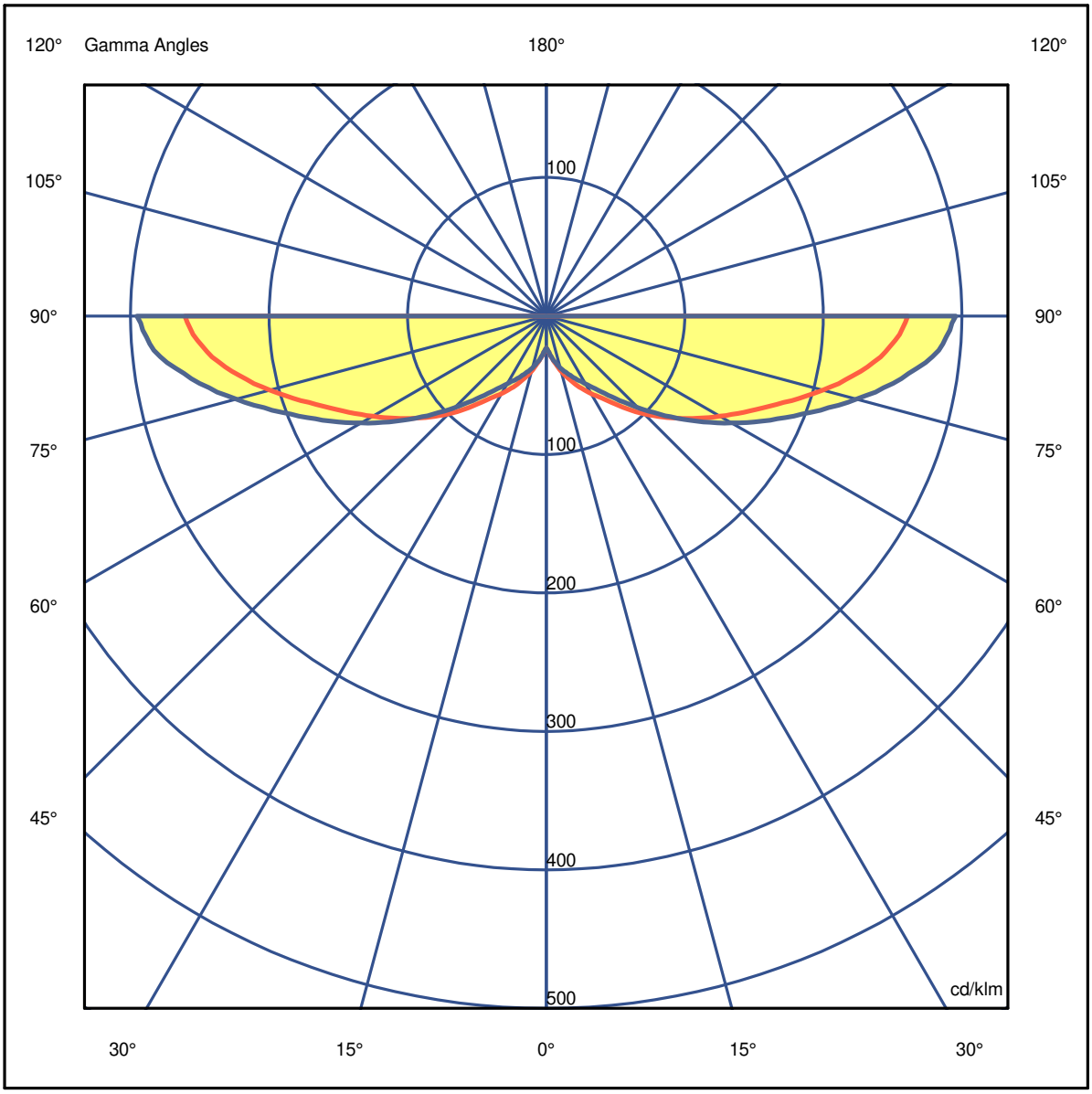
Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	CG	Double Symmetrical

Diam=150mm



C Halfplanes



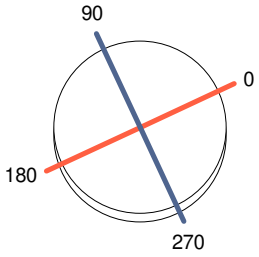


LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

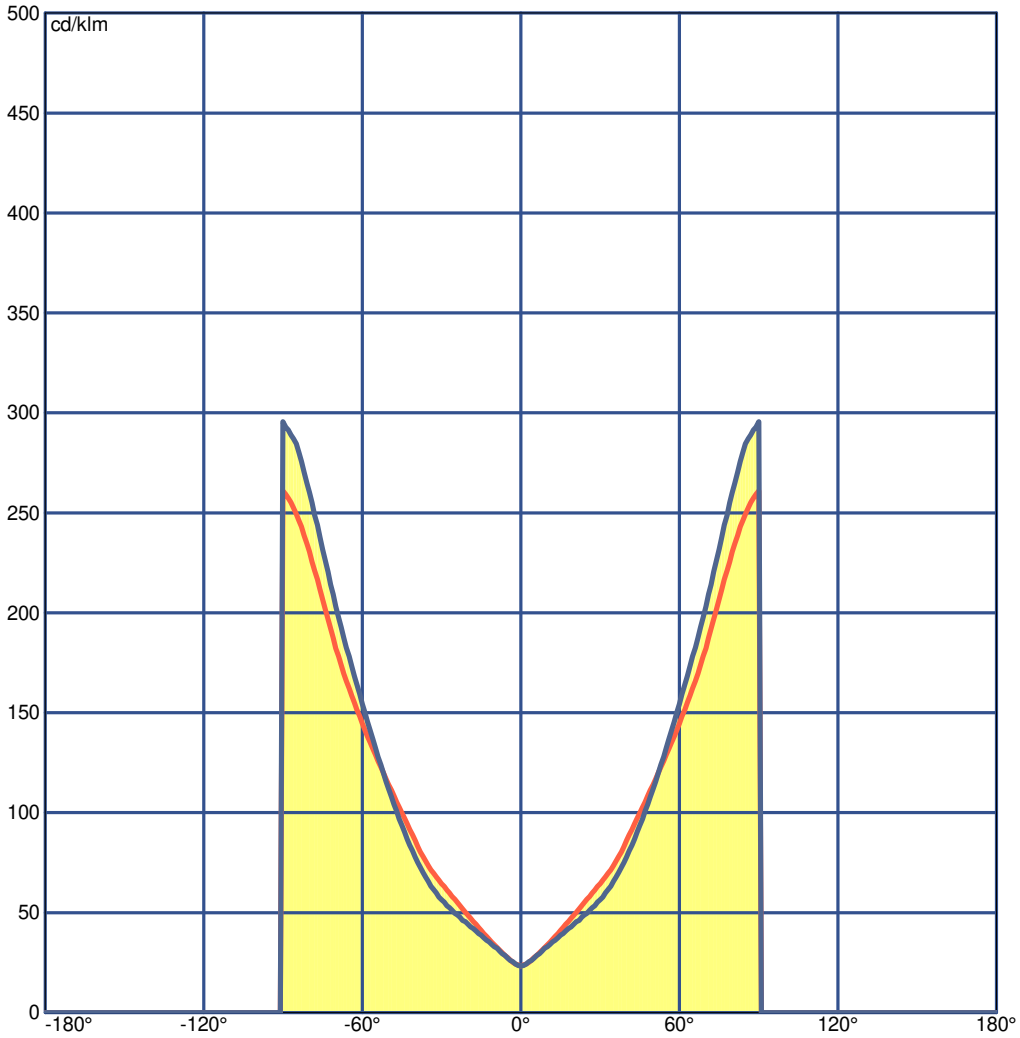
Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	CG	Double Symmetrical

Diam=150mm



C Halfplanes

180.0 0.0
270.0 90.0



LEDS C4

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Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	13.2	15.2	13.5	15.5	15.8	13.5	15.5	13.8	15.8	16.1
x=2H y=3H	17.3	19.2	17.7	19.5	19.8	17.8	19.7	18.2	20.0	20.4
x=2H y=4H	19.6	21.4	19.9	21.7	22.1	20.2	22.0	20.6	22.4	22.7
x=2H y=6H	22.0	23.7	22.4	24.1	24.4	22.7	24.4	23.1	24.8	25.1
x=2H y=8H	23.1	24.9	23.6	25.2	25.6	23.9	25.6	24.3	26.0	26.3
x=2H y=12H	24.4	26.0	24.8	26.4	26.8	25.1	26.8	25.5	27.2	27.6
x=4H y=2H	14.9	16.8	15.3	17.1	17.4	15.1	16.9	15.5	17.3	17.6
x=4H y=3H	19.0	20.7	19.4	21.0	21.4	19.4	21.1	19.8	21.5	21.9
x=4H y=4H	21.3	22.9	21.8	23.3	23.7	21.9	23.4	22.3	23.8	24.2
x=4H y=6H	23.8	25.2	24.2	25.6	26.1	24.4	25.9	24.8	26.3	26.7
x=4H y=8H	25.0	26.4	25.5	26.8	27.3	25.7	27.1	26.1	27.5	28.0
x=4H y=12H	26.3	27.6	26.8	28.0	28.5	27.0	28.3	27.5	28.8	29.2
x=8H y=4H	22.5	23.9	23.0	24.3	24.8	22.9	24.3	23.4	24.7	25.2
x=8H y=6H	25.2	26.4	25.7	26.9	27.4	25.7	26.9	26.2	27.4	27.8
x=8H y=8H	26.6	27.7	27.1	28.2	28.7	27.1	28.3	27.6	28.7	29.2
x=8H y=12H	28.0	29.0	28.5	29.5	30.0	28.6	29.6	29.1	30.1	30.6
x=12H y=4H	22.9	24.2	23.3	24.6	25.1	23.2	24.5	23.6	24.9	25.4
x=12H y=6H	25.7	26.8	26.2	27.3	27.8	26.1	27.2	26.6	27.7	28.2
x=12H y=8H	27.1	28.2	27.7	28.7	29.2	27.6	28.7	28.1	29.1	29.7

LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	CG	Double Symmetrical

Total Flux=106.32 Luminaire Flux=106.32

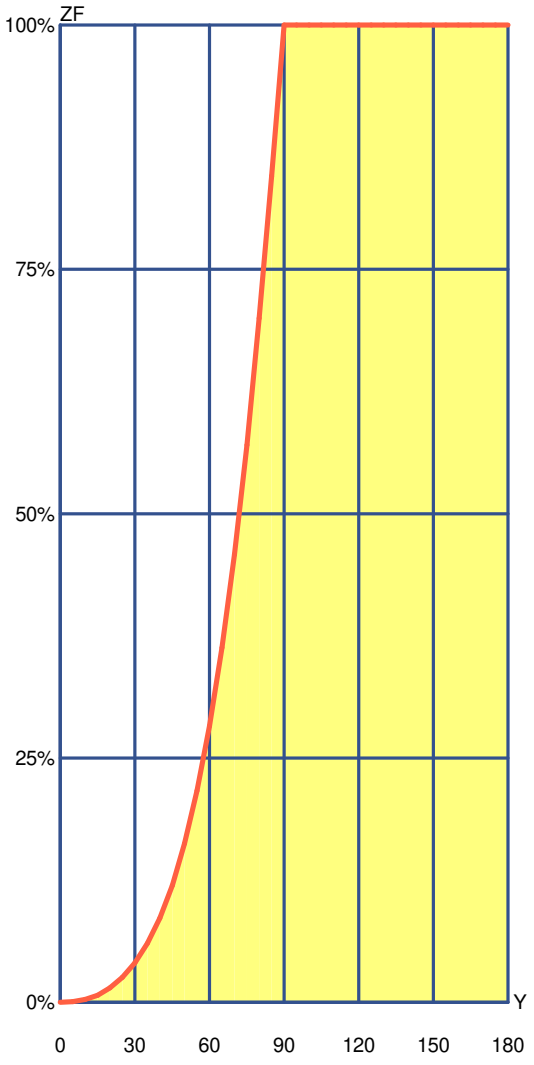
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.06	0.09	0.13	0.18	0.22	0.29	0.35	0.40	0.48	0.54	0.70	0.81
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	3	15	40	86	163	283	458	700	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes
9 28 58 100 100

C.I.E.	-/-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A10	ULOR	0.00000 %
F UTE	--	DLOR	100.00000 %
B NBN	BZ 10	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°	0.61	0.61	0.06 %	0.06 %
10°	2.23	2.84	0.22 %	0.28 %
15°	4.47	7.31	0.45 %	0.73 %
20°	7.33	14.64	0.73 %	1.46 %
25°	10.80	25.44	1.08 %	2.54 %
30°	14.91	40.35	1.49 %	4.04 %
35°	19.79	60.14	1.98 %	6.01 %
40°	25.87	86.01	2.59 %	8.60 %
45°	33.60	119.61	3.36 %	11.96 %
50°	42.93	162.53	4.29 %	16.25 %
55°	53.82	216.35	5.38 %	21.64 %
60°	66.28	282.63	6.63 %	28.26 %
65°	80.20	362.83	8.02 %	36.28 %
70°	95.34	458.17	9.53 %	45.82 %
75°	112.18	570.36	11.22 %	57.04 %
80°	129.69	700.05	12.97 %	70.01 %
85°	145.28	845.33	14.53 %	84.53 %
90°	154.67	1000.00	15.47 %	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 %

LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	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	250	225	219	197	214	188	122	103	109	93	55	42	17	11	87	45	39	13	11	37	11	10	0
0.80	296	272	248	228	258	218	153	134	131	115	69	55	22	16	108	57	52	18	15	49	16	14	0
1.00	328	305	263	247	290	236	178	159	146	131	78	65	26	20	123	67	61	23	19	58	20	18	0
1.25	355	335	273	259	318	248	203	184	158	144	87	74	31	25	136	76	71	27	24	67	24	22	0
1.50	374	355	276	264	338	254	222	204	165	153	94	82	35	29	144	83	78	32	28	74	28	26	0
2.00	396	381	273	264	363	255	250	234	172	162	102	91	43	37	153	92	87	39	35	84	36	33	0
2.50	408	395	266	259	377	251	270	255	173	165	106	97	49	43	157	97	93	45	41	90	41	39	0
3.00	415	404	259	253	386	246	284	271	173	166	109	102	53	48	159	101	98	50	46	94	46	44	0
4.00	423	414	244	240	396	234	304	293	170	165	113	107	61	56	158	106	103	57	54	99	54	51	0
5.00	425	418	232	229	401	224	318	308	167	163	114	109	67	62	157	108	106	63	60	102	60	57	0
10.00	424	421	194	193	404	190	347	342	152	150	116	113	81	79	145	111	110	78	77	107	76	73	0
20.00	417	415	164	163	399	161	364	361	137	136	114	113	92	90	133	111	110	89	88	107	87	84	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	579	565	539	528	558	522	439	431	421	414	353	348	304	302	411	349	347	303	302	346	302	301	283
0.80	694	679	638	627	668	619	544	534	517	509	443	437	388	386	503	437	435	386	385	433	385	384	362
1.00	790	775	720	710	761	701	635	624	599	591	523	516	464	461	583	515	512	462	460	510	460	459	434
1.25	892	877	807	797	860	786	734	722	687	679	610	603	548	545	669	601	598	546	544	595	543	542	515
1.50	978	964	879	871	944	859	820	808	763	756	686	679	624	620	744	677	674	620	618	669	618	615	586
2.00	1000	1000	996	989	1000	977	962	951	887	881	813	806	750	746	868	802	800	746	744	793	743	740	707
2.50	1000	1000	1000	1000	1000	1000	1000	1000	987	982	916	910	855	851	967	905	902	850	848	895	846	842	807
3.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	945	941	1000	993	990	939	937	982	935	930	893
4.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

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	411	396	383	371	387	364	243	235	234	227	146	141	83	81	222	141	139	82	81	138	81	80	57
0.80	495	478	456	443	464	431	310	298	295	286	198	191	125	122	278	190	187	123	121	184	121	120	94
1.00	564	546	514	501	527	487	369	356	349	339	246	237	166	163	327	236	232	163	161	228	161	159	131
1.25	634	617	572	559	593	543	433	419	406	395	300	290	215	211	381	287	283	211	209	277	208	205	176
1.50	692	675	618	607	647	588	489	474	454	444	347	338	260	255	426	333	329	255	252	321	251	248	218
2.00	781	765	688	679	732	658	581	566	532	523	428	418	339	334	501	411	407	333	330	397	327	322	293
2.50	846	832	738	730	795	708	652	637	591	583	491	482	404	399	559	472	469	396	393	456	389	383	354
3.00	895	882	775	768	843	746	708	694	637	630	542	533	457	452	604	522	518	448	445	504	440	433	405
4.00	965	955	828	823	911	800	791	779	704	698	617	610	539	534	670	596	593	528	525	577	518	509	483
5.00	1000	1000	863	859	959	837	850	839	751	746	672	666	599	594	717	650	647	587	584	630	576	565	540
10.00	1000	1000	948	946	1000	927	1000	995	869	867	814	810	762	758	838	791	789	745	743	769	730	716	695
20.00	1000	1000	1000	1000	1000	986	1000	1000	950	948	914	912	880	878	921	891	890	861	860	869	843	827	809

LM53 SHR C0-C180: 4.389 SHR C90-C270: 4.600 SHR Square: 3.930

LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	CG	Double Symmetrical

Gamma 0-180 beyond limit of 89 degrees

Gamma 0-180 beyond limit of 89 degrees

Gamma 0-180 beyond limit of 89 degrees

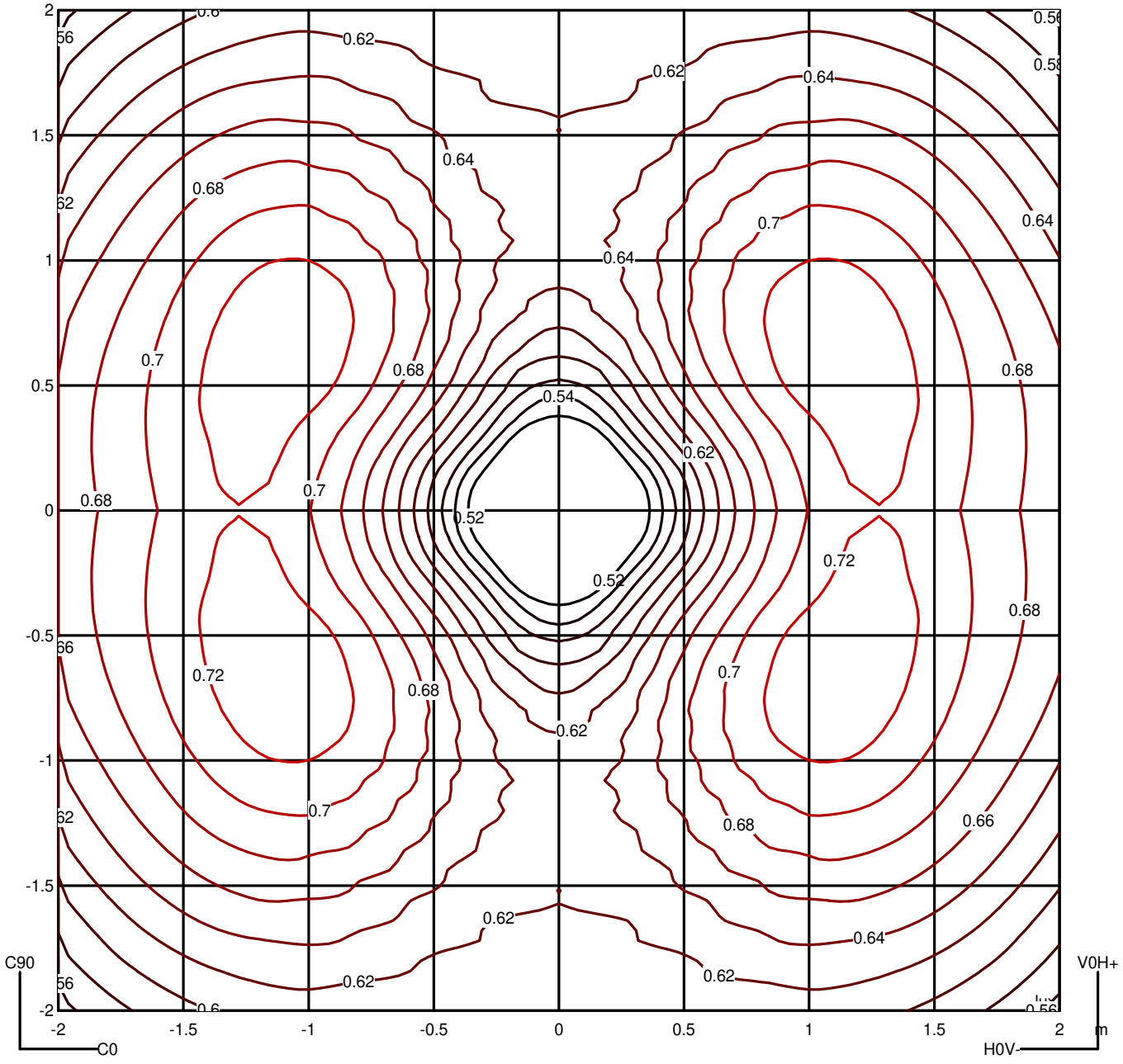
LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	CG	Double Symmetrical

Isolux (Floor)

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

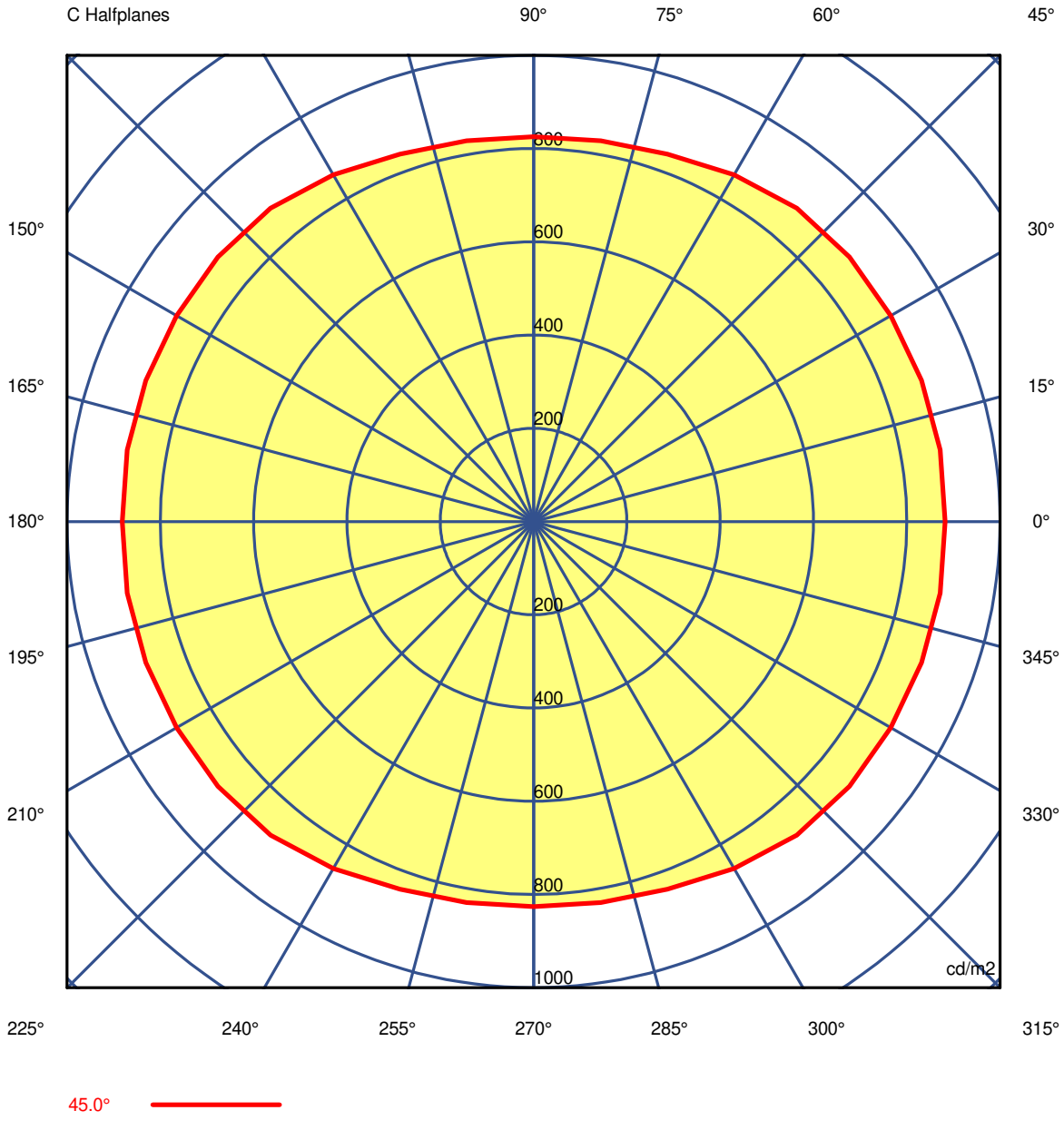


LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	CG	Double Symmetrical

Luminance



LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	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	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32
G 5.0	201.66	201.39	201.76	202.44	202.46	201.98	201.12	199.97	199.45	199.73	199.45	199.97	201.12
G 10.0	247.14	248.57	250.79	253.42	254.89	253.42	249.34	245.00	242.05	240.54	242.05	245.00	249.34
G 15.0	300.60	301.33	303.85	307.24	308.28	305.36	298.86	291.07	285.77	283.51	285.77	291.07	298.86
G 20.0	360.09	362.00	365.14	367.78	366.12	360.04	350.13	337.94	329.76	326.76	329.76	337.94	350.13
G 25.0	426.62	429.82	433.54	435.72	432.31	421.89	406.21	389.89	378.83	373.36	378.83	389.89	406.21
G 30.0	499.26	503.02	507.56	510.70	507.77	496.05	476.85	455.93	442.39	437.10	442.39	455.93	476.85
G 35.0	588.71	592.84	597.16	600.29	598.80	587.82	567.66	545.19	530.70	525.29	530.70	545.19	567.66
G 40.0	721.29	723.33	723.18	721.50	719.41	709.08	689.24	667.96	654.96	650.87	654.96	667.96	689.24
G 45.0	881.69	884.82	884.78	883.68	883.41	877.83	859.24	838.84	829.61	825.87	829.61	838.84	859.24
G 50.0	1074.97	1076.17	1079.86	1090.83	1104.29	1103.17	1085.25	1065.62	1058.13	1056.38	1058.13	1065.62	1085.25
G 55.0	1315.54	1317.79	1328.93	1361.09	1395.45	1402.54	1380.69	1356.78	1346.59	1349.80	1346.59	1356.78	1380.69
G 60.0	1618.70	1628.54	1654.61	1718.64	1786.17	1806.30	1775.31	1738.02	1721.95	1727.65	1721.95	1738.02	1775.31
G 65.0	2030.00	2043.02	2085.50	2192.78	2299.98	2337.50	2300.05	2246.79	2222.10	2229.90	2222.10	2246.79	2300.05
G 70.0	2606.44	2620.28	2701.50	2853.99	3009.13	3063.98	3009.20	2931.76	2895.74	2906.57	2895.74	2931.76	3009.20
G 75.0	3480.25	3498.96	3613.98	3830.51	4048.90	4117.82	4030.67	3924.42	3880.72	3901.00	3880.72	3924.42	4030.67
G 80.0	4763.26	4795.90	4926.57	5265.72	5589.69	5686.89	5552.75	5382.75	5321.25	5375.61	5321.25	5382.75	5552.75
G 85.0	6730.54	6746.58	6925.58	7449.62	7948.18	8088.70	7871.94	7615.48	7550.12	7681.40	7550.12	7615.48	7871.94
G 90.0	10275.62	10144.96	10469.35	11244.83	11995.24	12194.67	11839.95	11433.45	11363.87	11638.32	11363.87	11433.45	11839.95

LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	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	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32
G 5.0	201.98	202.46	202.44	201.76	201.39	201.66	201.39	201.76	202.44	202.46	201.98	201.12	199.97
G 10.0	253.42	254.89	253.42	250.79	248.57	247.14	248.57	250.79	253.42	254.89	253.42	249.34	245.00
G 15.0	305.36	308.28	307.24	303.85	301.33	300.60	301.33	303.85	307.24	308.28	305.36	298.86	291.07
G 20.0	360.04	366.12	367.78	365.14	362.00	360.09	362.00	365.14	367.78	366.12	360.04	350.13	337.94
G 25.0	421.89	432.31	435.72	433.54	429.82	426.62	429.82	433.54	435.72	432.31	421.89	406.21	389.89
G 30.0	496.05	507.77	510.70	507.56	503.02	499.26	503.02	507.56	510.70	507.77	496.05	476.85	455.93
G 35.0	587.82	598.80	600.29	597.16	592.84	588.71	592.84	597.16	600.29	598.80	587.82	567.66	545.19
G 40.0	709.08	719.41	721.50	723.18	723.33	721.29	723.33	723.18	721.50	719.41	709.08	689.24	667.96
G 45.0	877.83	883.41	883.68	884.78	884.82	881.69	884.82	884.78	883.68	883.41	877.83	859.24	838.84
G 50.0	1103.17	1104.29	1090.83	1079.86	1076.17	1074.97	1076.17	1079.86	1090.83	1104.29	1103.17	1085.25	1065.62
G 55.0	1402.54	1395.45	1361.09	1328.93	1317.79	1315.54	1317.79	1328.93	1361.09	1395.45	1402.54	1380.69	1356.78
G 60.0	1806.30	1786.17	1718.64	1654.61	1628.54	1618.70	1628.54	1654.61	1718.64	1786.17	1806.30	1775.31	1738.02
G 65.0	2337.50	2299.98	2192.78	2085.50	2043.02	2030.00	2043.02	2085.50	2192.78	2299.98	2337.50	2300.05	2246.79
G 70.0	3063.98	3009.13	2853.99	2701.50	2620.28	2606.44	2620.28	2701.50	2853.99	3009.13	3063.98	3009.20	2931.76
G 75.0	4117.82	4048.90	3830.51	3613.98	3498.96	3480.25	3498.96	3613.98	3830.51	4048.90	4117.82	4030.67	3924.42
G 80.0	5686.89	5589.69	5265.72	4926.57	4795.90	4763.26	4795.90	4926.57	5265.72	5589.69	5686.89	5552.75	5382.75
G 85.0	8088.70	7948.18	7449.62	6925.58	6746.58	6730.54	6746.58	6925.58	7449.62	7948.18	8088.70	7871.94	7615.48
G 90.0	12194.67	11995.24	11244.83	10469.35	10144.96	10275.62	10144.96	10469.35	11244.83	11995.24	12194.67	11839.95	11433.45

LEDS C4

Luminaire
Code PX-0158-ANT
Name UP
Measurem.
Code PX-0158-ANT
Name UP

Luminaire Flux	106.32 lm	Luminaire Power	10.60 W	Efficacy	10.03 lm/W	Efficiency	100.00%
Sources Flux	106.32 lm	Maximum value	309.57 cd/klm	Position	C=45.00 G=90.00	CG	Double Symmetrical

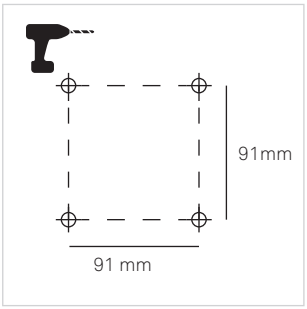
Luminance cd/m2 **Table 3/3**

	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	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32	173.32
G 5.0	199.45	199.73	199.45	199.97	201.12	201.98	202.46	202.44	201.76	201.39
G 10.0	242.05	240.54	242.05	245.00	249.34	253.42	254.89	253.42	250.79	248.57
G 15.0	285.77	283.51	285.77	291.07	298.86	305.36	308.28	307.24	303.85	301.33
G 20.0	329.76	326.76	329.76	337.94	350.13	360.04	366.12	367.78	365.14	362.00
G 25.0	378.83	373.36	378.83	389.89	406.21	421.89	432.31	435.72	433.54	429.82
G 30.0	442.39	437.10	442.39	455.93	476.85	496.05	507.77	510.70	507.56	503.02
G 35.0	530.70	525.29	530.70	545.19	567.66	587.82	598.80	600.29	597.16	592.84
G 40.0	654.96	650.87	654.96	667.96	689.24	709.08	719.41	721.50	723.18	723.33
G 45.0	829.61	825.87	829.61	838.84	859.24	877.83	883.41	883.68	884.78	884.82
G 50.0	1058.13	1056.38	1058.13	1065.62	1085.25	1103.17	1104.29	1090.83	1079.86	1076.17
G 55.0	1346.59	1349.80	1346.59	1356.78	1380.69	1402.54	1395.45	1361.09	1328.93	1317.79
G 60.0	1721.95	1727.65	1721.95	1738.02	1775.31	1806.30	1786.17	1718.64	1654.61	1628.54
G 65.0	2222.10	2229.90	2222.10	2246.79	2300.05	2337.50	2299.98	2192.78	2085.50	2043.02
G 70.0	2895.74	2906.57	2895.74	2931.76	3009.20	3063.98	3009.13	2853.99	2701.50	2620.28
G 75.0	3880.72	3901.00	3880.72	3924.42	4030.67	4117.82	4048.90	3830.51	3613.98	3498.96
G 80.0	5321.25	5375.61	5321.25	5382.75	5552.75	5686.89	5589.69	5265.72	4926.57	4795.90
G 85.0	7550.12	7681.40	7550.12	7615.48	7871.94	8088.70	7948.18	7449.62	6925.58	6746.58
G 90.0	11363.87	11638.32	11363.87	11433.45	11839.95	12194.67	11995.24	11244.83	10469.35	10144.96

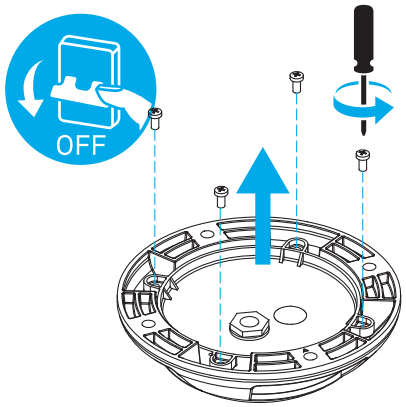
Up

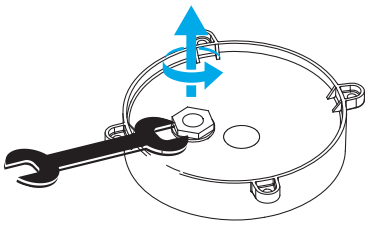
PX-0158 PX-0557



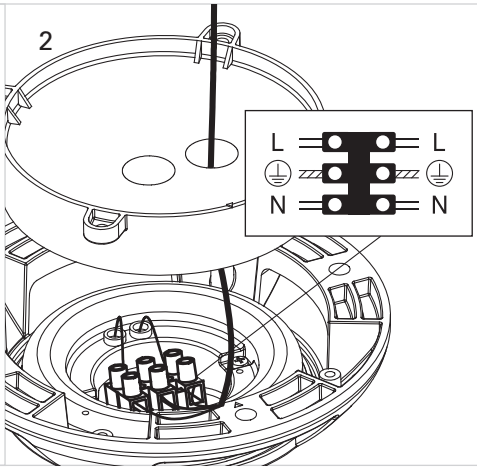


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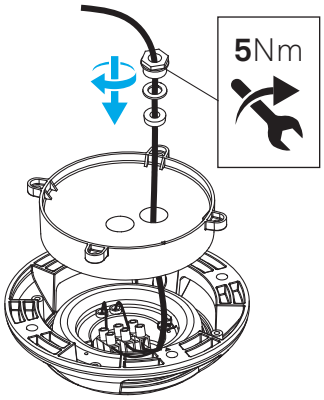




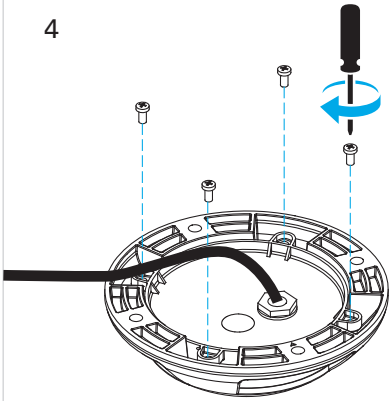
2



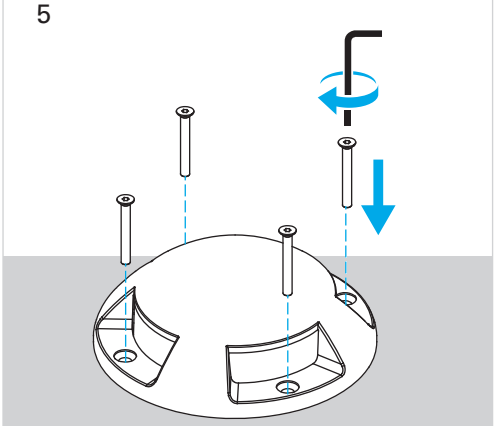
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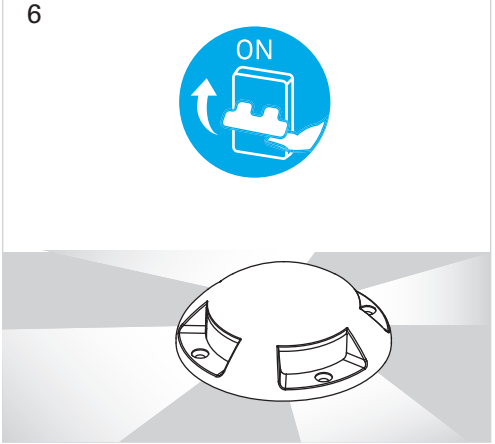
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5



6



04-10-2022