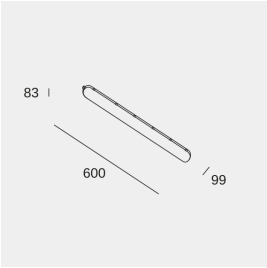
Propper 600mm

PX-0145-GRI

Surface-mounted ceiling light IP65 Propper 600mm LED 15.6W 4000K ON-OFF Grey 1404lm





TECHNICAL FEATURES

IP65 IK10

Luminaire total power : 17.7W

Real lumens : 1404

Nominal lumens : 1750

Real lm/W : 79

Lens / reflector angle : HORIZONTAL 121º

Structure material : Polycarbonate, Stainless steel AISI202

Structure finish : Grey

Diffuser material : Polycarbonate

Diffuser finish : Transparent

Voltage / frequency : 100-240V ~ 50/60Hz

Dimming protocol : ON-OFF

Power Factor : 0.90

Useful life : 36.000h L70B30

Warranty : 3 Years

Corrosion resistance (Neutral Salt Spray test according to ISO 9227) : Yes

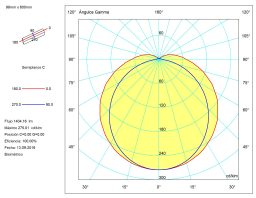
LUMINOTECHNIC FEATURES

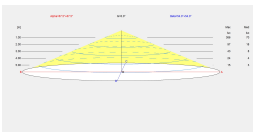
CRI: 80

MacAdam steps: 3

Photobiological risk: RG1

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
LED	1	15.6W	4000K





LOGISTICS

Net weight (kg): 0.71

Packaged weight (kg): 0.94

Packaging: 100mm x 75mm x 620mm

8 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-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency	100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

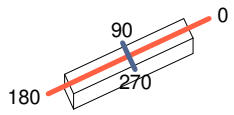
Rectangular Luminaire		Length	99 mm	Width	600 mm	Height	83 mm
Rectangular Luminous Area		Length	99 mm	Width	600 mm	Height	30 mm
Horizontal Luminous Area		0.059400 m2		Emitting area on Plane 180°		0.002970 m2	
Emitting area on Plane 0°		0.002970 m2		Emitting area on Plane 270°		0.018000 m2	
Emitting area on Plane 90°		0.018000 m2		Glare area at 76°		0.017252 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		13-09-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1404.16 lm	
Operator		Asselum T2		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-0145-GRI	PX-0145-GRI	1404.16	18.00	1

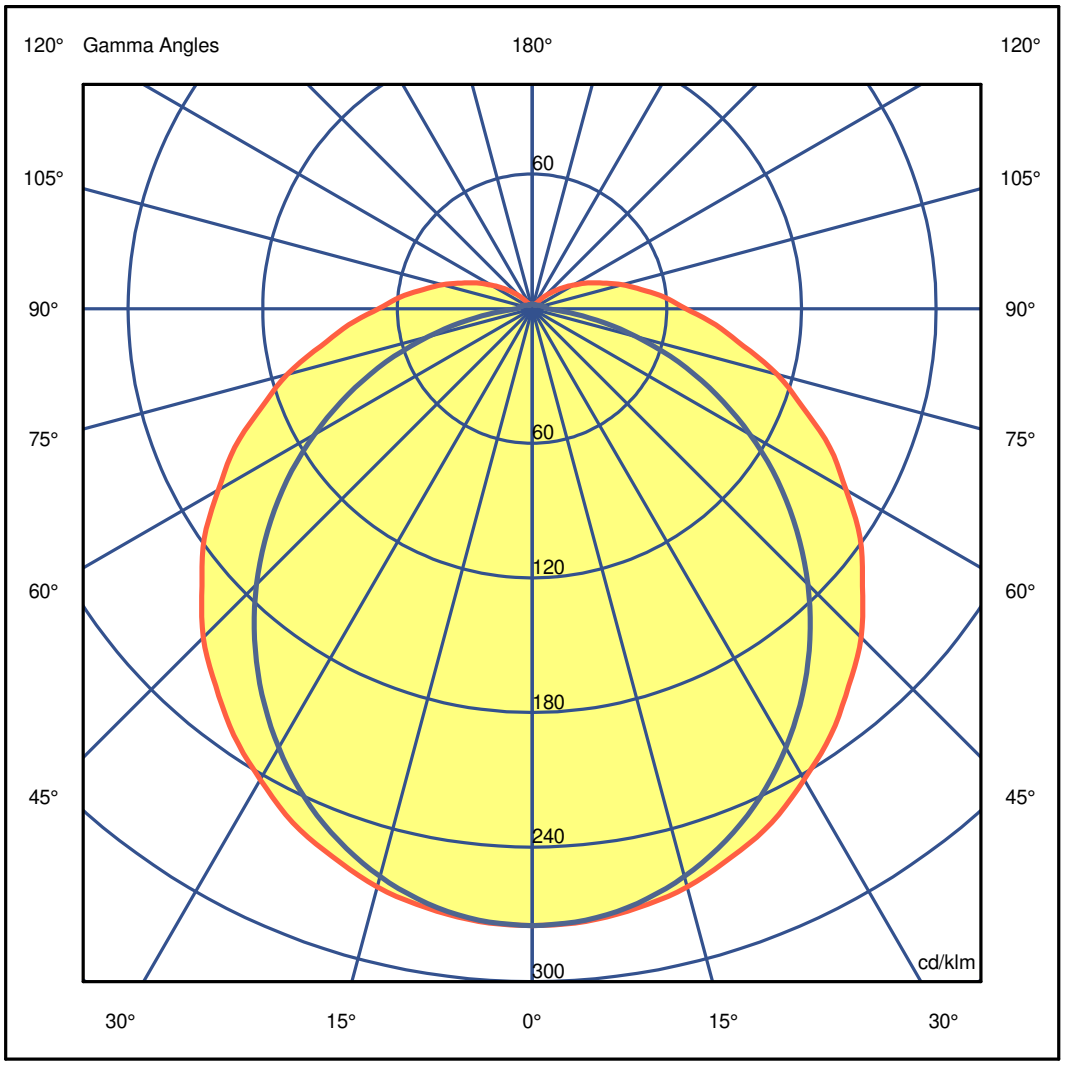
C.I.E.	41 70 89 91 100	D DIN 5040	A31
F UTE	0.91 G + 0.09 T	B NBN	BZ 5

99mm x 600mm



C Halfplanes
180.0 — 0.0
270.0 — 90.0

ULOR 9.28 %
DLOR 90.72 %
RN 9.28 %



LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency	100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	275.01	275.01	275.01	275.01	275.01	275.01	275.01
G 5.0	274.10	273.92	273.82	273.74	273.64	273.57	273.53
G 10.0	271.14	270.96	270.57	270.14	269.58	269.31	269.13
G 15.0	266.79	266.10	265.35	264.12	262.98	262.42	261.95
G 20.0	259.97	259.43	257.94	256.03	254.11	253.11	252.24
G 25.0	252.66	251.26	248.97	245.86	242.96	241.40	240.21
G 30.0	242.30	241.26	238.08	233.83	229.73	227.60	225.89
G 35.0	231.93	230.15	226.15	220.33	215.01	211.82	209.90
G 40.0	219.40	217.64	212.40	205.50	198.87	194.26	192.42
G 45.0	207.25	204.75	198.73	189.67	181.55	176.56	173.68
G 50.0	192.11	189.67	182.69	173.35	163.52	156.81	153.88
G 55.0	178.41	175.19	167.60	156.06	144.78	137.43	133.40
G 60.0	161.41	158.43	150.23	138.96	126.50	116.71	112.09
G 65.0	146.30	142.82	134.57	121.38	107.53	96.73	90.55
G 70.0	128.32	125.44	116.81	104.73	90.14	76.58	69.34
G 75.0	113.02	109.63	100.93	87.53	72.36	57.45	48.01
G 80.0	95.64	92.85	84.47	72.34	56.81	40.33	29.35
G 85.0	82.07	78.72	70.79	57.82	42.81	26.15	14.17
G 90.0	68.50	66.05	58.49	47.24	32.34	16.85	7.09
G 95.0	59.16	56.63	49.46	38.17	24.99	11.58	6.11
G100.0	49.31	47.06	40.66	31.15	18.98	8.11	5.34
G105.0	41.58	39.36	33.55	24.32	14.16	5.83	4.73
G110.0	33.56	31.73	26.57	19.09	10.30	4.36	4.14
G115.0	27.38	25.54	21.18	14.22	7.25	3.68	3.68
G120.0	21.09	19.83	15.84	10.58	4.91	3.24	3.22
G125.0	16.32	15.02	11.86	7.20	3.33	2.85	2.88
G130.0	11.52	10.70	7.98	4.74	2.64	2.57	2.57
G135.0	8.08	7.20	5.35	2.95	2.39	2.34	2.35
G140.0	4.82	4.36	3.10	2.32	2.21	2.15	2.17
G145.0	2.91	2.63	2.27	2.16	2.05	1.98	2.01
G150.0	2.20	2.20	2.14	2.08	1.99	1.98	2.02
G155.0	2.08	2.09	2.05	1.99	1.99	2.00	2.05
G160.0	1.98	1.97	1.97	1.98	2.01	2.02	2.08
G165.0	1.96	1.96	1.96	2.01	2.04	2.08	2.11
G170.0	1.98	1.99	2.00	2.02	2.08	2.12	2.14
G175.0	2.01	2.00	2.02	2.07	2.11	2.14	2.16
G180.0	2.01	2.04	2.07	2.10	2.12	2.14	2.16

LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

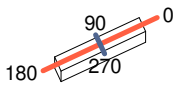
Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency	100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

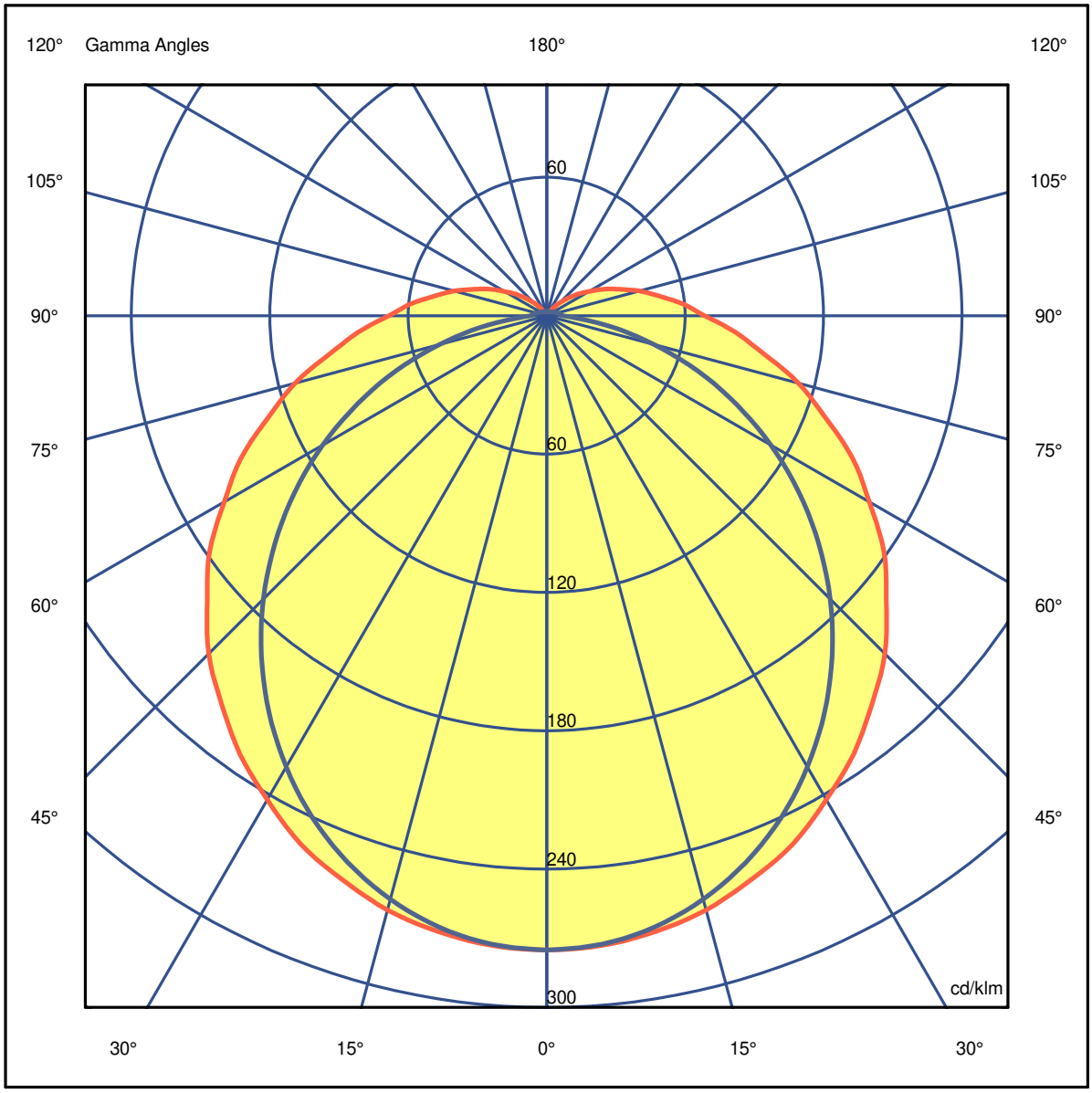
99mm x 600mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



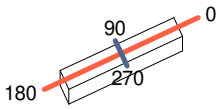


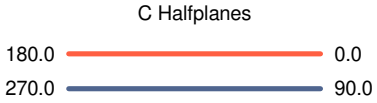
LEDS C4

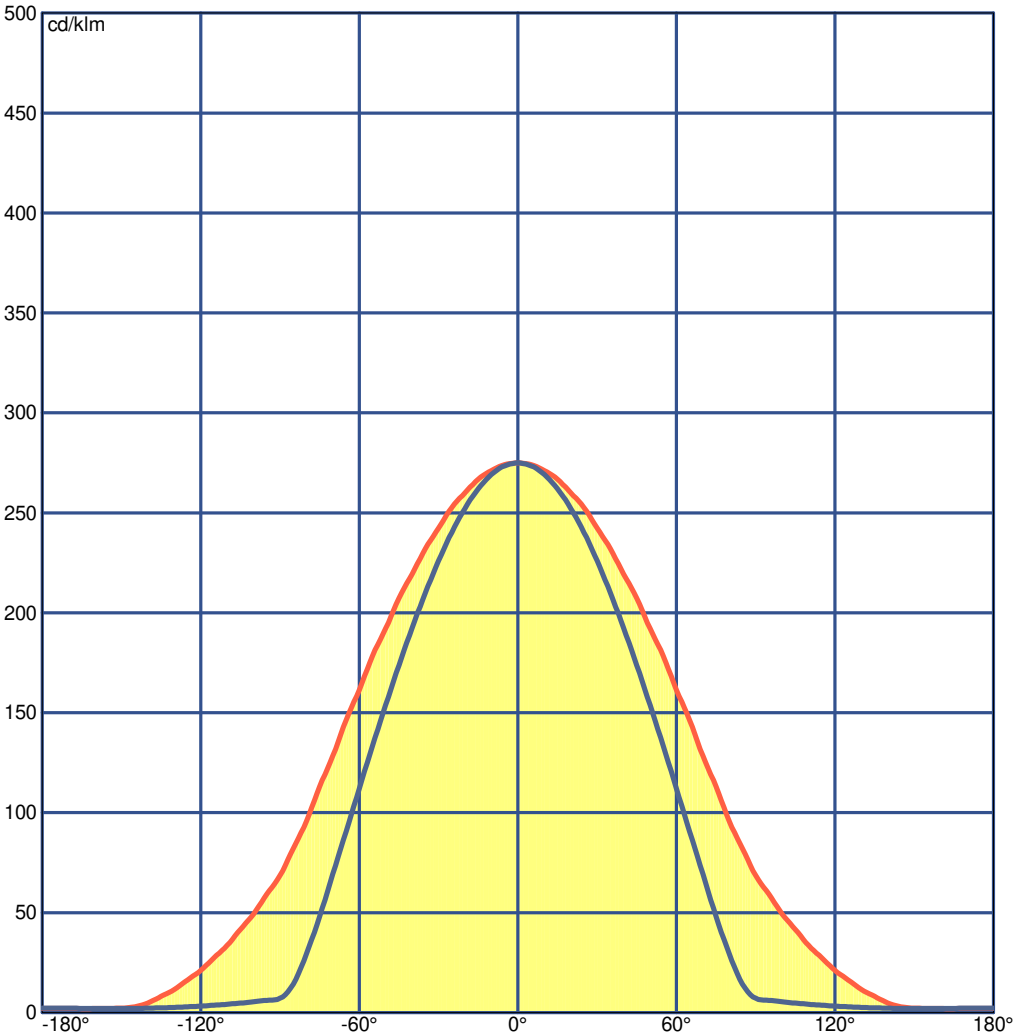
Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
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Name PROPPER

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99mm x 600mm







LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency	100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	18.4	19.7	18.8	20.1	20.5	16.2	17.5	16.6	17.9	18.3
x=2H y=3H	20.7	21.9	21.2	22.3	22.8	17.5	18.7	18.0	19.1	19.6
x=2H y=4H	22.0	23.1	22.5	23.5	24.0	18.0	19.1	18.5	19.6	20.1
x=2H y=6H	23.2	24.3	23.7	24.7	25.2	18.3	19.4	18.8	19.8	20.3
x=2H y=8H	23.9	24.9	24.4	25.3	25.9	18.4	19.4	18.9	19.9	20.4
x=2H y=12H	24.6	25.5	25.1	26.0	26.6	18.4	19.4	18.9	19.9	20.4
x=4H y=2H	18.9	20.0	19.4	20.5	21.0	17.3	18.4	17.8	18.9	19.4
x=4H y=3H	21.5	22.4	22.0	22.9	23.5	18.8	19.8	19.3	20.3	20.8
x=4H y=4H	22.9	23.7	23.4	24.2	24.8	19.4	20.3	20.0	20.8	21.4
x=4H y=6H	24.3	25.1	24.9	25.6	26.2	19.9	20.6	20.4	21.2	21.8
x=4H y=8H	25.1	25.8	25.6	26.3	26.9	20.0	20.7	20.6	21.3	21.9
x=4H y=12H	25.9	26.5	26.5	27.1	27.7	20.1	20.7	20.7	21.3	21.9
x=8H y=4H	23.1	23.8	23.7	24.4	25.0	20.3	21.0	20.8	21.5	22.1
x=8H y=6H	24.7	25.3	25.3	25.9	26.6	20.9	21.5	21.5	22.1	22.7
x=8H y=8H	25.6	26.2	26.2	26.8	27.4	21.2	21.7	21.8	22.3	23.0
x=8H y=12H	26.6	27.1	27.3	27.7	28.4	21.3	21.8	21.9	22.4	23.1
x=12H y=4H	23.1	23.8	23.7	24.3	25.0	20.5	21.1	21.1	21.7	22.3
x=12H y=6H	24.8	25.3	25.4	25.9	26.6	21.3	21.8	21.9	22.4	23.1
x=12H y=8H	25.7	26.2	26.4	26.8	27.5	21.6	22.0	22.2	22.7	23.4

LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

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Sources Flux	1404.16 lm	Maximum value	275.01 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Total Flux=1404.16 Luminaire Flux=1404.16

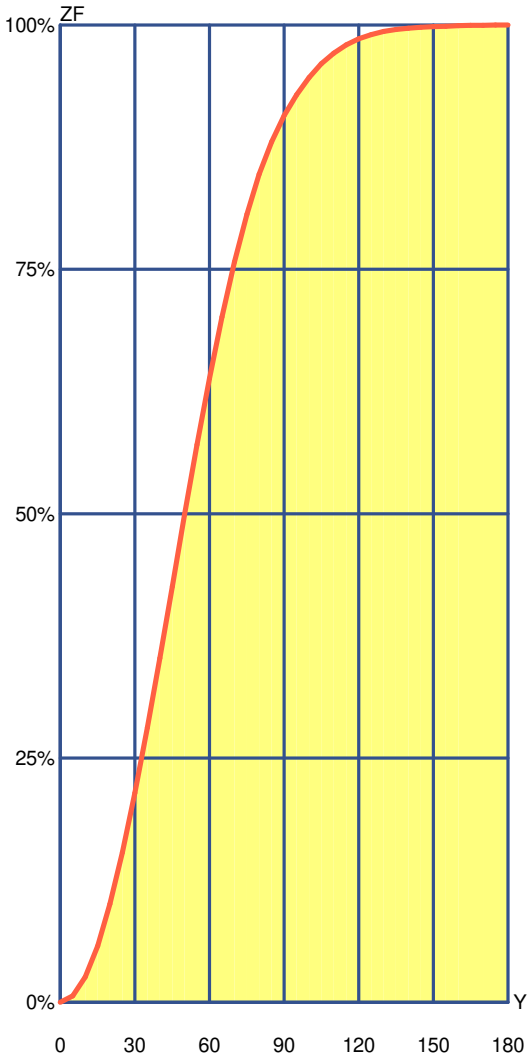
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.27	0.34	0.41	0.48	0.53	0.62	0.67	0.72	0.77	0.81	0.89	0.94
RC	6	6	6	6	6	6	6	6	7	7	7	7

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)	26	101	214	352	499	639	758	847	907	946	971	986	993	997	998	999	1000	1000

CIE Flux Codes
41 70 89 91 100

C.I.E.	6/6/6/6/6/6/6/7/7/7/7	LOR	100.00000 %
D DIN 5040	A31	ULOR	9.27960 %
F UTE	0.91 G + 0.09 T	DLOR	90.72040 %
B NBN	BZ 5	UFF	9.27960 %
RN	9.27960 %	DFF	90.72040 %
BLF	1.0	FFR	10.22880 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.56	6.56	0.66 %	0.66 %
10°	19.46	26.02	1.95 %	2.60 %
15°	31.70	57.71	3.17 %	5.77 %
20°	42.88	100.60	4.29 %	10.06 %
25°	52.68	153.27	5.27 %	15.33 %
30°	60.78	214.05	6.08 %	21.40 %
35°	66.98	281.03	6.70 %	28.10 %
40°	71.16	352.18	7.12 %	35.22 %
45°	73.33	425.52	7.33 %	42.55 %
50°	73.44	498.96	7.34 %	49.90 %
55°	71.61	570.57	7.16 %	57.06 %
60°	67.98	638.55	6.80 %	63.85 %
65°	62.76	701.31	6.28 %	70.13 %
70°	56.30	757.60	5.63 %	75.76 %
75°	48.83	806.44	4.88 %	80.64 %
80°	40.93	847.36	4.09 %	84.74 %
85°	33.23	880.59	3.32 %	88.06 %
90°	26.61	907.20	2.66 %	90.72 %
95°	21.55	928.75	2.16 %	92.88 %
100°	17.51	946.27	1.75 %	94.63 %
105°	13.99	960.26	1.40 %	96.03 %
110°	10.95	971.20	1.09 %	97.12 %
115°	8.37	979.57	0.84 %	97.96 %
120°	6.24	985.81	0.62 %	98.58 %
125°	4.49	990.29	0.45 %	99.03 %
130°	3.10	993.39	0.31 %	99.34 %
135°	2.06	995.45	0.21 %	99.55 %
140°	1.33	996.78	0.13 %	99.68 %
145°	0.87	997.65	0.09 %	99.76 %
150°	0.64	998.29	0.06 %	99.83 %
155°	0.52	998.81	0.05 %	99.88 %
160°	0.42	999.23	0.04 %	99.92 %
165°	0.33	999.56	0.03 %	99.96 %
170°	0.24	999.80	0.02 %	99.98 %
175°	0.15	999.95	0.01 %	100.00 %
180°	0.05	1000.00	0.00 %	100.00 %

LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

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Sources Flux	1404.16 lm	Maximum value	275.01 cd/klm	Position	C=0.00 G=0.00	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	284	255	242	218	243	208	169	144	148	126	107	81	78	53	118	87	77	63	51	73	54	46	35
0.80	325	298	261	241	283	230	203	178	168	147	123	98	89	65	138	102	92	75	62	88	65	57	41
1.00	352	327	268	251	311	241	230	205	180	161	134	111	99	76	151	114	105	85	72	99	75	66	46
1.25	375	353	271	257	336	247	256	233	189	173	144	123	108	87	162	125	116	95	83	111	85	77	52
1.50	392	372	270	258	355	249	277	255	195	180	152	132	116	96	170	134	126	104	92	120	93	85	56
2.00	413	397	264	255	379	246	309	289	200	189	161	145	129	111	179	146	138	117	106	133	107	99	62
2.50	426	413	257	251	394	243	331	313	202	193	168	154	138	122	184	153	147	127	117	141	118	110	66
3.00	435	424	252	246	405	239	348	332	204	196	172	160	145	130	187	159	154	135	126	148	126	118	70
4.00	447	438	244	240	419	234	371	357	205	199	178	168	155	143	190	167	162	145	138	157	137	130	74
5.00	455	447	238	235	428	230	386	375	205	200	182	174	161	151	193	172	168	153	147	163	145	138	77
10.00	469	465	223	222	446	218	421	415	204	201	190	186	177	171	195	183	181	170	167	176	164	159	84
20.00	476	473	213	213	455	210	441	437	202	200	194	192	186	183	195	188	187	181	179	182	176	171	88

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	468	453	415	403	444	397	350	338	320	311	268	258	231	222	306	259	256	225	221	253	222	219	200
0.80	535	519	462	451	507	443	413	399	369	359	317	305	277	267	352	306	301	270	265	298	265	261	239
1.00	583	567	493	483	552	473	461	446	404	394	353	341	313	302	385	340	335	305	299	330	298	293	268
1.25	628	613	520	511	594	500	507	492	437	427	388	376	348	337	415	373	368	339	333	362	331	325	296
1.50	662	648	539	531	627	520	545	530	461	452	415	403	377	365	439	399	395	366	360	387	357	350	319
2.00	704	692	559	553	668	541	595	581	491	484	450	439	415	404	468	433	429	403	396	419	392	383	348
2.50	734	723	573	568	696	555	631	618	512	505	475	465	443	432	489	457	453	429	423	442	417	407	369
3.00	755	745	582	578	717	565	658	645	527	521	494	485	464	454	503	475	471	449	444	459	436	425	385
4.00	790	782	602	598	752	586	702	691	554	549	526	518	500	491	530	506	503	484	479	489	469	456	413
5.00	817	811	618	616	779	603	735	726	576	572	551	545	529	520	552	531	528	511	507	513	496	481	436
10.00	892	888	669	668	853	655	826	820	639	637	623	619	608	603	615	602	600	589	586	582	571	554	504
20.00	949	947	713	712	910	700	894	891	690	689	681	678	672	668	667	659	658	651	649	638	631	612	560

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	543	527	507	494	516	485	402	390	387	377	320	310	272	264	370	310	307	266	262	303	262	259	241
0.80	646	628	595	582	612	570	495	481	473	461	403	390	351	339	450	389	384	342	336	379	335	330	311
1.00	728	709	663	650	688	635	573	557	542	530	473	458	419	406	516	455	450	407	401	442	399	392	372
1.25	805	786	726	713	761	697	651	633	610	597	542	527	488	474	579	521	515	474	466	505	463	454	434
1.50	864	846	771	760	817	742	712	693	661	649	597	581	544	528	628	573	567	527	519	554	514	503	482
2.00	950	934	837	828	899	808	805	787	738	727	680	665	631	615	702	653	647	611	602	631	594	580	559
2.50	1000	992	878	871	953	850	870	852	789	779	737	723	692	676	751	707	702	669	660	682	649	632	612
3.00	1000	1000	907	901	992	879	917	900	825	817	779	765	737	722	786	747	742	712	703	720	690	671	651
4.00	1000	1000	943	938	1000	916	979	965	872	865	832	821	796	782	832	798	794	768	760	769	743	720	700
5.00	1000	1000	965	961	1000	939	1000	1000	901	895	867	857	835	822	860	831	827	805	798	800	777	752	733
10.00	1000	1000	1000	1000	1000	987	1000	1000	965	962	944	938	925	916	923	906	903	889	885	870	856	826	806
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	990	987	979	974	960	950	949	940	938	913	904	870	851

LM53 SHR C0-C180: 1.311 SHR C90-C270: 1.214 SHR Square: 1.402

LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

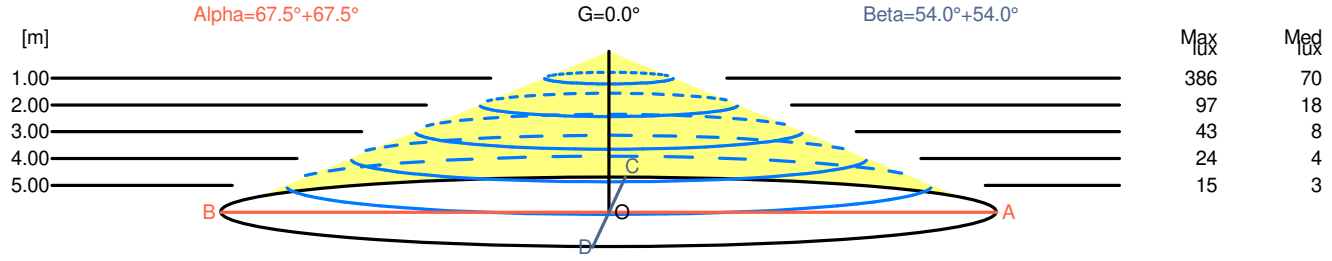
Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency	100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	2.41	4.82	7.22	9.63	12.04	OC	1.38	2.75	4.13	5.51	6.89
OB	2.41	4.82	7.22	9.63	12.04	OD	1.38	2.75	4.13	5.51	6.89

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	386.15	384.88	374.61	354.77	325.67	291.01	250.52	205.42	158.70	115.24
OB	386.15	384.88	374.61	354.77	325.67	291.01	250.52	205.42	158.70	115.24
OC	386.15	384.08	367.82	337.29	294.73	243.88	187.32	127.15	67.42	19.90
OD	386.15	384.08	367.82	337.29	294.73	243.88	187.32	127.15	67.42	19.90



H[m]	D[m]	Max lux	Med lux	Alpha=67.5°+67.5° G=0.0
1.00	4.82	386	70	
2.00	9.63	97	18	
3.00	14.45	43	8	
4.00	19.27	24	4	
5.00	24.08	15	3	

H[m]	D[m]	Max lux	Med lux	Beta=54.0°+54.0° G=0.0
1.00	2.75	386	70	
2.00	5.51	97	18	
3.00	8.26	43	8	
4.00	11.02	24	4	
5.00	13.77	15	3	

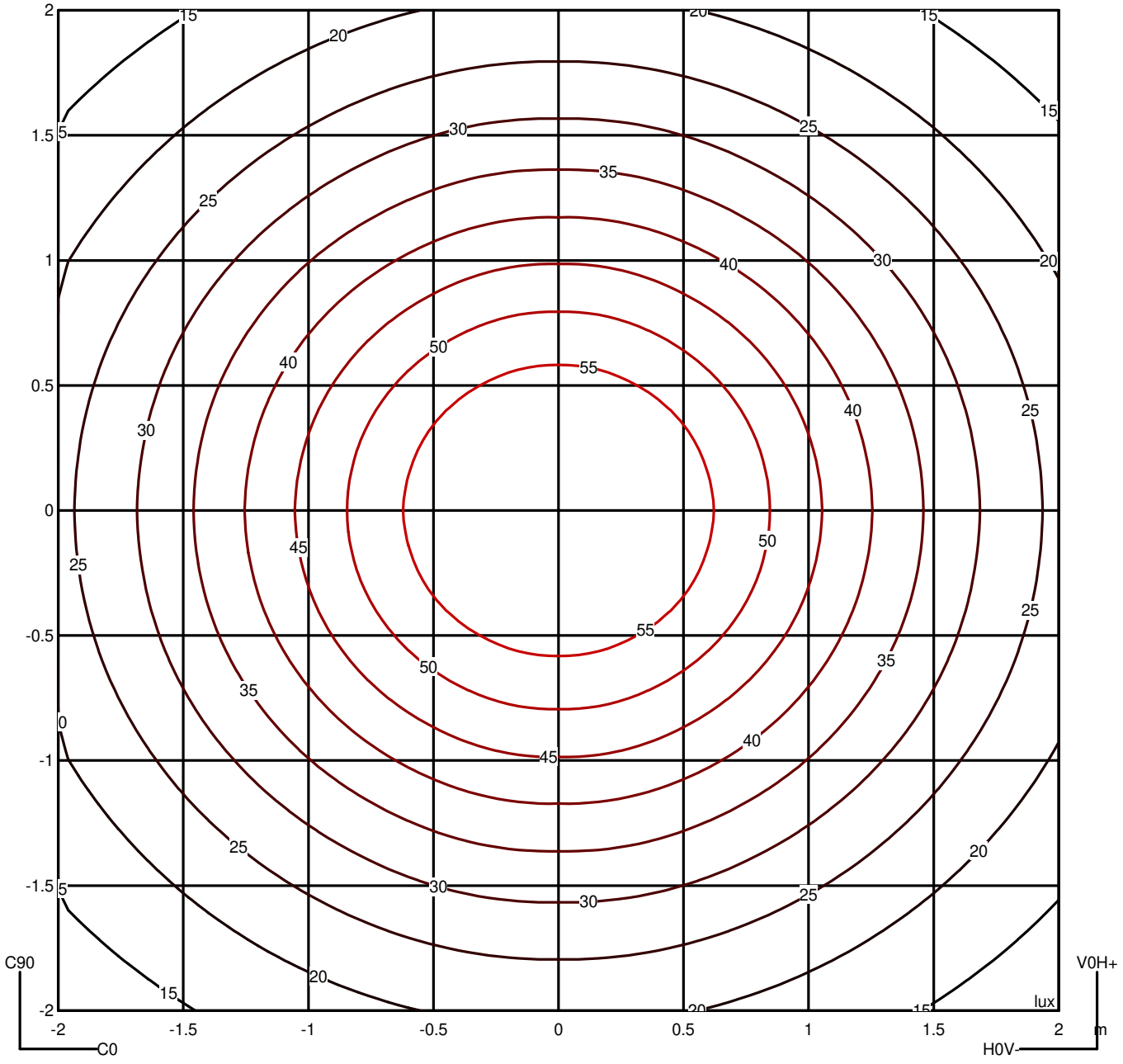
LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency	100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 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

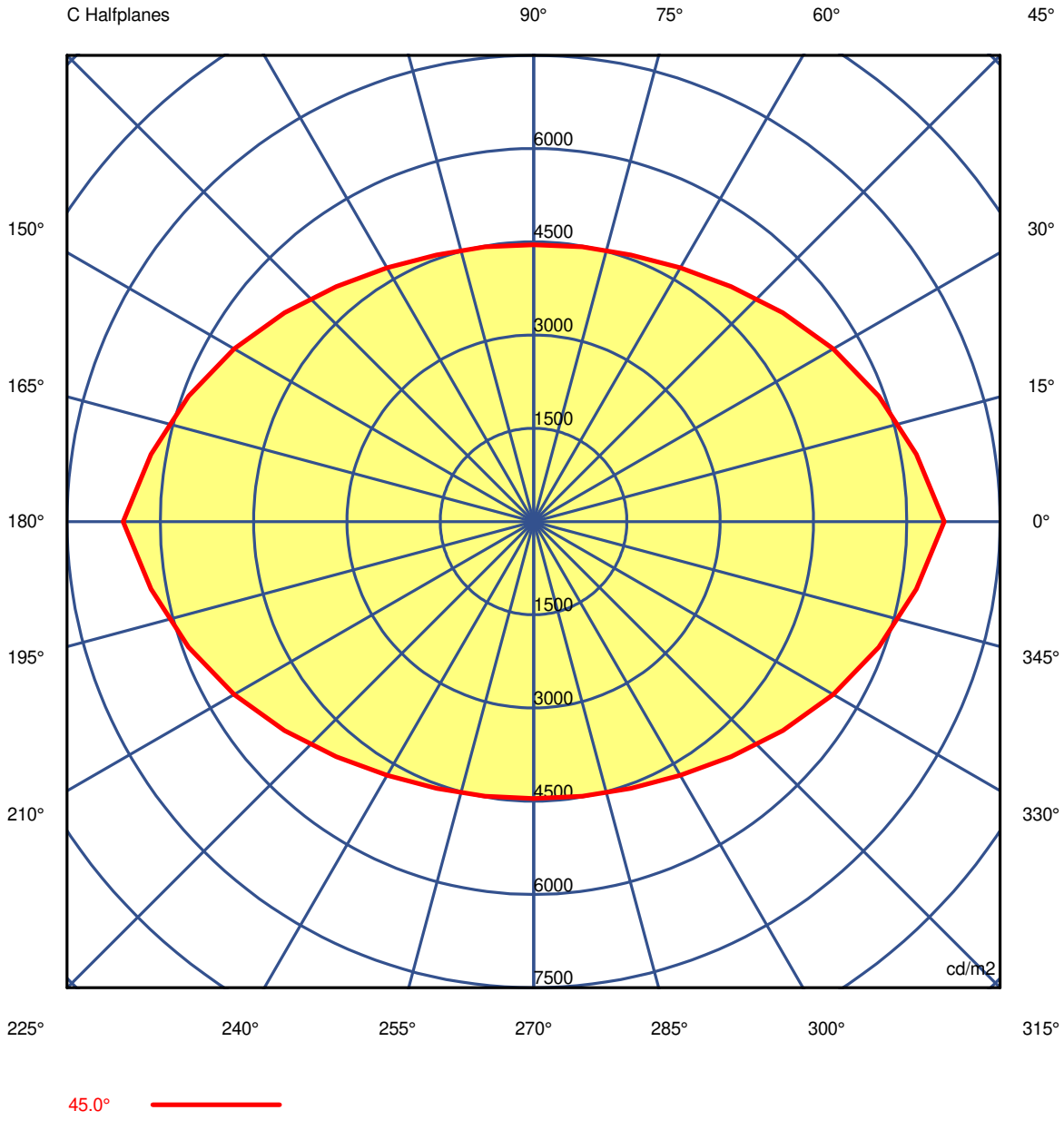


LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency	100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency	100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 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	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88
G 5.0	6475.91	6443.78	6414.43	6388.68	6366.58	6348.12	6333.92	6325.01	6321.44	6323.02	6321.44	6325.01	6333.92
G 10.0	6451.44	6391.27	6333.16	6279.01	6232.10	6191.33	6158.78	6139.17	6130.98	6132.54	6130.98	6139.17	6158.78
G 15.0	6442.74	6344.55	6254.45	6171.63	6093.86	6026.51	5975.77	5944.96	5930.36	5929.29	5930.36	5944.96	5975.77
G 20.0	6422.95	6299.40	6177.54	6059.22	5952.61	5859.67	5786.94	5743.00	5720.71	5714.95	5720.71	5743.00	5786.94
G 25.0	6439.83	6269.59	6107.55	5952.95	5809.53	5684.41	5588.02	5528.96	5498.47	5489.62	5498.47	5528.96	5588.02
G 30.0	6428.29	6233.32	6037.47	5841.60	5661.21	5502.30	5378.12	5303.62	5263.88	5247.85	5263.88	5303.62	5378.12
G 35.0	6466.62	6220.06	5980.44	5742.77	5515.91	5317.99	5165.29	5066.55	5013.89	4996.96	5013.89	5066.55	5165.29
G 40.0	6497.76	6212.58	5924.76	5633.52	5364.85	5131.82	4944.45	4813.00	4745.89	4734.15	4745.89	4813.00	4944.45
G 45.0	6598.59	6245.45	5903.70	5560.32	5226.83	4936.61	4714.42	4568.40	4487.68	4456.00	4487.68	4568.40	4714.42
G 50.0	6667.68	6259.80	5856.02	5452.76	5083.51	4753.54	4479.28	4288.74	4187.64	4157.55	4187.64	4288.74	4479.28
G 55.0	6862.95	6353.90	5875.33	5403.93	4950.82	4549.09	4230.44	4014.71	3891.93	3837.26	3891.93	4014.71	4230.44
G 60.0	7022.95	6424.71	5858.86	5310.55	4814.66	4371.62	3992.76	3706.95	3540.85	3475.24	3540.85	3706.95	3992.76
G 65.0	7390.64	6625.72	5948.99	5308.91	4702.02	4163.64	3720.97	3388.58	3179.93	3070.07	3179.93	3388.58	3720.97
G 70.0	7797.64	6852.79	6021.51	5258.63	4595.59	4006.93	3481.14	3042.12	2758.40	2615.37	2758.40	3042.12	3481.14
G 75.0	8699.20	7356.79	6278.97	5337.65	4509.00	3798.57	3188.54	2661.47	2288.66	2057.97	2288.66	2661.47	3188.54
G 80.0	10143.73	8132.64	6656.21	5463.08	4500.12	3679.00	2940.22	2279.31	1793.46	1469.46	1793.46	2279.31	2940.22
G 85.0	14164.49	10046.53	7644.30	5950.22	4624.48	3579.56	2709.43	1914.93	1302.44	861.20	1302.44	1914.93	2709.43
G 90.0	32386.32	15618.93	10059.66	7097.47	5211.84	3814.20	2659.67	1688.15	1003.42	552.78	1003.42	1688.15	2659.67

LEDS C4

Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency	100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 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	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88
G 5.0	6348.12	6366.58	6388.68	6414.43	6443.78	6475.91	6443.78	6414.43	6388.68	6366.58	6348.12	6333.92	6325.01
G 10.0	6191.33	6232.10	6279.01	6333.16	6391.27	6451.44	6391.27	6333.16	6279.01	6232.10	6191.33	6158.78	6139.17
G 15.0	6026.51	6093.86	6171.63	6254.45	6344.55	6442.74	6344.55	6254.45	6171.63	6093.86	6026.51	5975.77	5944.96
G 20.0	5859.67	5952.61	6059.22	6177.54	6299.40	6422.95	6299.40	6177.54	6059.22	5952.61	5859.67	5786.94	5743.00
G 25.0	5684.41	5809.53	5952.95	6107.55	6269.59	6439.83	6269.59	6107.55	5952.95	5809.53	5684.41	5588.02	5528.96
G 30.0	5502.30	5661.21	5841.60	6037.47	6233.32	6428.29	6233.32	6037.47	5841.60	5661.21	5502.30	5378.12	5303.62
G 35.0	5317.99	5515.91	5742.77	5980.44	6220.06	6466.62	6220.06	5980.44	5742.77	5515.91	5317.99	5165.29	5066.55
G 40.0	5131.82	5364.85	5633.52	5924.76	6212.58	6497.76	6212.58	5924.76	5633.52	5364.85	5131.82	4944.45	4813.00
G 45.0	4936.61	5226.83	5560.32	5903.70	6245.45	6598.59	6245.45	5903.70	5560.32	5226.83	4936.61	4714.42	4568.40
G 50.0	4753.54	5083.51	5452.76	5856.02	6259.80	6667.68	6259.80	5856.02	5452.76	5083.51	4753.54	4479.28	4288.74
G 55.0	4549.09	4950.82	5403.93	5875.33	6353.90	6862.95	6353.90	5875.33	5403.93	4950.82	4549.09	4230.44	4014.71
G 60.0	4371.62	4814.66	5310.55	5858.86	6424.71	7022.95	6424.71	5858.86	5310.55	4814.66	4371.62	3992.76	3706.95
G 65.0	4163.64	4702.02	5308.91	5948.99	6625.72	7390.64	6625.72	5948.99	5308.91	4702.02	4163.64	3720.97	3388.58
G 70.0	4006.93	4595.59	5258.63	6021.51	6852.79	7797.64	6852.79	6021.51	5258.63	4595.59	4006.93	3481.14	3042.12
G 75.0	3798.57	4509.00	5337.65	6278.97	7356.79	8699.20	7356.79	6278.97	5337.65	4509.00	3798.57	3188.54	2661.47
G 80.0	3679.00	4500.12	5463.08	6656.21	8132.64	10143.73	8132.64	6656.21	5463.08	4500.12	3679.00	2940.22	2279.31
G 85.0	3579.56	4624.48	5950.22	7644.30	10046.53	14164.49	10046.53	7644.30	5950.22	4624.48	3579.56	2709.43	1914.93
G 90.0	3814.20	5211.84	7097.47	10059.66	15618.93	32386.32	15618.93	10059.66	7097.47	5211.84	3814.20	2659.67	1688.15

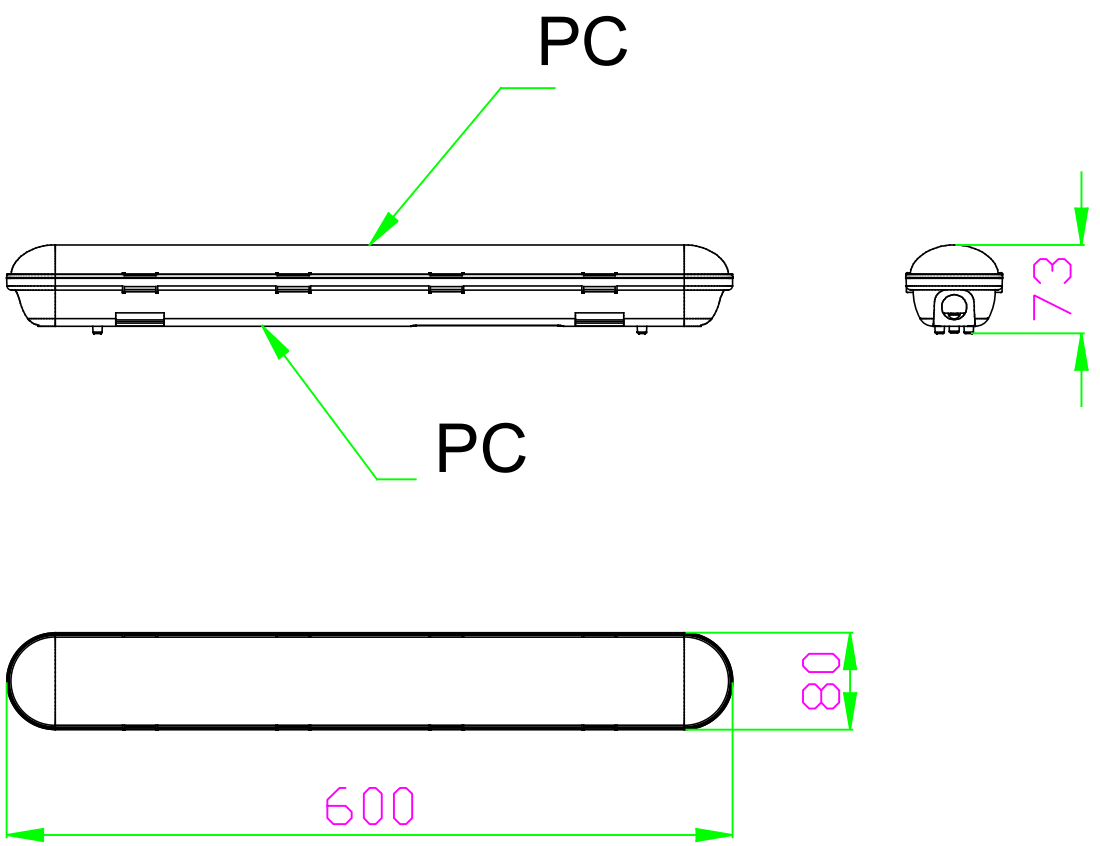
LEDS C4

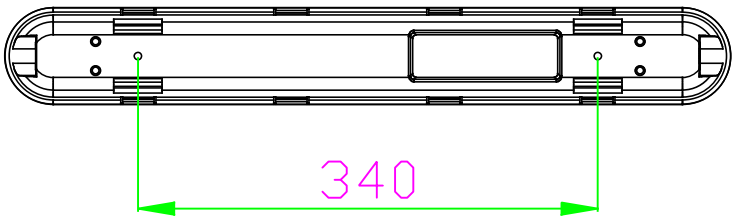
Luminaire
Code PX-0145-GRI
Name PROPPER
Measurem.
Code PX-0145-GRI
Name PROPPER

Luminaire Flux	1404.16 lm	Luminaire Power	18.00 W	Efficacy	78.01 lm/W	Efficiency 100.00%
Sources Flux	1404.16 lm	Maximum value	275.01 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	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88	6500.88
G 5.0	6321.44	6323.02	6321.44	6325.01	6333.92	6348.12	6366.58	6388.68	6414.43	6443.78
G 10.0	6130.98	6132.54	6130.98	6139.17	6158.78	6191.33	6232.10	6279.01	6333.16	6391.27
G 15.0	5930.36	5929.29	5930.36	5944.96	5975.77	6026.51	6093.86	6171.63	6254.45	6344.55
G 20.0	5720.71	5714.95	5720.71	5743.00	5786.94	5859.67	5952.61	6059.22	6177.54	6299.40
G 25.0	5498.47	5489.62	5498.47	5528.96	5588.02	5684.41	5809.53	5952.95	6107.55	6269.59
G 30.0	5263.88	5247.85	5263.88	5303.62	5378.12	5502.30	5661.21	5841.60	6037.47	6233.32
G 35.0	5013.89	4996.96	5013.89	5066.55	5165.29	5317.99	5515.91	5742.77	5980.44	6220.06
G 40.0	4745.89	4734.15	4745.89	4813.00	4944.45	5131.82	5364.85	5633.52	5924.76	6212.58
G 45.0	4487.68	4456.00	4487.68	4568.40	4714.42	4936.61	5226.83	5560.32	5903.70	6245.45
G 50.0	4187.64	4157.55	4187.64	4288.74	4479.28	4753.54	5083.51	5452.76	5856.02	6259.80
G 55.0	3891.93	3837.26	3891.93	4014.71	4230.44	4549.09	4950.82	5403.93	5875.33	6353.90
G 60.0	3540.85	3475.24	3540.85	3706.95	3992.76	4371.62	4814.66	5310.55	5858.86	6424.71
G 65.0	3179.93	3070.07	3179.93	3388.58	3720.97	4163.64	4702.02	5308.91	5948.99	6625.72
G 70.0	2758.40	2615.37	2758.40	3042.12	3481.14	4006.93	4595.59	5258.63	6021.51	6852.79
G 75.0	2288.66	2057.97	2288.66	2661.47	3188.54	3798.57	4509.00	5337.65	6278.97	7356.79
G 80.0	1793.46	1469.46	1793.46	2279.31	2940.22	3679.00	4500.12	5463.08	6656.21	8132.64
G 85.0	1302.44	861.20	1302.44	1914.93	2709.43	3579.56	4624.48	5950.22	7644.30	10046.53
G 90.0	1003.42	552.78	1003.42	1688.15	2659.67	3814.20	5211.84	7097.47	10059.66	15618.93


PC
PC
73
80
600

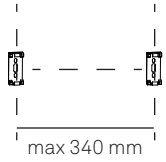

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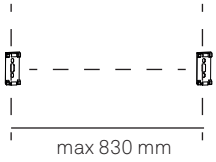
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FOR LIGHT

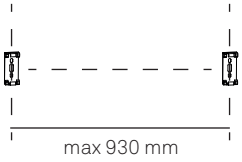
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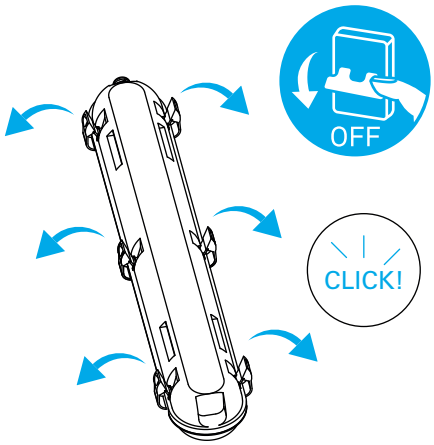
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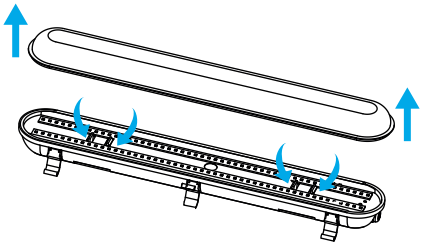
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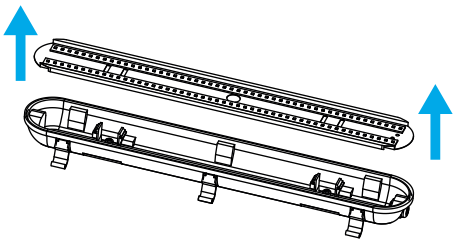
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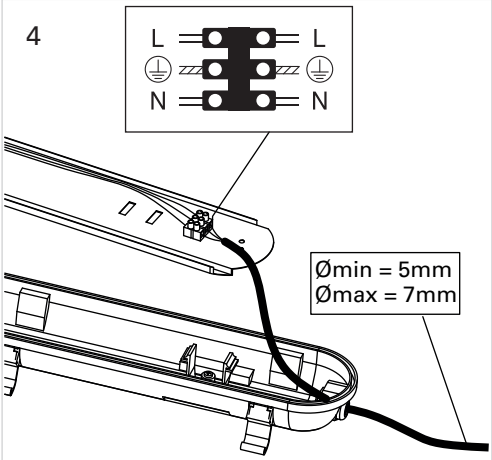
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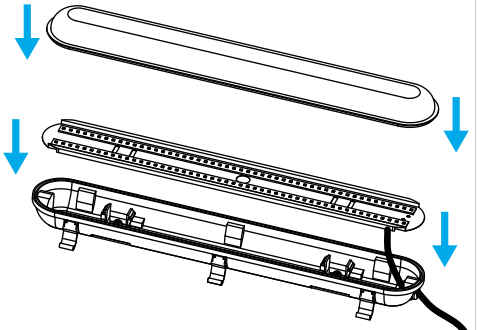
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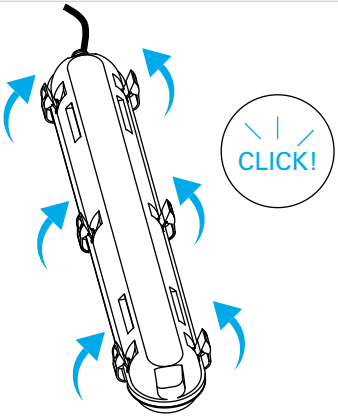
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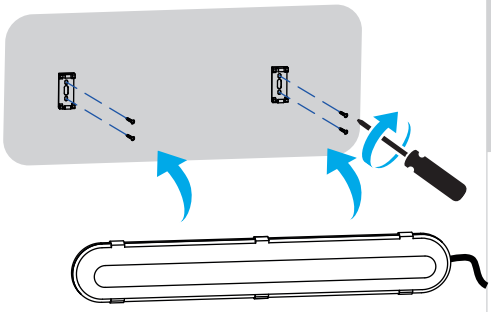
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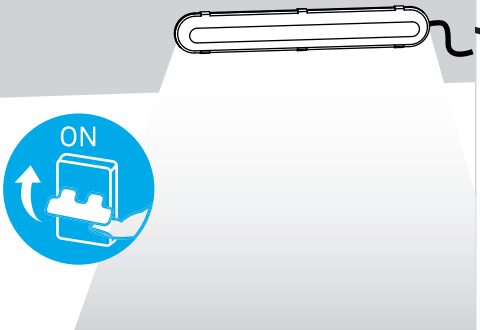
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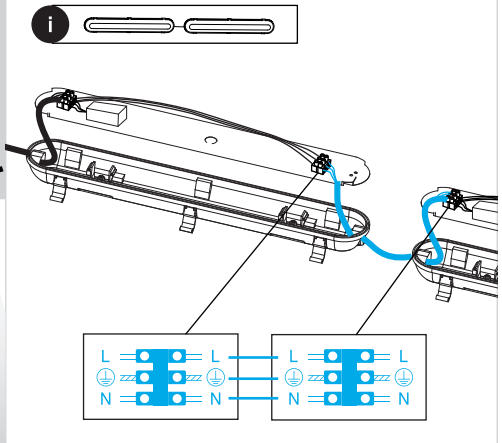


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13-10-2021