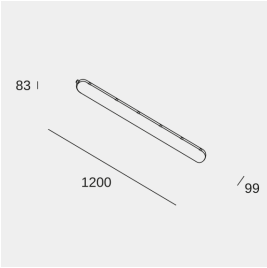
Propper 1200mm

PX-0221-GRI

Surface-mounted ceiling light IP65 Propper 1200mm LED 35.6W 4000K ON-OFF Grey 3445lm





TECHNICAL FEATURES

IP65 IK10

Luminaire total power : 39W

Real lumens : 3445

Nominal lumens : 3550

Real lm/W : 88

Lens / reflector angle : HORIZONTAL 119º

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

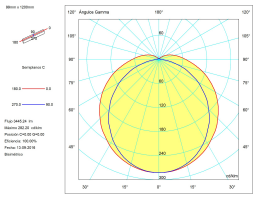
LUMINOTECHNIC FEATURES

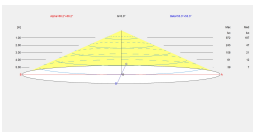
CRI: 80

MacAdam steps: 6

Photobiological risk: RG0

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
LED	1	35.6W	4000K





LOGISTICS

Net weight (kg): 1.53

Packaged weight (kg): 1.69

Packaging: 100mm x 75mm x 1210mm

8 Un

LIGHT APPLICATION

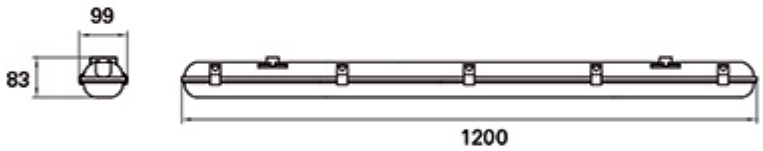


Image may not match reference. LEDS C4 reserves the right to amend any of the product's components. The data related to flux, power and colour temperature are subject to a tolerance of ±10%.

LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

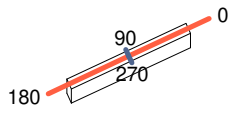
Rectangular Luminaire	Length 99 mm		Width 1200 mm		Height 83 mm
Rectangular Luminous Area	Length 99 mm		Width 1200 mm		Height 30 mm
Horizontal Luminous Area	0.118800 m2		Emitting area on Plane 180°		0.002970 m2
Emitting area on Plane 0°	0.002970 m2		Emitting area on Plane 270°		0.036000 m2
Emitting area on Plane 90°	0.036000 m2		Glare area at 76°		0.031622 m2
Coordinate system	CG		Symmetry Type		Double Symmetrical
Date	13-09-2016		Maximum Gamma Angle		180
Measurement Distance	0.00		Measurement Flux		3445.24 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-0221-GRI	PX-0221-GRI	3445.24	40.00	1

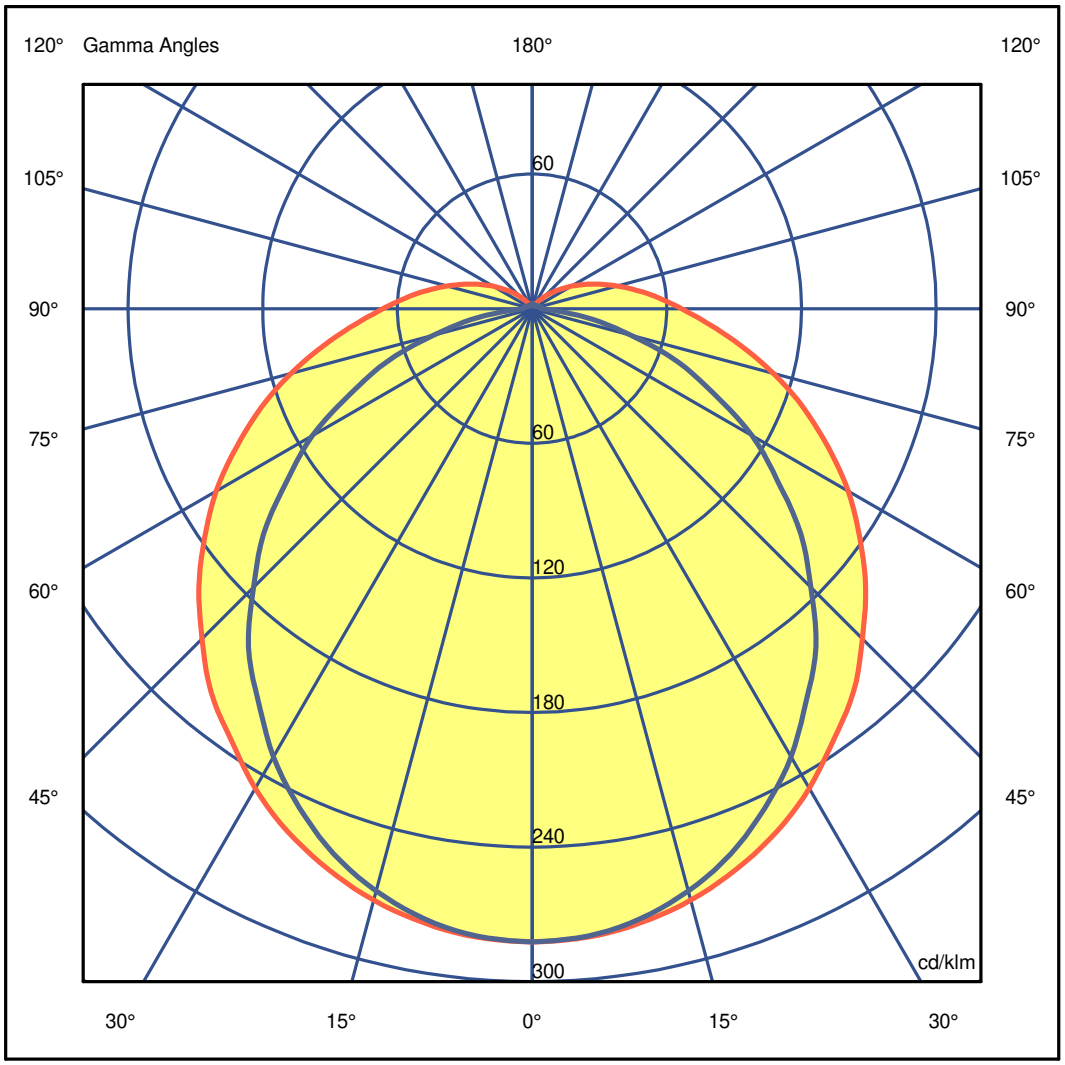
C.I.E.	42 71 90 91 100	D DIN 5040	A31
F UTE	0.91 G + 0.09 T	B NBN	BZ 5

99mm x 1200mm



C Halfplanes
180.0 — 0.0
270.0 — 90.0

ULOR 8.72 %
DLOR 91.28 %
RN 8.72 %



LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 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	282.20	282.20	282.20	282.20	282.20	282.20	282.20
G 5.0	281.17	281.13	280.97	280.94	280.76	280.72	280.67
G 10.0	277.96	277.84	277.44	277.03	276.57	276.19	276.13
G 15.0	272.91	272.58	271.68	270.91	269.66	268.92	268.64
G 20.0	265.88	265.45	264.05	262.14	260.36	259.02	258.55
G 25.0	257.33	256.47	254.39	251.39	248.10	246.42	245.37
G 30.0	246.82	245.60	242.17	238.43	234.57	230.49	230.60
G 35.0	234.24	233.15	229.56	224.88	217.73	213.64	212.95
G 40.0	222.74	220.38	213.81	208.78	202.56	196.74	196.72
G 45.0	208.05	206.52	200.89	192.81	183.63	177.44	175.50
G 50.0	193.88	192.28	183.98	175.02	165.66	157.44	156.33
G 55.0	178.19	175.93	168.52	158.01	145.66	136.87	133.32
G 60.0	162.59	159.83	150.64	139.42	127.05	116.10	113.17
G 65.0	145.25	142.06	134.05	122.12	107.70	94.96	89.09
G 70.0	128.43	125.56	116.11	103.67	89.10	74.92	69.01
G 75.0	111.26	107.52	99.63	87.10	71.56	55.21	45.59
G 80.0	94.35	91.76	83.12	70.54	55.19	38.49	27.84
G 85.0	79.24	76.09	68.74	56.84	41.16	23.96	10.98
G 90.0	66.61	64.22	56.85	45.16	30.65	14.81	4.65
G 95.0	56.51	53.91	47.23	36.85	23.30	9.76	3.98
G100.0	47.35	45.30	39.13	29.29	17.44	6.54	3.63
G105.0	39.25	37.28	31.66	23.23	12.87	4.50	3.30
G110.0	32.08	30.40	25.56	17.71	9.20	3.26	3.03
G115.0	25.70	24.26	19.87	13.45	6.43	2.83	2.76
G120.0	20.18	18.90	15.28	9.63	4.26	2.57	2.53
G125.0	15.29	14.24	11.05	6.74	2.85	2.35	1.90
G130.0	11.13	10.27	7.85	4.29	2.31	2.17	1.80
G135.0	7.63	6.95	5.02	2.74	2.15	1.98	1.79
G140.0	4.80	4.34	3.12	2.19	2.02	1.88	1.80
G145.0	2.82	2.61	2.29	2.10	1.96	1.86	1.83
G150.0	2.29	2.26	2.19	2.03	1.93	1.86	1.87
G155.0	2.17	2.14	2.10	1.97	1.92	1.89	1.91
G160.0	2.08	2.03	2.04	1.94	1.93	1.93	1.95
G165.0	2.01	1.97	2.01	1.95	1.96	1.99	2.01
G170.0	1.99	1.94	2.02	1.97	2.00	2.03	2.05
G175.0	1.95	1.96	2.06	2.01	2.05	2.07	2.10
G180.0	1.96	1.97	2.09	2.05	2.09	2.13	2.13

LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

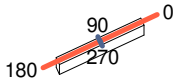
Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

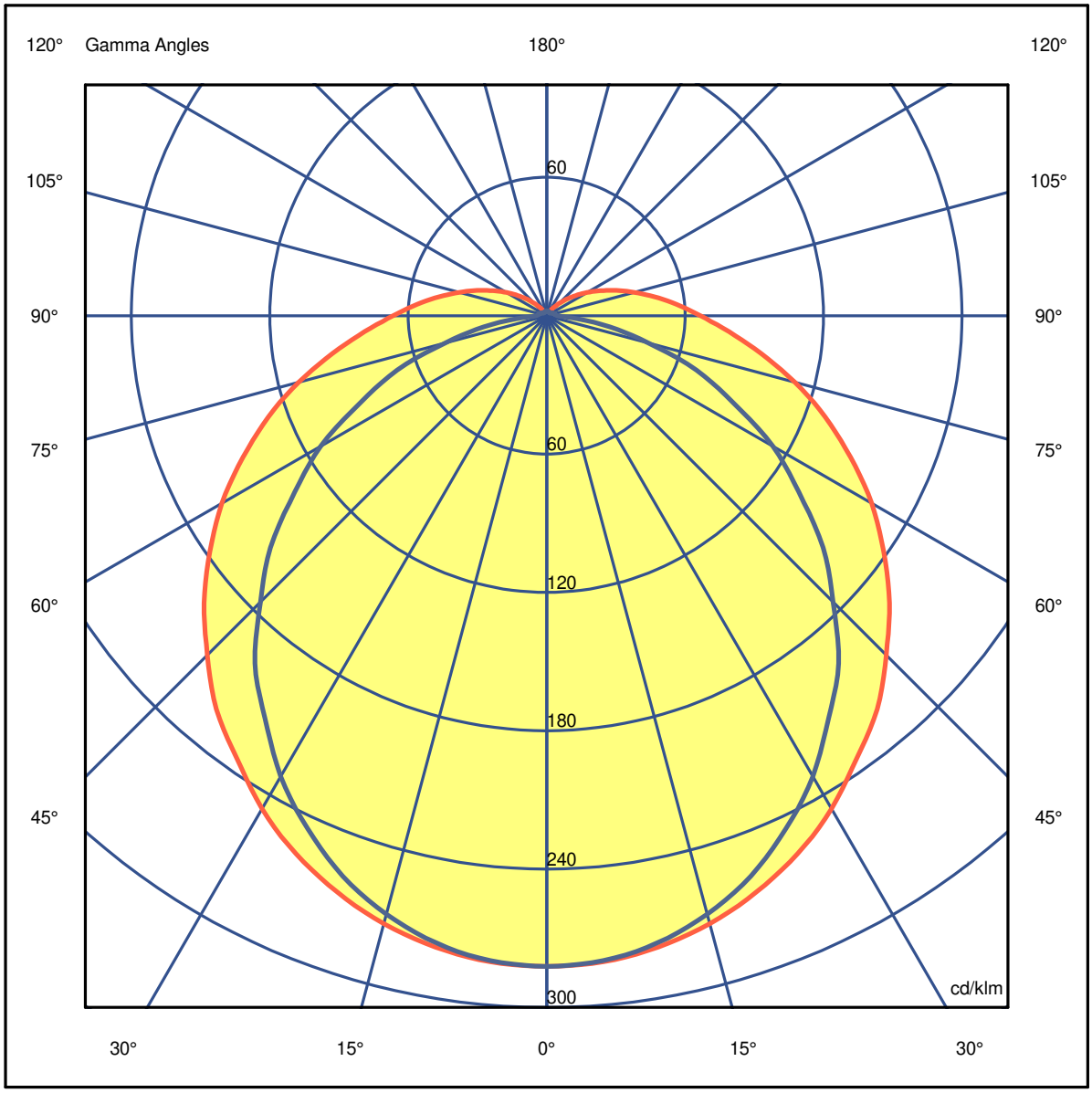
99mm x 1200mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



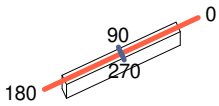


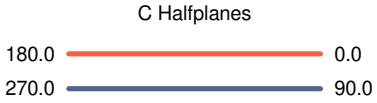
LEDS C4

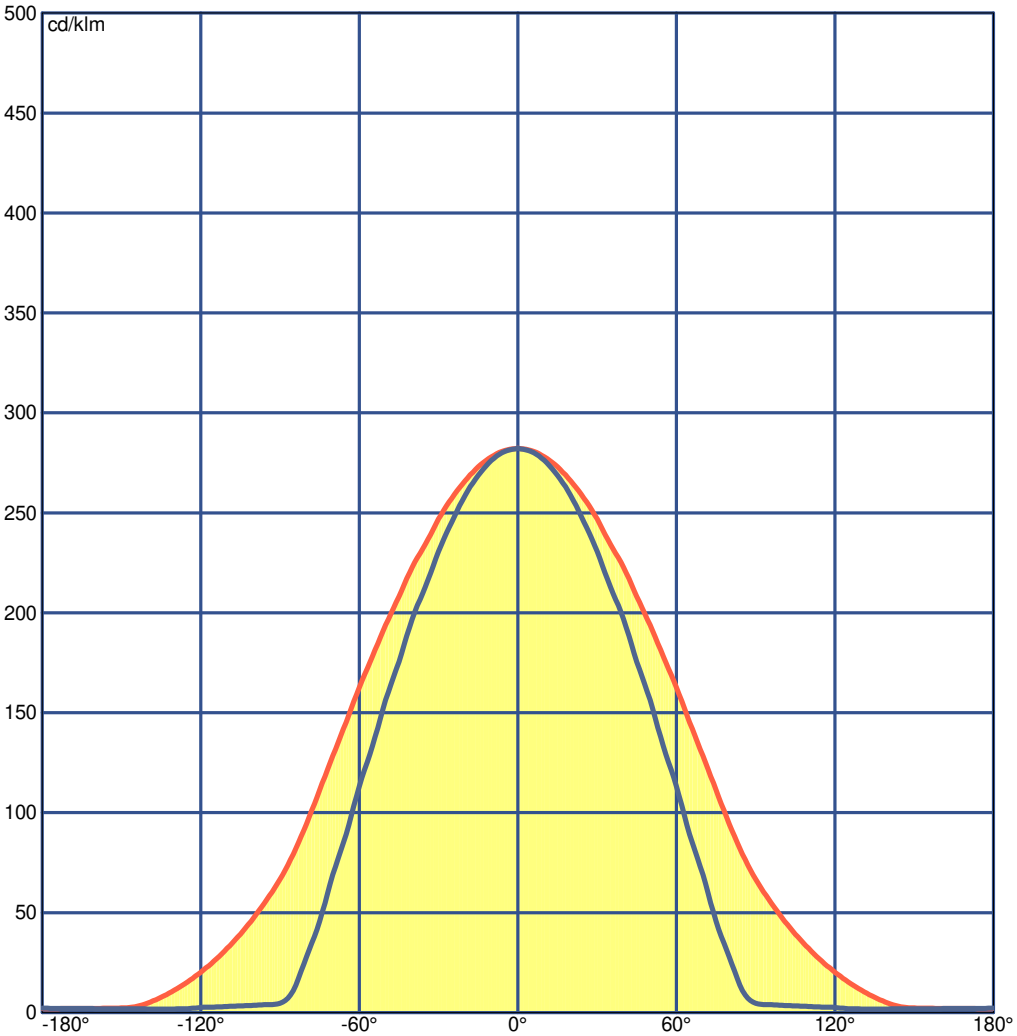
Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

99mm x 1200mm







LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 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	19.2	20.5	19.7	20.9	21.3	17.0	18.3	17.4	18.7	19.1
x=2H y=3H	21.6	22.8	22.1	23.2	23.7	18.3	19.4	18.7	19.9	20.3
x=2H y=4H	22.9	24.0	23.3	24.4	24.9	18.7	19.8	19.2	20.3	20.7
x=2H y=6H	24.1	25.2	24.6	25.6	26.1	19.0	20.0	19.5	20.5	21.0
x=2H y=8H	24.8	25.8	25.3	26.3	26.8	19.0	20.0	19.5	20.5	21.0
x=2H y=12H	25.5	26.5	26.0	27.0	27.5	19.0	20.0	19.6	20.5	21.0
x=4H y=2H	19.8	20.9	20.2	21.3	21.8	18.1	19.2	18.6	19.7	20.1
x=4H y=3H	22.3	23.3	22.9	23.8	24.3	19.6	20.5	20.1	21.0	21.5
x=4H y=4H	23.7	24.6	24.2	25.1	25.6	20.2	21.0	20.7	21.5	22.1
x=4H y=6H	25.2	25.9	25.7	26.5	27.0	20.5	21.3	21.1	21.8	22.4
x=4H y=8H	26.0	26.7	26.5	27.2	27.8	20.7	21.4	21.2	21.9	22.5
x=4H y=12H	26.8	27.4	27.4	28.0	28.6	20.7	21.3	21.3	21.9	22.5
x=8H y=4H	24.0	24.7	24.5	25.2	25.8	21.0	21.7	21.6	22.2	22.9
x=8H y=6H	25.6	26.2	26.2	26.8	27.4	21.6	22.2	22.2	22.8	23.4
x=8H y=8H	26.5	27.1	27.1	27.6	28.3	21.8	22.4	22.4	22.9	23.6
x=8H y=12H	27.6	28.0	28.2	28.6	29.3	22.0	22.4	22.6	23.0	23.7
x=12H y=4H	24.0	24.6	24.5	25.2	25.8	21.2	21.8	21.8	22.4	23.0
x=12H y=6H	25.7	26.2	26.3	26.8	27.4	22.0	22.5	22.6	23.1	23.7
x=12H y=8H	26.6	27.1	27.3	27.7	28.4	22.3	22.7	22.9	23.3	24.0

LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Total Flux=3445.24 Luminaire Flux=3445.24

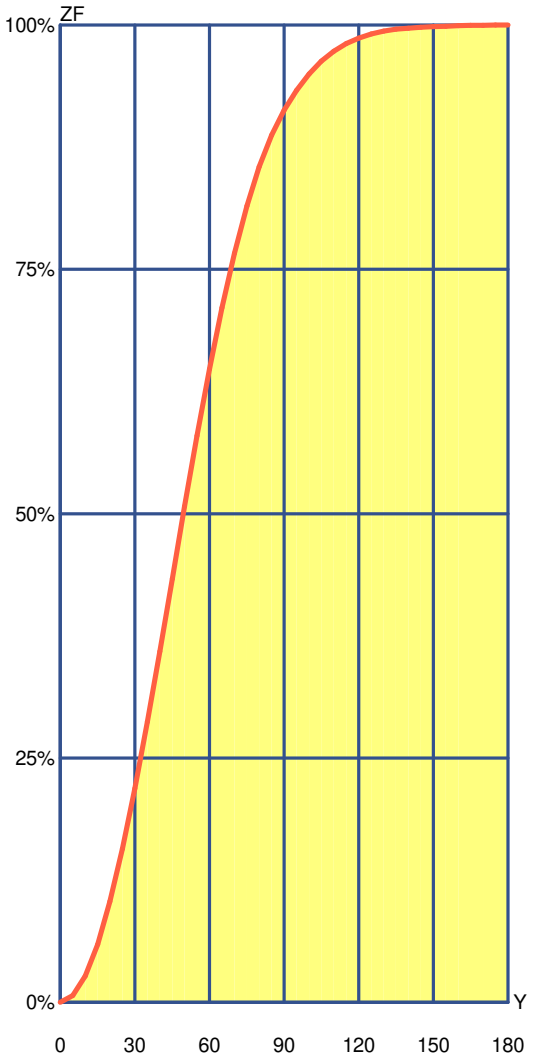
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.27	0.35	0.41	0.48	0.54	0.62	0.68	0.72	0.78	0.81	0.89	0.94
RC	6	6	6	6	6	6	6	6	6	6	7	7

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	103	219	359	508	648	767	855	913	950	973	987	994	997	998	999	1000	1000

CIE Flux Codes
42 71 90 91 100

C.I.E.	6/6/6/6/6/6/6/6/6/7/7	LOR	100.00000 %
D DIN 5040	A31	ULOR	8.72327 %
F UTE	0.91 G + 0.09 T	DLOR	91.27673 %
B NBN	BZ 5	UFF	8.72327 %
RN	8.72327 %	DFF	91.27673 %
BLF	1.0	FFR	9.55695 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.73	6.73	0.67 %	0.67 %
10°	19.96	26.69	2.00 %	2.67 %
15°	32.49	59.18	3.25 %	5.92 %
20°	43.92	103.11	4.39 %	10.31 %
25°	53.86	156.97	5.39 %	15.70 %
30°	61.97	218.94	6.20 %	21.89 %
35°	68.05	286.99	6.80 %	28.70 %
40°	72.15	359.13	7.21 %	35.91 %
45°	74.22	433.35	7.42 %	43.34 %
50°	74.18	507.53	7.42 %	50.75 %
55°	72.12	579.65	7.21 %	57.97 %
60°	68.25	647.91	6.83 %	64.79 %
65°	62.76	710.67	6.28 %	71.07 %
70°	55.96	766.63	5.60 %	76.66 %
75°	48.25	814.88	4.82 %	81.49 %
80°	40.12	855.00	4.01 %	85.50 %
85°	32.25	887.25	3.22 %	88.72 %
90°	25.52	912.77	2.55 %	91.28 %
95°	20.47	933.24	2.05 %	93.32 %
100°	16.51	949.75	1.65 %	94.97 %
105°	13.11	962.86	1.31 %	96.29 %
110°	10.22	973.07	1.02 %	97.31 %
115°	7.80	980.87	0.78 %	98.09 %
120°	5.80	986.67	0.58 %	98.67 %
125°	4.15	990.82	0.42 %	99.08 %
130°	2.87	993.69	0.29 %	99.37 %
135°	1.92	995.60	0.19 %	99.56 %
140°	1.25	996.85	0.12 %	99.69 %
145°	0.83	997.69	0.08 %	99.77 %
150°	0.63	998.31	0.06 %	99.83 %
155°	0.51	998.83	0.05 %	99.88 %
160°	0.42	999.24	0.04 %	99.92 %
165°	0.33	999.57	0.03 %	99.96 %
170°	0.24	999.81	0.02 %	99.98 %
175°	0.14	999.95	0.01 %	100.00 %
180°	0.05	1000.00	0.00 %	100.00 %

LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 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	280	252	237	214	239	204	166	141	144	123	104	78	74	51	115	84	74	60	48	70	51	44	33
0.80	320	294	256	236	279	226	199	174	163	144	119	95	86	63	134	99	89	72	60	85	62	55	39
1.00	347	323	263	246	307	236	226	202	175	157	130	107	95	73	147	111	101	81	69	96	71	64	44
1.25	370	349	265	252	332	241	252	229	184	168	140	119	104	83	158	121	113	91	80	107	81	73	48
1.50	387	368	264	253	350	243	273	251	190	176	147	128	112	92	166	130	122	100	89	116	90	82	52
2.00	408	392	258	249	374	241	304	285	195	184	156	140	124	107	174	141	134	113	103	129	103	95	58
2.50	421	408	251	245	389	237	326	309	197	188	163	149	133	117	179	149	143	123	113	137	114	106	62
3.00	430	418	246	240	400	233	343	327	198	190	167	155	140	126	182	154	149	130	122	143	121	114	65
4.00	442	433	238	234	414	228	366	353	199	193	173	164	150	138	185	162	158	141	134	152	133	126	70
5.00	449	442	232	229	423	224	381	370	199	195	177	169	156	146	187	167	163	148	142	158	141	134	73
10.00	464	460	217	216	441	212	416	410	198	196	185	180	172	166	190	177	175	165	162	171	160	154	79
20.00	470	468	208	207	450	204	436	432	196	195	189	186	181	178	190	183	182	176	174	177	171	166	83

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	452	414	402	444	396	350	338	320	310	268	258	231	222	306	259	256	225	221	254	222	219	200
0.80	534	518	461	450	506	441	412	399	368	359	316	305	277	267	351	305	301	270	265	298	265	261	238
1.00	582	566	491	481	551	471	460	445	403	393	352	340	312	301	384	339	335	304	298	330	298	293	267
1.25	625	611	517	508	593	497	506	491	434	425	386	374	347	336	414	372	367	337	331	361	330	324	295
1.50	659	645	536	528	625	516	542	528	459	450	413	401	375	364	437	397	393	364	358	385	356	349	318
2.00	700	688	555	549	664	537	592	578	488	480	447	436	412	401	465	430	426	400	394	416	390	381	346
2.50	729	718	567	562	692	550	627	614	507	501	471	461	439	429	485	453	449	426	420	438	414	404	366
3.00	749	740	576	572	712	559	653	641	522	516	489	480	460	450	499	470	467	445	440	455	433	422	381
4.00	784	776	594	591	746	579	696	685	548	543	520	512	495	486	525	501	497	479	474	484	465	452	409
5.00	810	803	610	608	772	595	728	719	569	565	544	538	522	514	545	524	522	505	501	507	490	476	431
10.00	882	878	659	657	843	645	816	810	629	627	614	610	599	594	606	593	591	580	577	573	562	546	496
20.00	936	934	699	699	897	687	882	878	677	676	668	666	659	656	655	647	646	639	637	626	620	601	549

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	547	531	511	498	521	489	406	394	391	381	324	314	276	268	375	315	311	271	267	308	266	263	246
0.80	650	632	599	585	617	574	500	485	477	465	407	395	355	345	455	394	389	347	341	384	340	336	317
1.00	732	713	667	654	693	640	578	562	547	535	478	463	424	411	521	461	455	413	407	448	405	398	378
1.25	809	791	729	717	766	701	656	638	615	602	547	532	494	479	585	527	521	480	473	512	469	461	440
1.50	868	850	775	764	822	746	717	699	666	654	602	586	549	534	634	579	573	533	525	561	520	510	489
2.00	954	938	840	831	904	812	810	792	743	732	685	670	637	621	708	659	653	617	609	637	601	587	567
2.50	1000	996	882	874	958	854	875	857	794	784	742	728	698	682	757	713	708	675	667	689	656	640	620
3.00	1000	1000	910	904	997	883	922	905	830	821	783	770	742	727	792	753	748	718	710	727	697	678	658
4.00	1000	1000	946	941	1000	920	984	970	876	869	837	826	801	788	837	804	799	774	767	775	750	728	708
5.00	1000	1000	968	964	1000	942	1000	1000	905	899	871	861	840	828	865	837	833	810	804	806	784	760	740
10.00	1000	1000	1000	1000	1000	990	1000	1000	969	965	948	942	928	920	928	911	908	894	890	876	862	833	814
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	993	990	982	977	964	954	953	945	942	918	910	877	858

LM53 SHR C0-C180: 1.299 SHR C90-C270: 1.214 SHR Square: 1.396

LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

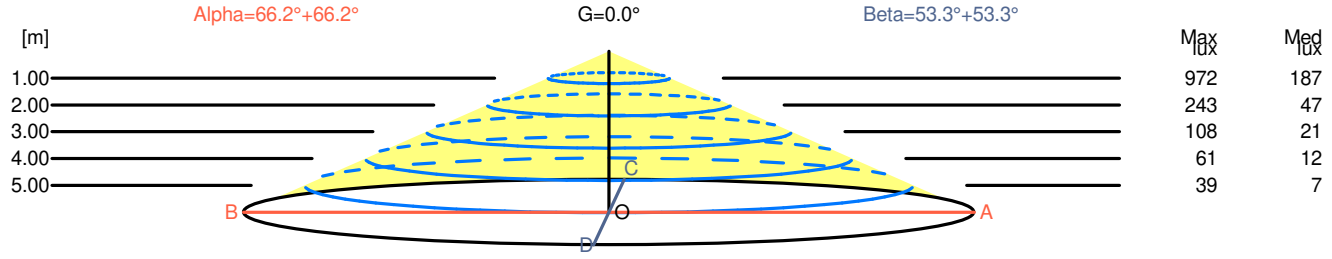
Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	2.27	4.54	6.81	9.08	11.34	OC	1.34	2.68	4.02	5.37	6.71
OB	2.27	4.54	6.81	9.08	11.34	OD	1.34	2.68	4.02	5.37	6.71

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	972.24	968.71	940.23	886.58	807.01	716.79	613.90	500.41	383.30	272.98
OB	972.24	968.71	940.23	886.58	807.01	716.79	613.90	500.41	383.30	272.98
OC	972.24	966.97	925.54	845.37	733.67	604.64	459.31	306.92	157.08	37.82
OD	972.24	966.97	925.54	845.37	733.67	604.64	459.31	306.92	157.08	37.82



H[m]	D[m]	Max lux	Med lux	Alpha=66.2°+66.2° G=0.0
1.00	4.54	972	187	
2.00	9.08	243	47	
3.00	13.61	108	21	
4.00	18.15	61	12	
5.00	22.69	39	7	

H[m]	D[m]	Max lux	Med lux	Beta=53.3°+53.3° G=0.0
1.00	2.68	972	187	
2.00	5.37	243	47	
3.00	8.05	108	21	
4.00	10.73	61	12	
5.00	13.41	39	7	

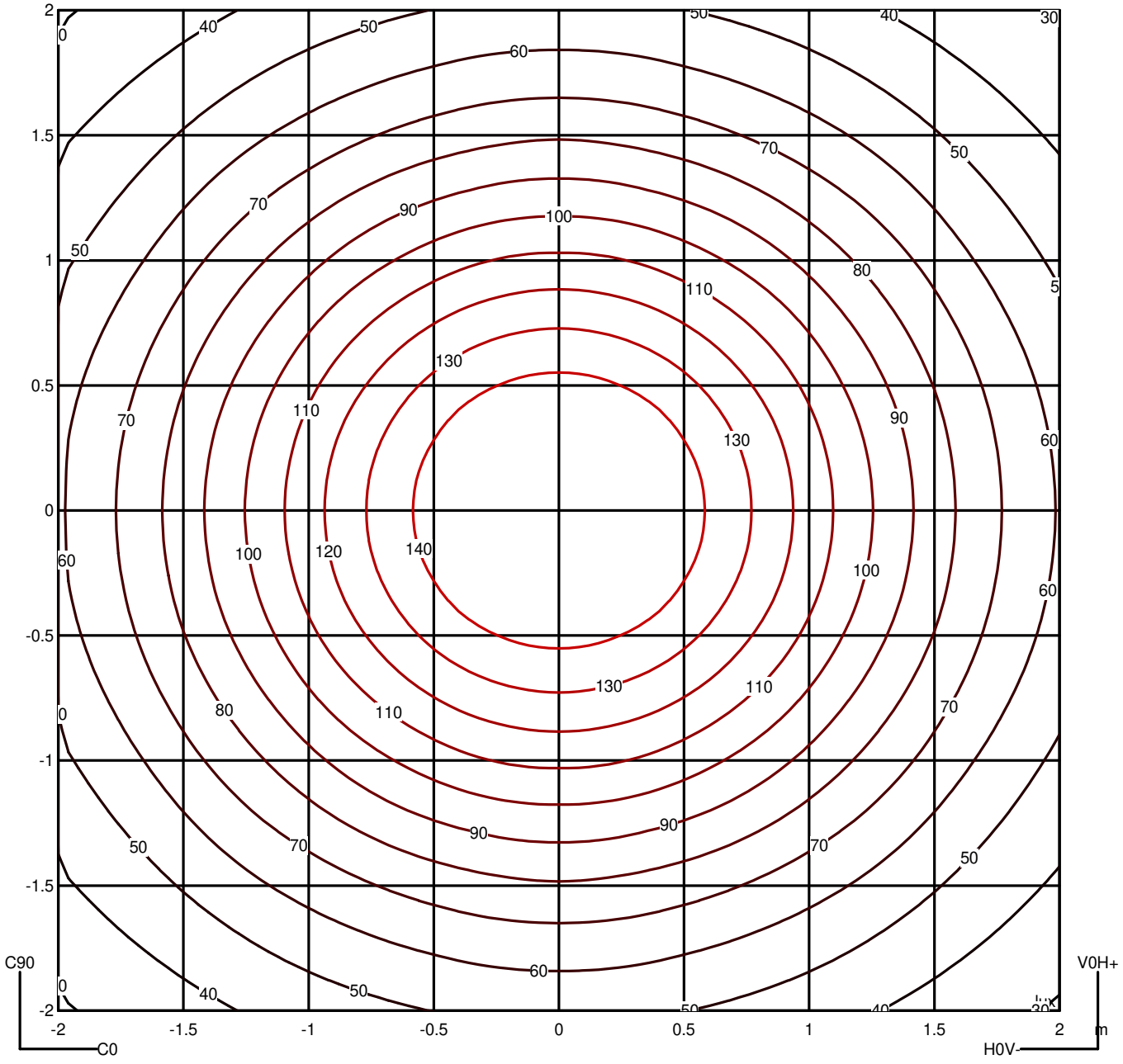
LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 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

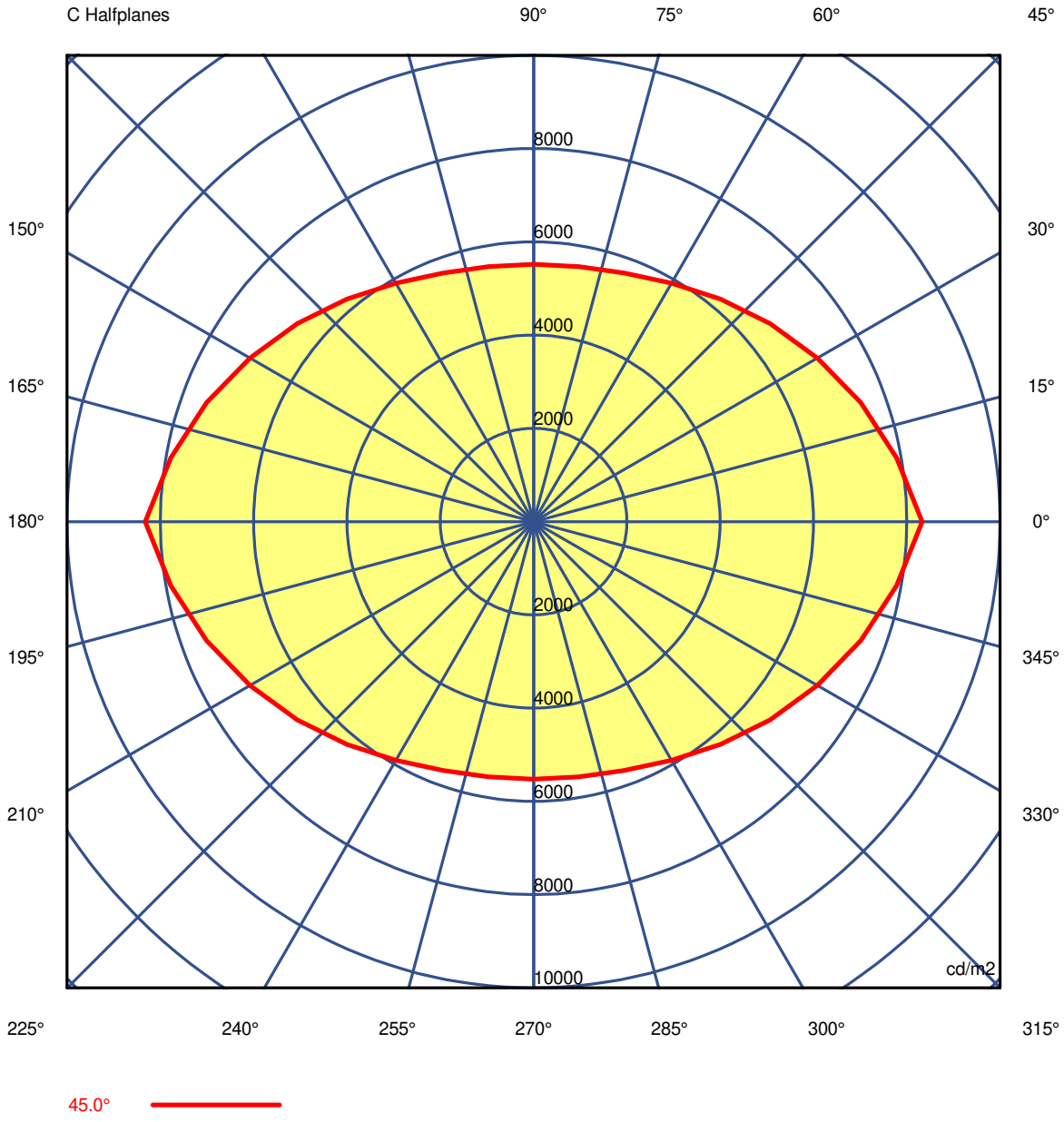


LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 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	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87
G 5.0	8167.44	8129.54	8092.44	8057.28	8028.69	8003.25	7981.38	7967.75	7960.88	7959.58	7960.88	7967.75	7981.38
G 10.0	8149.31	8073.70	7999.03	7927.79	7865.20	7811.73	7767.92	7736.02	7720.50	7719.04	7720.50	7736.02	7767.92
G 15.0	8139.08	8023.02	7906.30	7794.97	7700.86	7615.44	7540.69	7490.37	7464.62	7459.85	7464.62	7490.37	7540.69
G 20.0	8131.56	7974.95	7819.29	7665.94	7524.17	7402.13	7304.23	7232.71	7193.93	7186.74	7193.93	7232.71	7304.23
G 25.0	8139.38	7933.27	7730.45	7531.79	7346.19	7176.13	7036.58	6948.02	6899.29	6879.47	6899.29	6948.02	7036.58
G 30.0	8147.57	7893.05	7632.32	7372.30	7142.65	6948.37	6778.92	6630.55	6559.09	6572.24	6559.09	6630.55	6778.92
G 35.0	8150.09	7850.81	7547.29	7248.28	6981.07	6712.97	6463.80	6300.55	6226.70	6219.44	6226.70	6300.55	6463.80
G 40.0	8259.19	7879.81	7471.53	7067.26	6752.47	6483.26	6230.77	6020.63	5939.09	5937.64	5939.09	6020.63	6230.77
G 45.0	8324.72	7895.47	7462.06	7022.75	6612.43	6233.28	5907.21	5675.81	5554.91	5523.86	5554.91	5675.81	5907.21
G 50.0	8494.32	7965.92	7447.09	6880.71	6398.25	5988.42	5629.41	5333.79	5207.52	5181.88	5207.52	5333.79	5629.41
G 55.0	8698.67	8066.02	7445.85	6830.94	6266.78	5744.05	5288.35	4958.92	4774.68	4704.56	4774.68	4958.92	5288.35
G 60.0	9038.76	8253.48	7480.37	6721.45	6063.14	5492.96	4991.88	4577.75	4351.54	4304.78	4351.54	4577.75	4991.88
G 65.0	9459.72	8448.44	7546.34	6707.74	5948.72	5260.51	4649.22	4151.20	3843.58	3705.28	3843.58	4151.20	4649.22
G 70.0	10190.22	8890.46	7733.74	6671.01	5769.42	4993.92	4303.82	3706.98	3339.73	3193.07	3339.73	3706.98	4303.82
G 75.0	11402.24	9486.56	8013.19	6780.85	5711.58	4783.16	3957.67	3217.81	2700.34	2397.39	2700.34	3217.81	3957.67
G 80.0	13801.03	10816.03	8690.16	7003.97	5662.33	4561.62	3601.48	2735.99	2109.60	1710.13	2109.60	2735.99	3601.48
G 85.0	20505.38	13687.87	10062.32	7677.35	5916.68	4509.21	3306.54	2248.62	1431.93	818.35	1431.93	2248.62	3306.54
G 90.0	77271.21	24559.23	14227.49	9520.80	6697.59	4749.58	3233.15	1946.95	1037.95	445.29	1037.95	1946.95	3233.15

LEDS C4

Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency	100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 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	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87
G 5.0	8003.25	8028.69	8057.28	8092.44	8129.54	8167.44	8129.54	8092.44	8057.28	8028.69	8003.25	7981.38	7967.75
G 10.0	7811.73	7865.20	7927.79	7999.03	8073.70	8149.31	8073.70	7999.03	7927.79	7865.20	7811.73	7767.92	7736.02
G 15.0	7615.44	7700.86	7794.97	7906.30	8023.02	8139.08	8023.02	7906.30	7794.97	7700.86	7615.44	7540.69	7490.37
G 20.0	7402.13	7524.17	7665.94	7819.29	7974.95	8131.56	7974.95	7819.29	7665.94	7524.17	7402.13	7304.23	7232.71
G 25.0	7176.13	7346.19	7531.79	7730.45	7933.27	8139.38	7933.27	7730.45	7531.79	7346.19	7176.13	7036.58	6948.02
G 30.0	6948.37	7142.65	7372.30	7632.32	7893.05	8147.57	7893.05	7632.32	7372.30	7142.65	6948.37	6778.92	6630.55
G 35.0	6712.97	6981.07	7248.28	7547.29	7850.81	8150.09	7850.81	7547.29	7248.28	6981.07	6712.97	6463.80	6300.55
G 40.0	6483.26	6752.47	7067.26	7471.53	7879.81	8259.19	7879.81	7471.53	7067.26	6752.47	6483.26	6230.77	6020.63
G 45.0	6233.28	6612.43	7022.75	7462.06	7895.47	8324.72	7895.47	7462.06	7022.75	6612.43	6233.28	5907.21	5675.81
G 50.0	5988.42	6398.25	6880.71	7447.09	7965.92	8494.32	7965.92	7447.09	6880.71	6398.25	5988.42	5629.41	5333.79
G 55.0	5744.05	6266.78	6830.94	7445.85	8066.02	8698.67	8066.02	7445.85	6830.94	6266.78	5744.05	5288.35	4958.92
G 60.0	5492.96	6063.14	6721.45	7480.37	8253.48	9038.76	8253.48	7480.37	6721.45	6063.14	5492.96	4991.88	4577.75
G 65.0	5260.51	5948.72	6707.74	7546.34	8448.44	9459.72	8448.44	7546.34	6707.74	5948.72	5260.51	4649.22	4151.20
G 70.0	4993.92	5769.42	6671.01	7733.74	8890.46	10190.22	8890.46	7733.74	6671.01	5769.42	4993.92	4303.82	3706.98
G 75.0	4783.16	5711.58	6780.85	8013.19	9486.56	11402.24	9486.56	8013.19	6780.85	5711.58	4783.16	3957.67	3217.81
G 80.0	4561.62	5662.33	7003.97	8690.16	10816.03	13801.03	10816.03	8690.16	7003.97	5662.33	4561.62	3601.48	2735.99
G 85.0	4509.21	5916.68	7677.35	10062.32	13687.87	20505.38	13687.87	10062.32	7677.35	5916.68	4509.21	3306.54	2248.62
G 90.0	4749.58	6697.59	9520.80	14227.49	24559.23	77271.21	24559.23	14227.49	9520.80	6697.59	4749.58	3233.15	1946.95

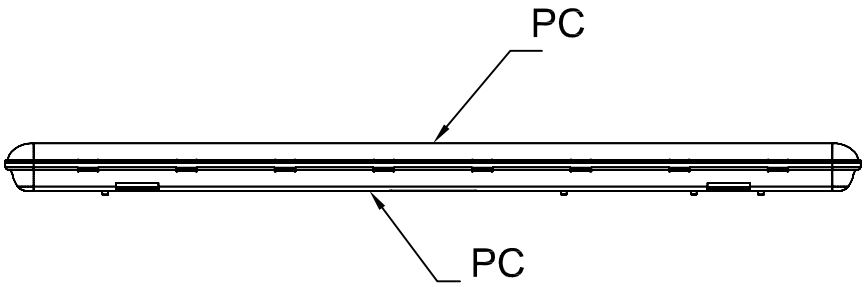
LEDS C4

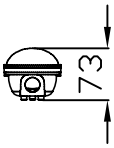
Luminaire
Code PX-0221-GRI
Name PROPPER
Measurem.
Code PX-0221-GRI
Name PROPPER

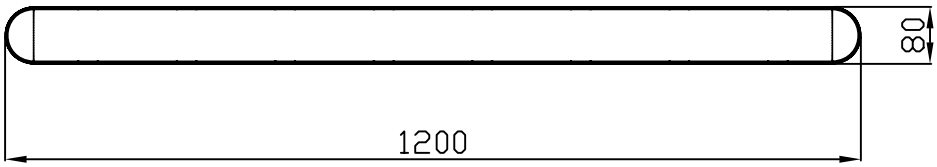
Luminaire Flux	3445.24 lm	Luminaire Power	40.00 W	Efficacy	86.13 lm/W	Efficiency 100.00%
Sources Flux	3445.24 lm	Maximum value	282.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical

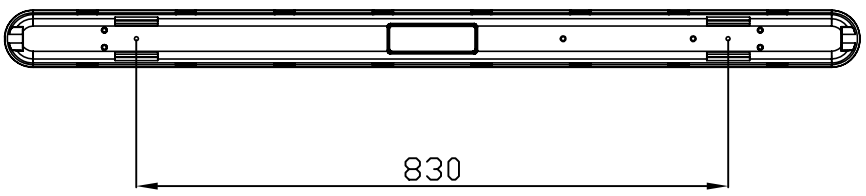
Luminance cd/m2 **Table 3/3**

	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	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87	8183.87
G 5.0	7960.88	7959.58	7960.88	7967.75	7981.38	8003.25	8028.69	8057.28	8092.44	8129.54
G 10.0	7720.50	7719.04	7720.50	7736.02	7767.92	7811.73	7865.20	7927.79	7999.03	8073.70
G 15.0	7464.62	7459.85	7464.62	7490.37	7540.69	7615.44	7700.86	7794.97	7906.30	8023.02
G 20.0	7193.93	7186.74	7193.93	7232.71	7304.23	7402.13	7524.17	7665.94	7819.29	7974.95
G 25.0	6899.29	6879.47	6899.29	6948.02	7036.58	7176.13	7346.19	7531.79	7730.45	7933.27
G 30.0	6559.09	6572.24	6559.09	6630.55	6778.92	6948.37	7142.65	7372.30	7632.32	7893.05
G 35.0	6226.70	6219.44	6226.70	6300.55	6463.80	6712.97	6981.07	7248.28	7547.29	7850.81
G 40.0	5939.09	5937.64	5939.09	6020.63	6230.77	6483.26	6752.47	7067.26	7471.53	7879.81
G 45.0	5554.91	5523.86	5554.91	5675.81	5907.21	6233.28	6612.43	7022.75	7462.06	7895.47
G 50.0	5207.52	5181.88	5207.52	5333.79	5629.41	5988.42	6398.25	6880.71	7447.09	7965.92
G 55.0	4774.68	4704.56	4774.68	4958.92	5288.35	5744.05	6266.78	6830.94	7445.85	8066.02
G 60.0	4351.54	4304.78	4351.54	4577.75	4991.88	5492.96	6063.14	6721.45	7480.37	8253.48
G 65.0	3843.58	3705.28	3843.58	4151.20	4649.22	5260.51	5948.72	6707.74	7546.34	8448.44
G 70.0	3339.73	3193.07	3339.73	3706.98	4303.82	4993.92	5769.42	6671.01	7733.74	8890.46
G 75.0	2700.34	2397.39	2700.34	3217.81	3957.67	4783.16	5711.58	6780.85	8013.19	9486.56
G 80.0	2109.60	1710.13	2109.60	2735.99	3601.48	4561.62	5662.33	7003.97	8690.16	10816.03
G 85.0	1431.93	818.35	1431.93	2248.62	3306.54	4509.21	5916.68	7677.35	10062.32	13687.87
G 90.0	1037.95	445.29	1037.95	1946.95	3233.15	4749.58	6697.59	9520.80	14227.49	24559.23


PC
PC

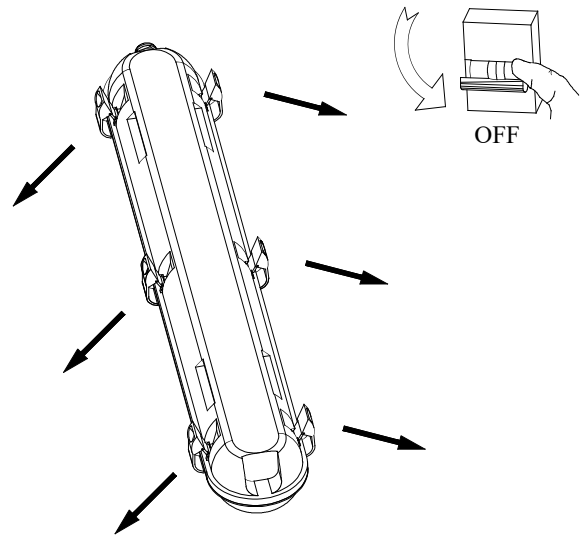

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1200

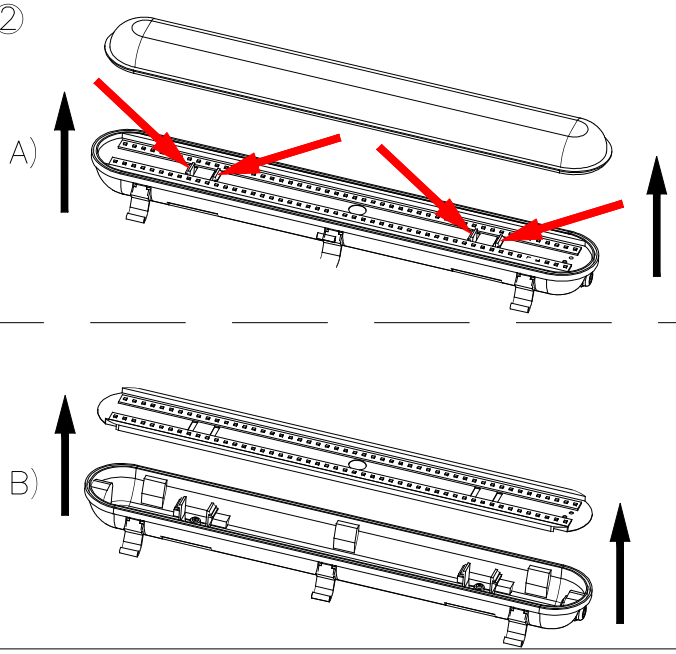

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PX-0221

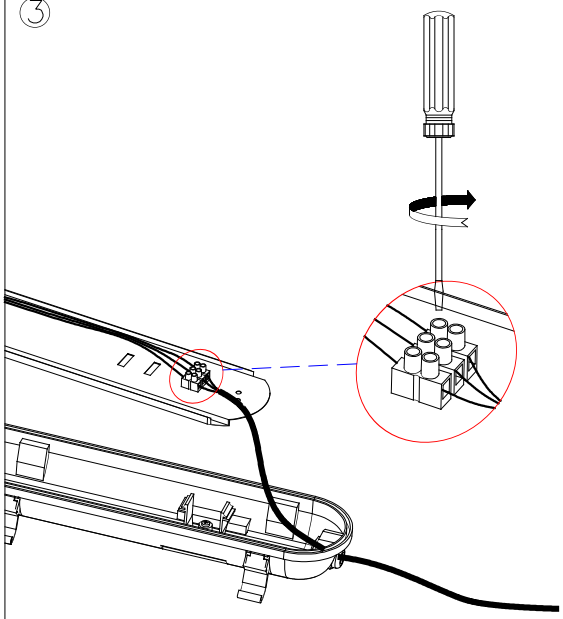
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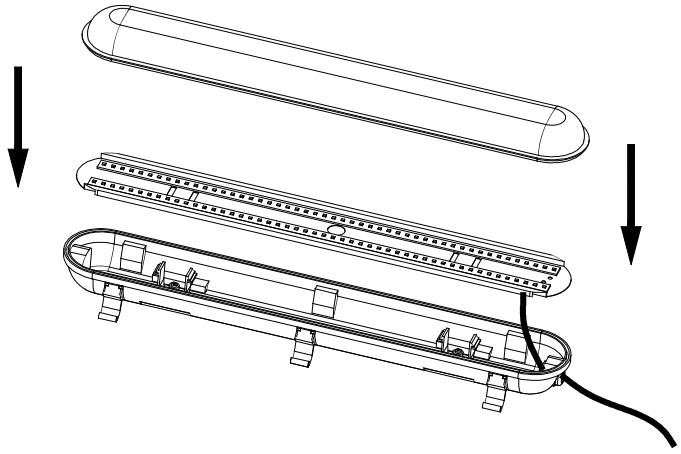
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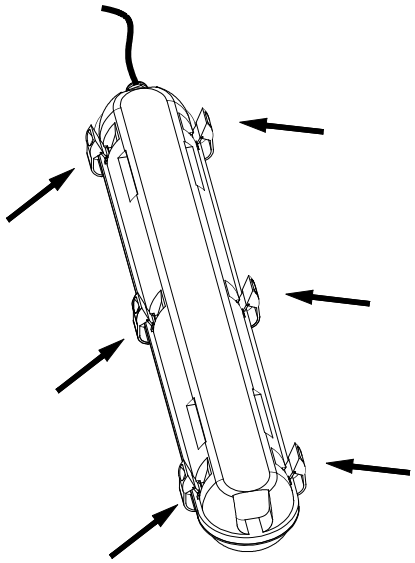
③



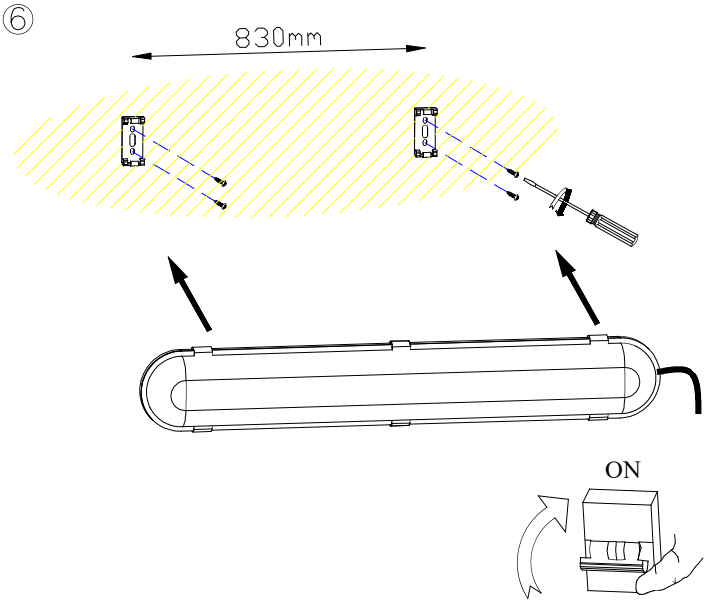
④



⑤



⑥



20-05-16