

Luminaire

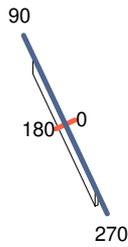
Code 90772L010
Name PAS L2871 ASYM K3 840 LO

Measur.

Code 11/8/2023
Name PAS L2871 ASYM K3 840 LO

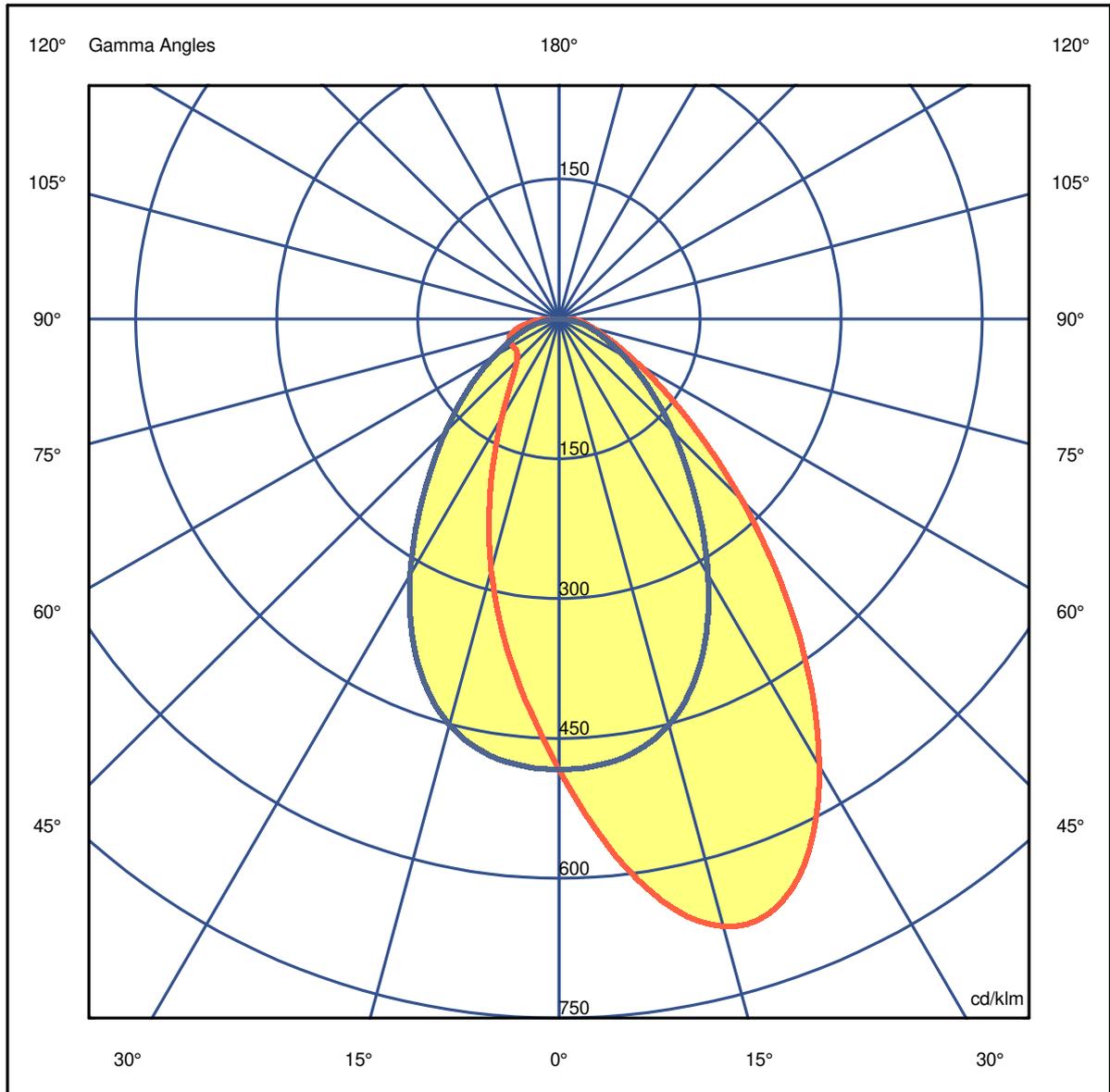
Luminaire Flux	15895 lm	Luminaire Power	100.2 W	Efficacy	158.566 lm/W	Efficiency	90.83%
Source Flux	17500 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

2871mm x 62mm



C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



Luminaire

Code 90772L010
 Name PAS L2871 ASYM K3 840 LO

Measur.

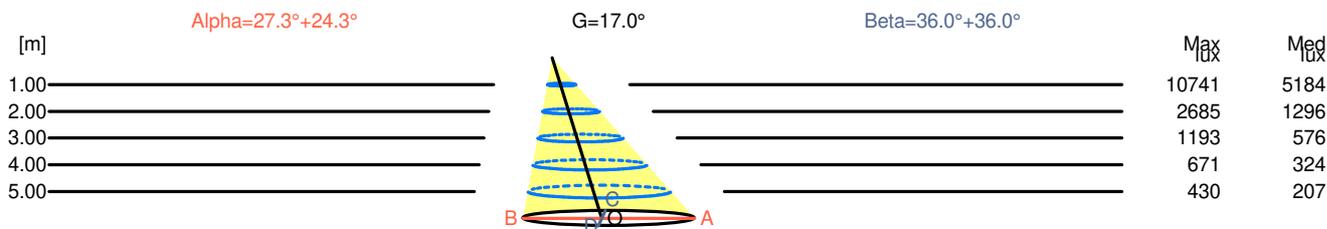
Code 11/8/2023
 Name PAS L2871 ASYM K3 840 LO

Luminaire Flux	15895 lm	Luminaire Power	100.2 W	Efficacy	158.566 lm/W	Efficiency	90.83%
Source Flux	17500 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.57	1.15	1.72	2.30	2.87	OC	0.76	1.52	2.28	3.04	3.80
OB	0.49	0.97	1.46	1.95	2.43	OD	0.76	1.52	2.28	3.04	3.80

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	8461.25	9859.50	11805.50	11011.00	8072.75	4816.00	2455.25	1204.00	649.25	379.75
OB	8461.25	7194.25	4889.50	2850.75	1618.75	1107.75	985.25	1016.75	862.75	453.25
OC	8461.25	8407.00	7887.25	6489.00	4581.50	2989.00	1835.75	1034.25	551.25	176.75
OD	8461.25	8407.00	7887.25	6489.00	4581.50	2989.00	1835.75	1034.25	551.25	176.75



H[m]	D[m]	Max lux	Med lux	Alpha=27.3°+24.3°	G=17.0
1.00	1.06	10741	5184		
2.00	2.12	2685	1296		
3.00	3.18	1193	576		
4.00	4.24	671	324		
5.00	5.30	430	207		

H[m]	D[m]	Max lux	Med lux	Beta=36.0°+36.0°	G=0.0
1.00	1.52	10741	5184		
2.00	3.04	2685	1296		
3.00	4.56	1193	576		
4.00	6.08	671	324		
5.00	7.60	430	207		

Luminaire

Code 90772L010
Name PAS L2871 ASYM K3 840 LO

Measurment

Code 11/8/2023
Name PAS L2871 ASYM K3 840 LO

Luminaire Flux	15895 lm	Luminaire Power	100.2 W	Efficacy	158.566 lm/W	Efficiency	90.83%
Source Flux	17500 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

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	14.1	15.2	14.4	15.4	15.6	20.9	22.0	21.2	22.3	22.5
x=2H y=3H	16.3	17.3	16.6	17.5	17.8	21.7	22.7	22.0	22.9	23.2
x=2H y=4H	17.3	18.3	17.7	18.6	18.8	22.0	23.0	22.4	23.3	23.5
x=2H y=6H	18.2	19.1	18.5	19.4	19.7	22.3	23.2	22.7	23.5	23.8
x=2H y=8H	18.5	19.4	18.9	19.7	20.0	22.4	23.3	22.8	23.6	23.9
x=2H y=12H	18.7	19.5	19.1	19.9	20.2	22.5	23.3	22.9	23.6	24.0
x=4H y=2H	14.8	15.7	15.1	16.0	16.3	21.1	22.0	21.4	22.3	22.6
x=4H y=3H	17.0	17.8	17.3	18.1	18.4	22.0	22.8	22.3	23.1	23.4
x=4H y=4H	18.2	18.9	18.6	19.2	19.6	22.4	23.1	22.8	23.5	23.8
x=4H y=6H	19.2	19.8	19.6	20.2	20.6	22.8	23.4	23.2	23.8	24.2
x=4H y=8H	19.6	20.2	20.0	20.6	21.0	23.0	23.5	23.4	23.9	24.3
x=4H y=12H	19.9	20.4	20.4	20.9	21.3	23.1	23.6	23.5	24.0	24.4
x=8H y=4H	18.4	19.0	18.8	19.4	19.8	22.5	23.0	22.9	23.4	23.8
x=8H y=6H	19.6	20.0	20.0	20.5	20.9	22.9	23.4	23.4	23.8	24.3
x=8H y=8H	20.1	20.5	20.6	20.9	21.4	23.1	23.5	23.6	24.0	24.5
x=8H y=12H	20.5	20.9	21.0	21.3	21.8	23.3	23.6	23.8	24.1	24.6
x=12H y=4H	18.4	19.0	18.9	19.4	19.8	22.4	23.0	22.9	23.4	23.8
x=12H y=6H	19.6	20.1	20.1	20.5	21.0	22.9	23.3	23.4	23.8	24.3
x=12H y=8H	20.2	20.5	20.7	21.0	21.5	23.2	23.5	23.6	24.0	24.5

Luminaire

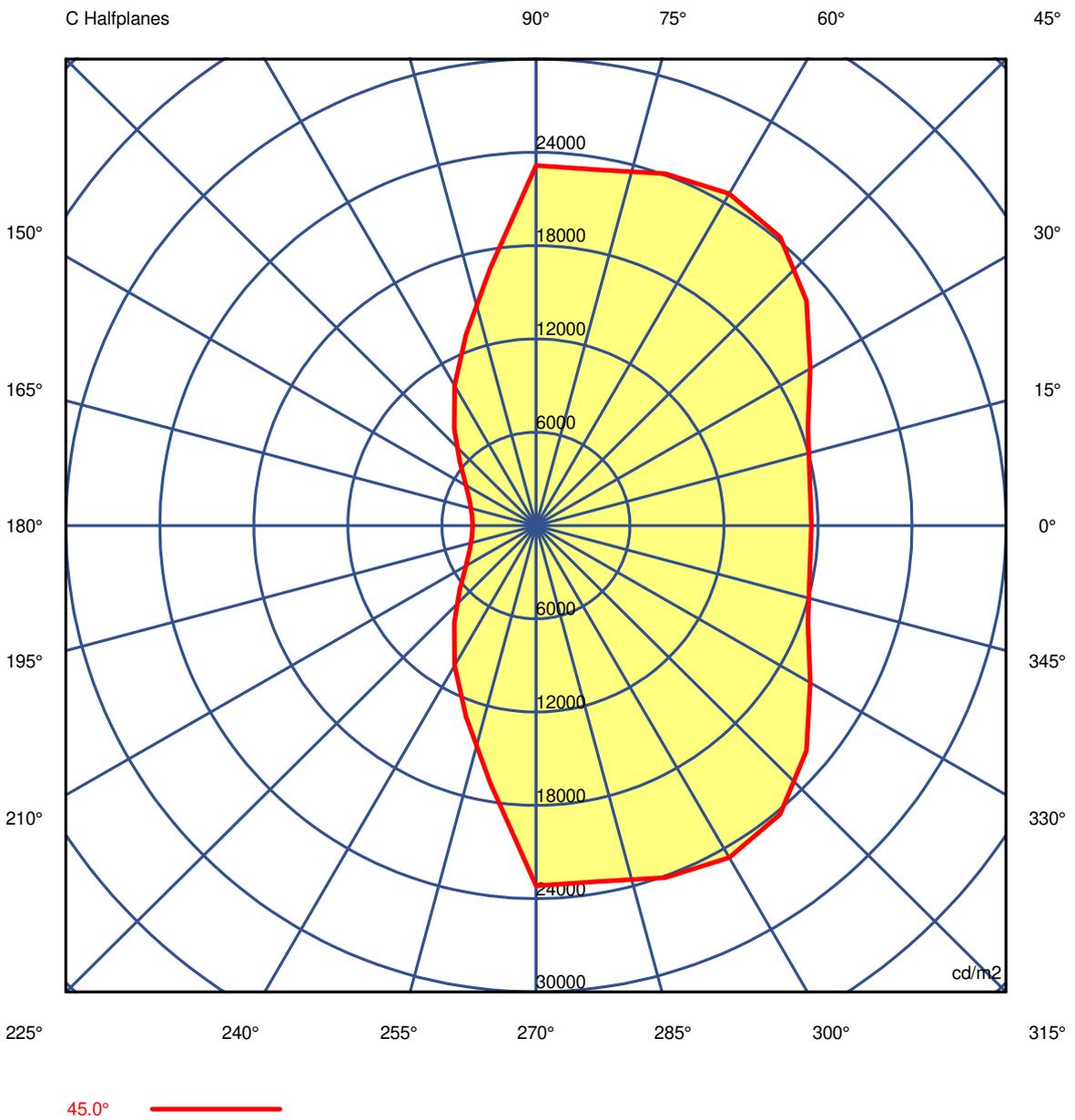
Code 90772L010
Name PAS L2871 ASYM K3 840 LO

Measur.

Code 11/8/2023
Name PAS L2871 ASYM K3 840 LO

Luminaire Flux	15895 lm	Luminaire Power	100.2 W	Efficacy	158.566 lm/W	Efficiency	90.83%
Source Flux	17500 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

Luminance



Luminaire

Code 90772L010
Name PAS L2871 ASYM K3 840 LO

Measurement

Code 11/8/2023
Name PAS L2871 ASYM K3 840 LO

Luminaire Flux	15895 lm	Luminaire Power	100.2 W	Efficacy	158.566 lm/W	Efficiency	90.83%
Source Flux	17500 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

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	47551	47551	47551	47551	47551	47551	47551	47551	47551	47551	47551	47551	47551
G 5.0	50426	50332	50206	49963	49619	49226	48807	48351	47845	47321	45198	43272	41554
G 10.0	52471	52282	52100	51798	51372	50718	49847	48888	47856	46816	42725	39187	36189
G 15.0	52213	52062	52111	52144	51930	51325	50277	48836	47192	45578	39662	34884	31114
G 20.0	49277	49283	49804	50566	50982	50658	49492	47664	45434	43243	35941	30518	26484
G 25.0	44077	44276	45189	46829	48155	48394	47256	45007	42259	39766	31692	26207	22382
G 30.0	37399	37727	38885	41119	43238	44113	43222	40875	37929	35456	27321	22199	18723
G 35.0	30357	30682	31778	34027	36531	37970	37558	35484	32827	30882	23187	18587	15474
G 40.0	23591	23830	24760	26835	29353	30981	30983	29671	27856	26711	19675	15547	12673
G 45.0	17579	17740	18465	20209	22518	24227	24661	24097	23246	23166	16818	13072	10396
G 50.0	12619	12780	13397	14838	16757	18415	19269	19307	19236	20107	14352	10943	8483
G 55.0	8971	9088	9577	10734	12247	13711	14772	15304	15823	17356	12141	9070	6850
G 60.0	6329	6452	6864	7781	8941	10095	11069	11861	12839	14940	10114	7369	5477
G 65.0	4542	4642	4951	5626	6506	7424	8282	9131	10361	13042	8543	6117	4514
G 70.0	3368	3441	3676	4115	4736	5436	6163	7019	8435	11772	7381	5188	3801
G 75.0	2613	2650	2791	3069	3496	3993	4554	5346	6839	10932	6440	4432	3210
G 80.0	2102	2124	2204	2355	2582	2903	3299	3936	5296	10147	5312	3610	2639
G 85.0	1694	1707	1755	1825	1941	2082	2276	2667	3570	8830	3589	2520	1965
G 90.0	1353	1369	1394	1381	1381	1398	1417	1403	1341	5800	1299	1321	1304

Luminaire

Code 90772L010
Name PAS L2871 ASYM K3 840 LO

Measurement

Code 11/8/2023
Name PAS L2871 ASYM K3 840 LO

Luminaire Flux	15895 lm	Luminaire Power	100.2 W	Efficacy	158.566 lm/W	Efficiency	90.83%
Source Flux	17500 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

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	47551	47551	47551	47551	47551	47551	47551	47551	47551	47551	47551	47551	47551
G 5.0	40048	38837	37920	37238	36871	36795	36871	37238	37920	38837	40048	41554	43272
G 10.0	33710	31762	30305	29262	28608	28381	28608	29262	30305	31762	33710	36189	39187
G 15.0	28145	25785	23950	22648	21873	21625	21873	22648	23950	25785	28145	31114	34884
G 20.0	23326	20774	18737	17233	16256	15898	16256	17233	18737	20774	23326	26484	30518
G 25.0	19316	16689	14496	12866	11805	11412	11805	12866	14496	16689	19316	22382	26207
G 30.0	15828	13268	11114	9528	8545	8207	8545	9528	11114	13268	15828	18723	22199
G 35.0	12777	10381	8439	7110	6340	6087	6340	7110	8439	10381	12777	15474	18587
G 40.0	10193	8093	6508	5510	4960	4779	4960	5510	6508	8093	10193	12673	15547
G 45.0	8130	6355	5160	4493	4154	4043	4154	4493	5160	6355	8130	10396	13072
G 50.0	6470	5057	4253	3868	3721	3693	3721	3868	4253	5057	6470	8483	10943
G 55.0	5181	4136	3652	3522	3555	3600	3555	3522	3652	4136	5181	6850	9070
G 60.0	4204	3486	3245	3352	3576	3702	3576	3352	3245	3486	4204	5477	7369
G 65.0	3532	3041	2983	3288	3659	3836	3659	3288	2983	3041	3532	4514	6117
G 70.0	3035	2715	2788	3204	3625	3802	3625	3204	2788	2715	3035	3801	5188
G 75.0	2634	2446	2568	2973	3337	3473	3337	2973	2568	2446	2634	3210	4432
G 80.0	2228	2125	2239	2533	2763	2833	2763	2533	2239	2125	2228	2639	3610
G 85.0	1743	1698	1772	1934	2021	2021	2021	1934	1772	1698	1743	1965	2520
G 90.0	1285	1290	1334	1411	1439	1428	1439	1411	1334	1290	1285	1304	1321

Luminaire

Code 90772L010
Name PAS L2871 ASYM K3 840 LO

Measurem.

Code 11/8/2023
Name PAS L2871 ASYM K3 840 LO

Luminaire Flux	15895 lm	Luminaire Power	100.2 W	Efficacy	158.566 lm/W	Efficiency	90.83%
Source Flux	17500 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

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	47551	47551	47551	47551	47551	47551	47551	47551	47551	47551
G 5.0	45198	47321	47845	48351	48807	49226	49619	49963	50206	50332
G 10.0	42725	46816	47856	48888	49847	50718	51372	51798	52100	52282
G 15.0	39662	45578	47192	48836	50277	51325	51930	52144	52111	52062
G 20.0	35941	43243	45434	47664	49492	50658	50982	50566	49804	49283
G 25.0	31692	39766	42259	45007	47256	48394	48155	46829	45189	44276
G 30.0	27321	35456	37929	40875	43222	44113	43238	41119	38885	37727
G 35.0	23187	30882	32827	35484	37558	37970	36531	34027	31778	30682
G 40.0	19675	26711	27856	29671	30983	30981	29353	26835	24760	23830
G 45.0	16818	23166	23246	24097	24661	24227	22518	20209	18465	17740
G 50.0	14352	20107	19236	19307	19269	18415	16757	14838	13397	12780
G 55.0	12141	17356	15823	15304	14772	13711	12247	10734	9577	9088
G 60.0	10114	14940	12839	11861	11069	10095	8941	7781	6864	6452
G 65.0	8543	13042	10361	9131	8282	7424	6506	5626	4951	4642
G 70.0	7381	11772	8435	7019	6163	5436	4736	4115	3676	3441
G 75.0	6440	10932	6839	5346	4554	3993	3496	3069	2791	2650
G 80.0	5312	10147	5296	3936	3299	2903	2582	2355	2204	2124
G 85.0	3589	8830	3570	2667	2276	2082	1941	1825	1755	1707
G 90.0	1299	5800	1341	1403	1417	1398	1381	1381	1394	1369