

**Luminaire**

Code 90777L010

Name PAS LINE L2870 ASYM K3 840 HO

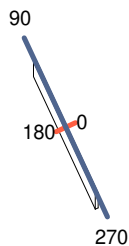
**Measurem.**

Code 11/8/2023

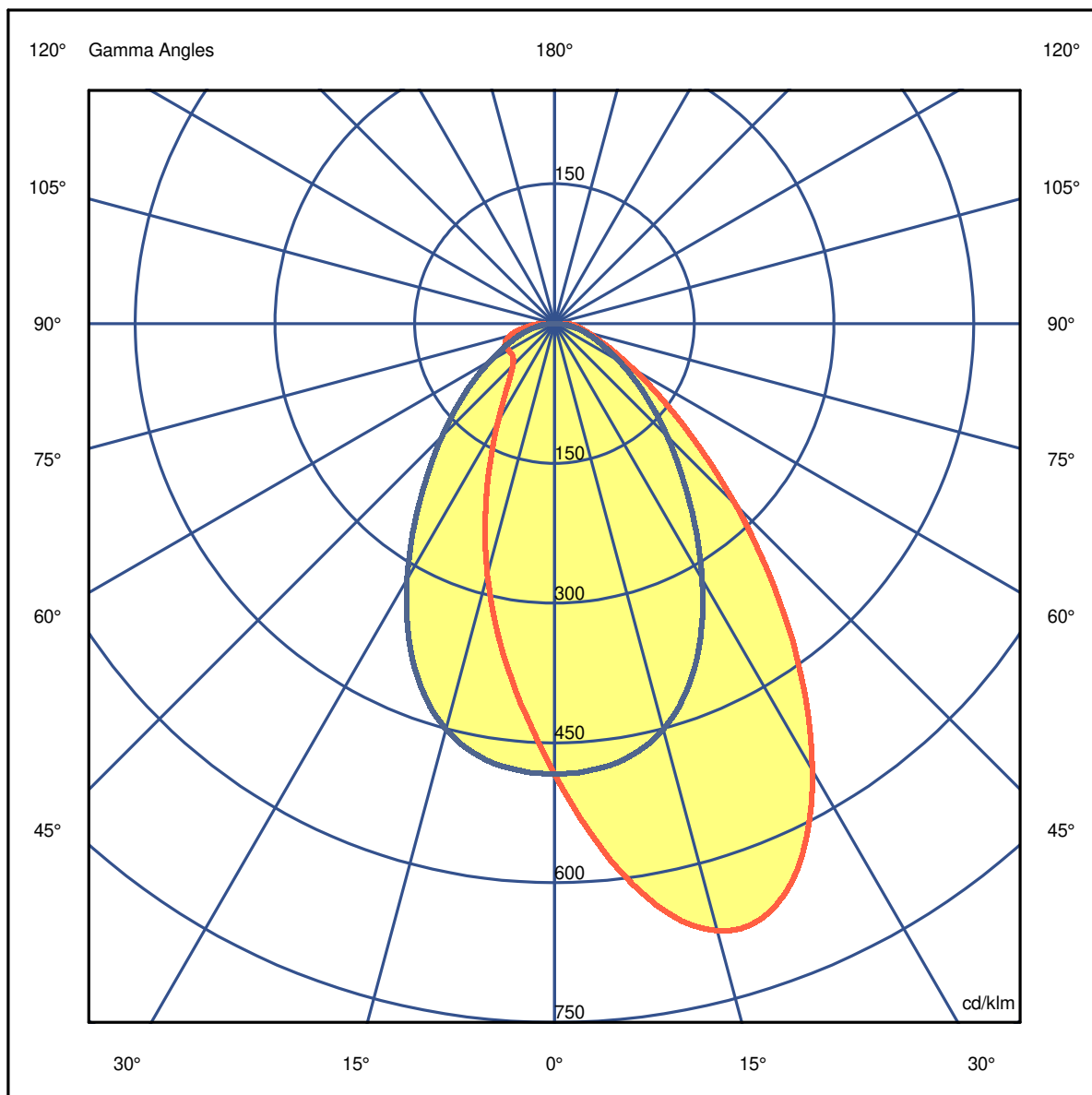
Name PAS LINE L2870 ASYM K3 840 HO

Luminaire Flux	18438 lm	Luminaire Power	118.2 W	Efficacy	155.936 lm/W	Efficiency	90.83%
Source Flux	20300 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

2871mm x 62mm



C Halfplanes



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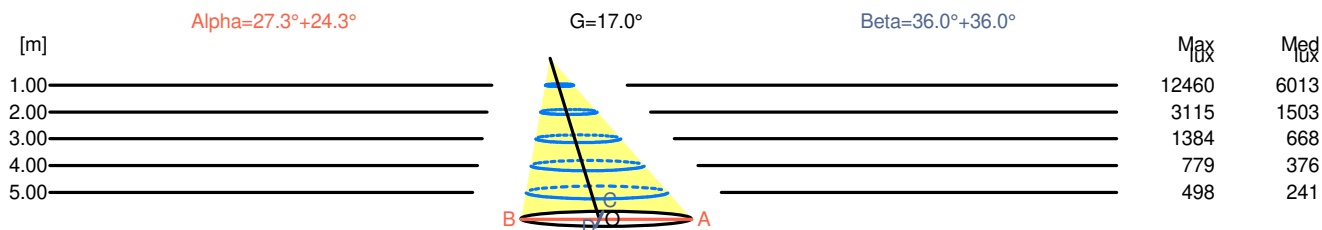
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Width at 50.00 % of Max Intensity

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

	0	5	15	25	35	45	55	65	75	85
OA	9815.05	11437.02	13694.38	12772.76	9364.39	5586.56	2848.09	1396.64	753.13	440.51
OB	9815.05	8345.33	5671.82	3306.87	1877.75	1284.99	1142.89	1179.43	1000.79	525.77
OC	9815.05	9752.12	9149.21	7527.24	5314.54	3467.24	2129.47	1199.73	639.45	205.03
OD	9815.05	9752.12	9149.21	7527.24	5314.54	3467.24	2129.47	1199.73	639.45	205.03



H[m]	D[m]	Max lux	Med lux	Alpha=27.3°+24.3°	G=17.0
1.00	1.06	12460	6013		
2.00	2.12	3115	1503		
3.00	3.18	1384	668		
4.00	4.24	779	376		
5.00	5.30	498	241		

H[m]	D[m]	Max lux	Med lux	Beta=36.0°+36.0°	G=0.0
1.00	1.52	12460	6013		
2.00	3.04	3115	1503		
3.00	4.56	1384	668		
4.00	6.08	779	376		
5.00	7.60	498	241		

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**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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	14.6	15.7	14.9	15.9	16.2	21.4	22.6	21.7	22.8	23.0
x=2H y=3H	16.8	17.8	17.1	18.0	18.3	22.2	23.2	22.5	23.5	23.7
x=2H y=4H	17.9	18.8	18.2	19.1	19.4	22.5	23.5	22.9	23.8	24.0
x=2H y=6H	18.7	19.6	19.1	19.9	20.2	22.8	23.7	23.2	24.0	24.3
x=2H y=8H	19.0	19.9	19.4	20.2	20.5	22.9	23.8	23.3	24.1	24.4
x=2H y=12H	19.3	20.1	19.6	20.4	20.7	23.0	23.8	23.4	24.2	24.5
x=4H y=2H	15.3	16.2	15.6	16.5	16.8	21.6	22.5	21.9	22.8	23.1
x=4H y=3H	17.5	18.3	17.8	18.6	18.9	22.5	23.3	22.8	23.6	23.9
x=4H y=4H	18.7	19.4	19.1	19.7	20.1	22.9	23.6	23.3	24.0	24.3
x=4H y=6H	19.7	20.3	20.1	20.7	21.1	23.3	23.9	23.7	24.3	24.7
x=4H y=8H	20.1	20.7	20.6	21.1	21.5	23.5	24.1	23.9	24.4	24.9
x=4H y=12H	20.4	21.0	20.9	21.4	21.8	23.6	24.1	24.0	24.5	24.9
x=8H y=4H	18.9	19.5	19.4	19.9	20.3	23.0	23.5	23.4	23.9	24.3
x=8H y=6H	20.1	20.5	20.5	21.0	21.4	23.4	23.9	23.9	24.3	24.8
x=8H y=8H	20.6	21.0	21.1	21.5	21.9	23.6	24.1	24.1	24.5	25.0
x=8H y=12H	21.0	21.4	21.5	21.9	22.4	23.8	24.2	24.3	24.6	25.1
x=12H y=4H	18.9	19.5	19.4	19.9	20.3	23.0	23.5	23.4	23.9	24.3
x=12H y=6H	20.2	20.6	20.6	21.0	21.5	23.4	23.9	23.9	24.3	24.8
x=12H y=8H	20.7	21.0	21.2	21.5	22.0	23.7	24.0	24.2	24.5	25.0

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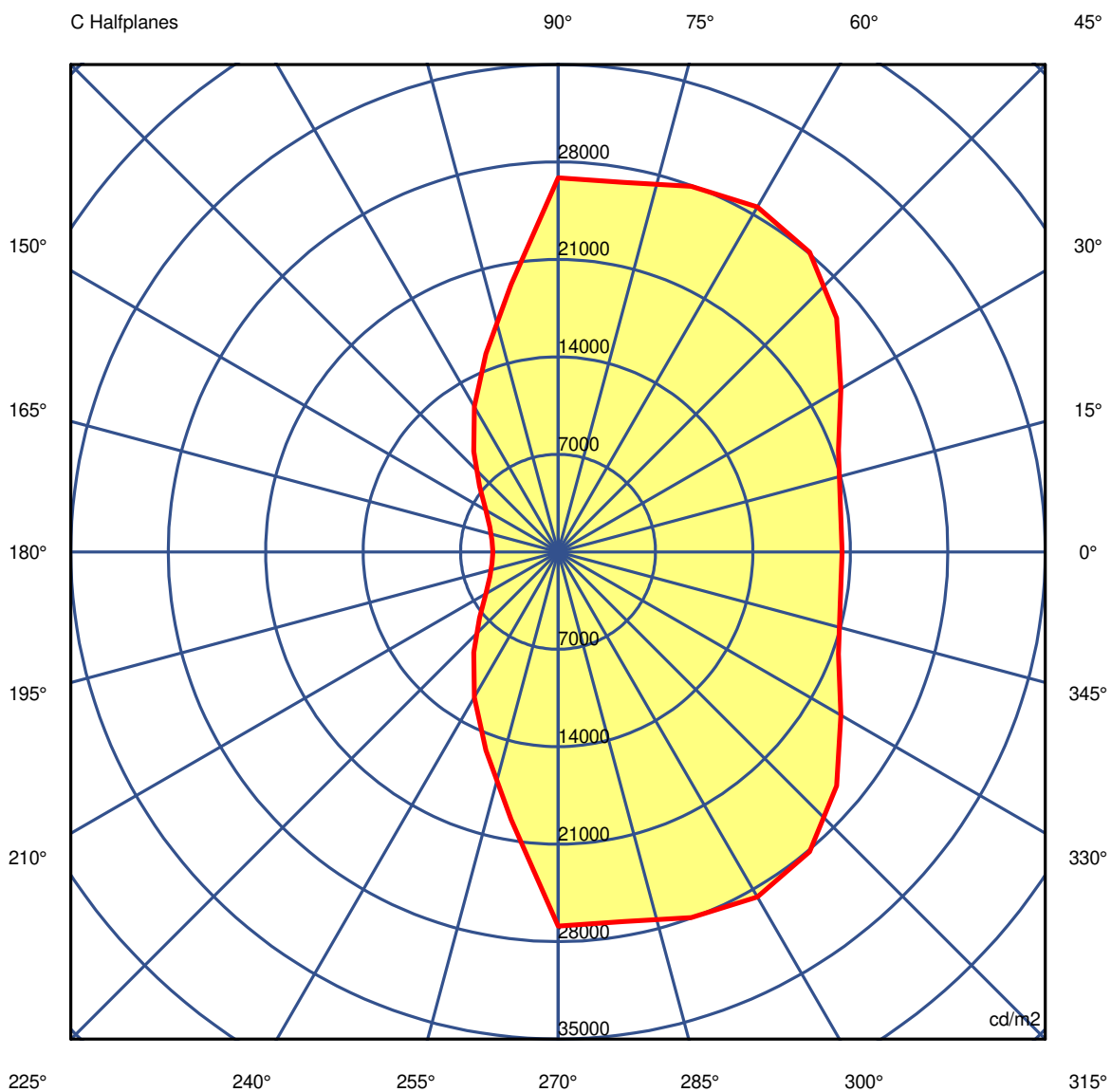
**Measurem.**

Code 11/8/2023

Name PAS LINE L2870 ASYM K3 840 HO

Luminaire Flux	18438 lm	Luminaire Power	118.2 W	Efficacy	155.936 lm/W	Efficiency	90.83%
Source Flux	20300 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

Luminance



45.0°

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Luminaire Flux		18438 lm		Luminaire Power		118.2 W		Efficacy		155.936 lm/W		Efficiency		90.83%	
Source Flux		20300 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	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159
G 5.0	58495	58385	58238	57957	57558	57102	56616	56087	55501	54893	52430	50195	48202		
G 10.0	60866	60648	60436	60086	59591	58833	57823	56711	55513	54307	49561	45457	41979		
G 15.0	60567	60392	60448	60487	60239	59537	58321	56650	54743	52871	46008	40466	36093		
G 20.0	57161	57169	57773	58657	59139	58763	57410	55291	52703	50162	41692	35401	30721		
G 25.0	51130	51360	52419	54322	55859	56138	54817	52209	49020	46128	36763	30400	25963		
G 30.0	43383	43763	45107	47698	50156	51172	50137	47415	43997	41129	31693	25751	21718		
G 35.0	35214	35591	36862	39472	42376	44045	43567	41161	38080	35823	26897	21560	17950		
G 40.0	27366	27643	28721	31129	34049	35938	35940	34418	32313	30985	22824	18035	14701		
G 45.0	20391	20578	21420	23442	26121	28103	28607	27952	26966	26873	19509	15164	12060		
G 50.0	14638	14825	15541	17212	19439	21361	22352	22396	22313	23324	16649	12693	9840		
G 55.0	10407	10542	11109	12451	14207	15904	17136	17752	18355	20133	14083	10522	7946		
G 60.0	7342	7484	7962	9026	10372	11710	12840	13759	14893	17330	11732	8548	6353		
G 65.0	5269	5384	5743	6526	7547	8612	9607	10592	12019	15128	9910	7096	5236		
G 70.0	3907	3991	4264	4773	5494	6306	7149	8142	9785	13656	8562	6018	4409		
G 75.0	3032	3074	3237	3560	4055	4632	5282	6201	7933	12681	7471	5141	3723		
G 80.0	2439	2463	2556	2731	2995	3367	3827	4566	6143	11770	6162	4188	3061		
G 85.0	1965	1980	2036	2117	2251	2415	2641	3094	4141	10243	4164	2923	2280		
G 90.0	1570	1588	1617	1602	1602	1621	1644	1627	1555	6728	1506	1532	1513		

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Source Flux		20300 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	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159
G 5.0	46456	45051	43988	43196	42771	42682	42771	43196	43988	45051	46456	48202	50195												
G 10.0	39104	36844	35154	33944	33185	32922	33185	33944	35154	36844	39104	41979	45457												
G 15.0	32649	29911	27782	26272	25373	25085	25373	26272	27782	29911	32649	36093	40466												
G 20.0	27059	24098	21735	19991	18857	18442	18857	19991	21735	24098	27059	30721	35401												
G 25.0	22406	19359	16816	14925	13694	13237	13694	14925	16816	19359	22406	25963	30400												
G 30.0	18361	15391	12892	11052	9912	9520	9912	11052	12892	15391	18361	21718	25751												
G 35.0	14821	12042	9789	8247	7354	7061	7354	8247	9789	12042	14821	17950	21560												
G 40.0	11824	9388	7549	6391	5754	5544	5754	6391	7549	9388	11824	14701	18035												
G 45.0	9431	7372	5986	5212	4819	4690	4819	5212	5986	7372	9431	12060	15164												
G 50.0	7505	5866	4934	4487	4316	4283	4316	4487	4934	5866	7505	9840	12693												
G 55.0	6010	4798	4236	4086	4124	4176	4124	4086	4236	4798	6010	7946	10522												
G 60.0	4877	4043	3764	3888	4148	4294	4148	3888	3764	4043	4877	6353	8548												
G 65.0	4097	3527	3460	3814	4244	4449	4244	3814	3460	3527	4097	5236	7096												
G 70.0	3520	3150	3234	3717	4205	4411	4205	3717	3234	3150	3520	4409	6018												
G 75.0	3055	2838	2979	3448	3871	4029	3871	3448	2979	2838	3055	3723	5141												
G 80.0	2585	2465	2597	2938	3205	3286	3205	2938	2597	2465	2585	3061	4188												
G 85.0	2022	1969	2055	2244	2344	2345	2344	2244	2055	1969	2022	2280	2923												
G 90.0	1491	1496	1547	1637	1669	1657	1669	1637	1547	1496	1491	1513	1532												

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**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	55159	55159	55159	55159	55159	55159	55159	55159	55159	55159
G 5.0	52430	54893	55501	56087	56616	57102	57558	57957	58238	58385
G 10.0	49561	54307	55513	56711	57823	58833	59591	60086	60436	60648
G 15.0	46008	52871	54743	56650	58321	59537	60239	60487	60448	60392
G 20.0	41692	50162	52703	55291	57410	58763	59139	58657	57773	57169
G 25.0	36763	46128	49020	52209	54817	56138	55859	54322	52419	51360
G 30.0	31693	41129	43997	47415	50137	51172	50156	47698	45107	43763
G 35.0	26897	35823	38080	41161	43567	44045	42376	39472	36862	35591
G 40.0	22824	30985	32313	34418	35940	35938	34049	31129	28721	27643
G 45.0	19509	26873	26966	27952	28607	28103	26121	23442	21420	20578
G 50.0	16649	23324	22313	22396	22352	21361	19439	17212	15541	14825
G 55.0	14083	20133	18355	17752	17136	15904	14207	12451	11109	10542
G 60.0	11732	17330	14893	13759	12840	11710	10372	9026	7962	7484
G 65.0	9910	15128	12019	10592	9607	8612	7547	6526	5743	5384
G 70.0	8562	13656	9785	8142	7149	6306	5494	4773	4264	3991
G 75.0	7471	12681	7933	6201	5282	4632	4055	3560	3237	3074
G 80.0	6162	11770	6143	4566	3827	3367	2995	2731	2556	2463
G 85.0	4164	10243	4141	3094	2641	2415	2251	2117	2036	1980
G 90.0	1506	6728	1555	1627	1644	1621	1602	1602	1617	1588