

Luminaire

Code 90776L010

Name PAS LINE L2870 ASYM K3 830 LO

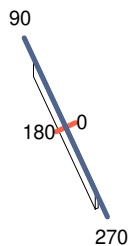
Measurem.

Code 11/8/2023

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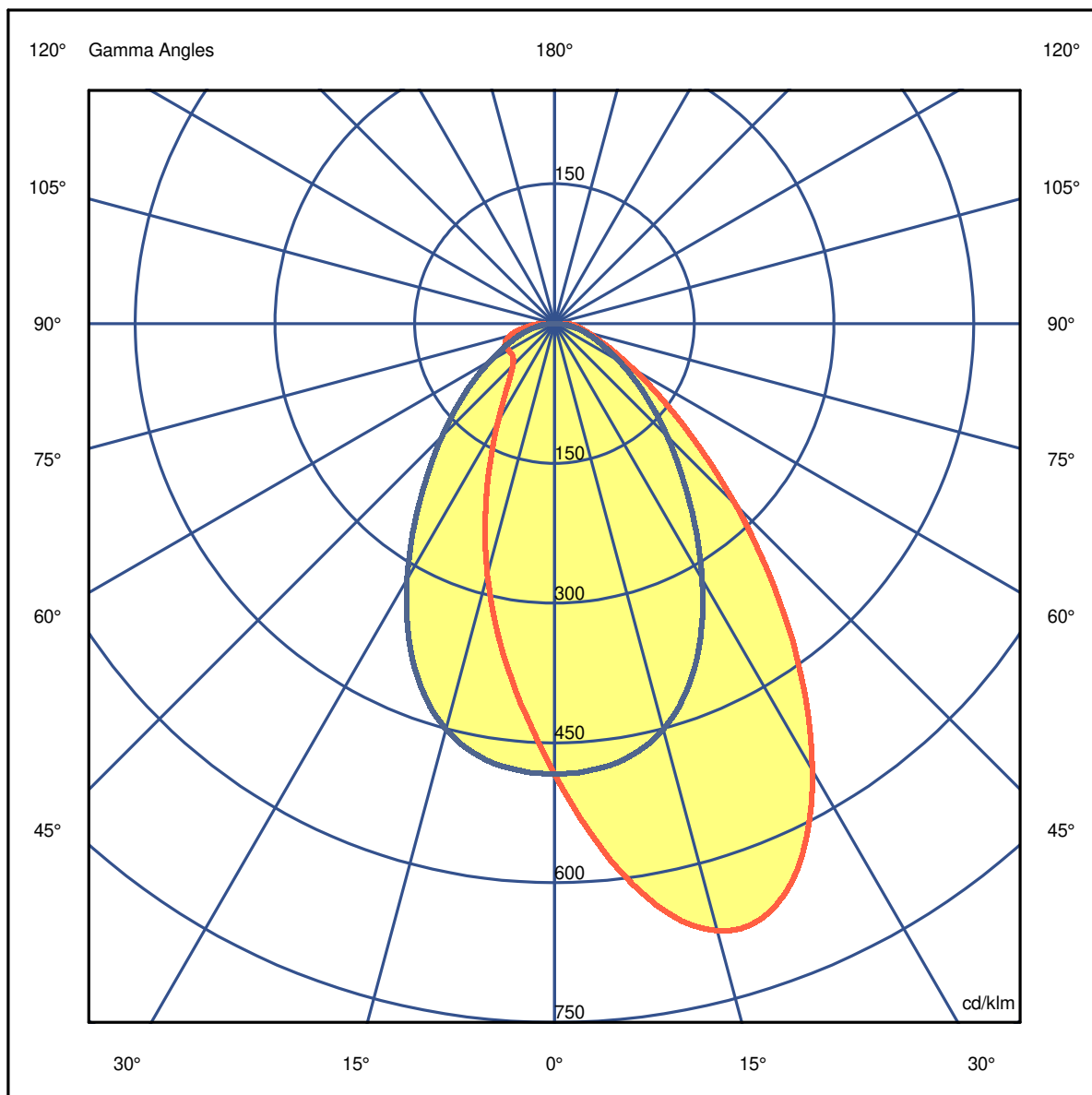
Luminaire Flux	14968 lm	Luminaire Power	100.2 W	Efficacy	149.324 lm/W	Efficiency	90.83%
Source Flux	16480 lm	Maximum value	679.30 cd/klm	Position	C=0.00 G=17.00	CG	Asymmetrical

2871mm x 62mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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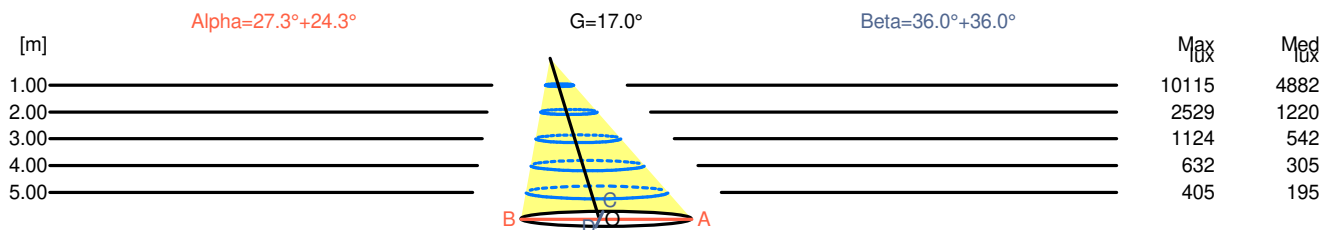
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Width at 50.00 % of Max Intensity

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	7968.08	9284.83	11117.41	10369.22	7602.22	4535.30	2312.14	1133.82	611.41	357.62
OB	7968.08	6774.93	4604.51	2684.59	1524.40	1043.18	927.82	957.49	812.46	426.83
OC	7968.08	7916.99	7427.54	6110.78	4314.46	2814.78	1728.75	973.97	519.12	166.45
OD	7968.08	7916.99	7427.54	6110.78	4314.46	2814.78	1728.75	973.97	519.12	166.45



H[m]	D[m]	Max lux	Med lux	Alpha=27.3°+24.3°	G=17.0	
1.00	1.06	10115	4882			
2.00	2.12	2529	1220			
3.00	3.18	1124	542			
4.00	4.24	632	305			
5.00	5.30	405	195			

H[m]	D[m]	Max lux	Med lux	Beta=36.0°+36.0°	G=0.0	
1.00	1.52	10115	4882			
2.00	3.04	2529	1220			
3.00	4.56	1124	542			
4.00	6.08	632	305			
5.00	7.60	405	195			

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Luminaire Flux	14968 lm	Luminaire Power	100.2 W	Efficacy	149.324 lm/W	Efficiency	90.83%
Source Flux	16480 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	13.9	15.0	14.2	15.2	15.4	20.7	21.8	21.0	22.0	22.3
x=2H y=3H	16.0	17.1	16.4	17.3	17.6	21.5	22.5	21.8	22.7	23.0
x=2H y=4H	17.1	18.1	17.5	18.4	18.6	21.8	22.8	22.1	23.0	23.3
x=2H y=6H	18.0	18.9	18.3	19.2	19.5	22.1	23.0	22.5	23.3	23.6
x=2H y=8H	18.3	19.1	18.7	19.5	19.8	22.2	23.1	22.6	23.4	23.7
x=2H y=12H	18.5	19.3	18.9	19.7	20.0	22.3	23.1	22.7	23.4	23.7
x=4H y=2H	14.6	15.5	14.9	15.8	16.1	20.9	21.8	21.2	22.1	22.4
x=4H y=3H	16.8	17.6	17.1	17.9	18.2	21.8	22.6	22.1	22.9	23.2
x=4H y=4H	18.0	18.7	18.4	19.0	19.4	22.2	22.9	22.6	23.2	23.6
x=4H y=6H	19.0	19.6	19.4	20.0	20.4	22.6	23.2	23.0	23.6	24.0
x=4H y=8H	19.4	20.0	19.8	20.4	20.8	22.8	23.3	23.2	23.7	24.1
x=4H y=12H	19.7	20.2	20.2	20.6	21.1	22.9	23.4	23.3	23.8	24.2
x=8H y=4H	18.2	18.8	18.6	19.2	19.6	22.3	22.8	22.7	23.2	23.6
x=8H y=6H	19.4	19.8	19.8	20.3	20.7	22.7	23.2	23.2	23.6	24.0
x=8H y=8H	19.9	20.3	20.4	20.7	21.2	22.9	23.3	23.4	23.8	24.2
x=8H y=12H	20.3	20.7	20.8	21.1	21.6	23.1	23.4	23.6	23.9	24.4
x=12H y=4H	18.2	18.7	18.7	19.2	19.6	22.2	22.8	22.7	23.2	23.6
x=12H y=6H	19.4	19.8	19.9	20.3	20.8	22.7	23.1	23.2	23.6	24.0
x=12H y=8H	20.0	20.3	20.5	20.8	21.3	22.9	23.3	23.4	23.8	24.3

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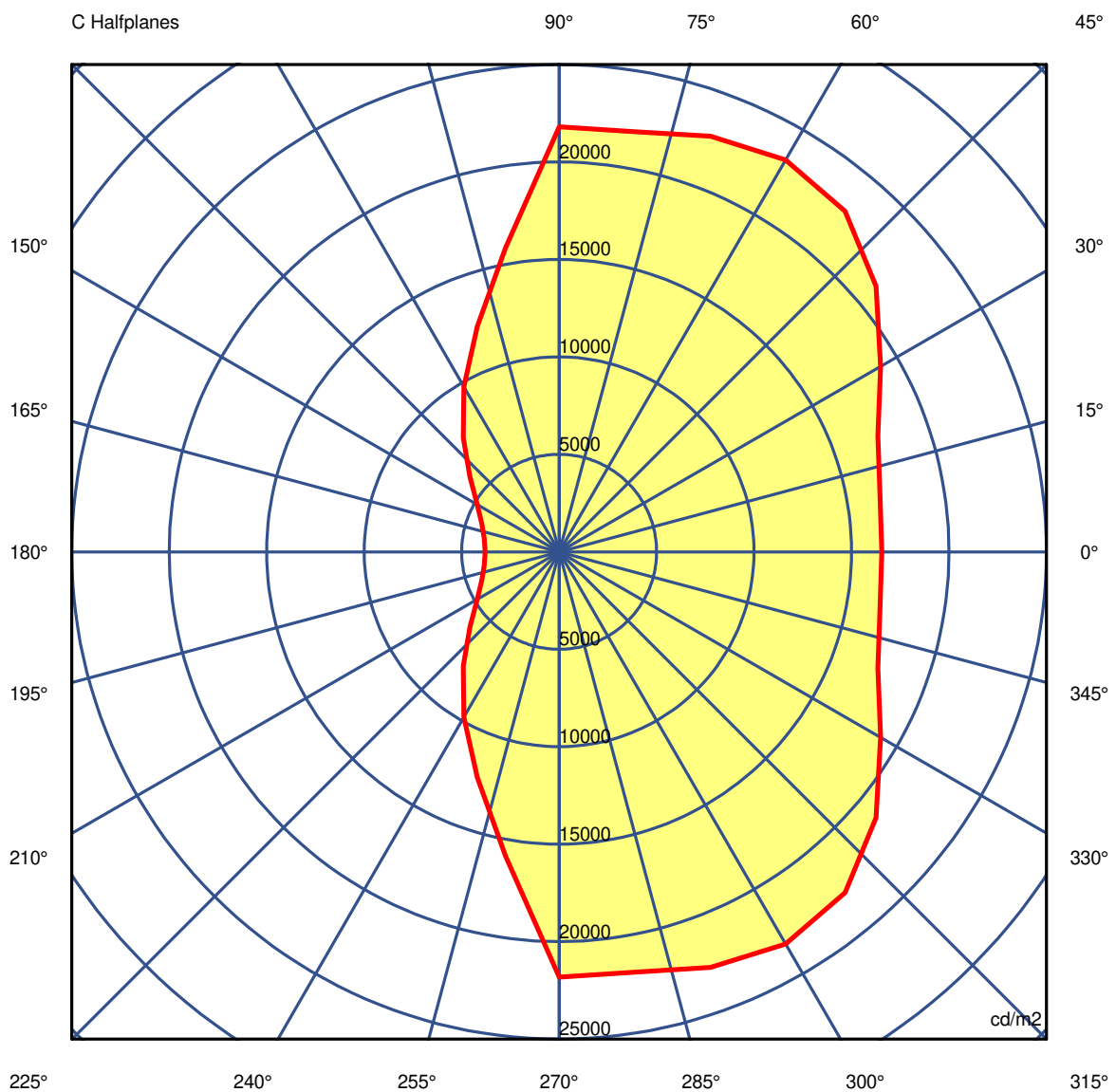
Measurem.

Code 11/8/2023

Name PAS LINE L2870 ASYM K3 830 LO

Luminaire Flux	14968 lm	Luminaire Power	100.2 W	Efficacy	149.324 lm/W	Efficiency	90.83%
Source Flux	16480 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	14968 lm		Luminaire Power		100.2 W		Efficacy		149.324 lm/W		Efficiency		90.83%	
Source Flux	16480 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	44780	44780	44780	44780	44780	44780	44780	44780	44780	44780	44780	44780	44780	
G 5.0	47487	47398	47279	47051	46727	46357	45962	45532	45057	44563	42564	40750	39132	
G 10.0	49412	49235	49063	48779	48377	47762	46942	46039	45067	44088	40235	36903	34079	
G 15.0	49170	49028	49073	49104	48903	48334	47346	45990	44441	42922	37350	32851	29301	
G 20.0	46405	46411	46901	47619	48010	47705	46607	44886	42786	40722	33846	28739	24940	
G 25.0	41508	41695	42555	44100	45348	45574	44502	42384	39796	37448	29845	24679	21078	
G 30.0	35219	35528	36619	38722	40718	41542	40702	38493	35718	33389	25729	20905	17631	
G 35.0	28587	28894	29925	32044	34402	35757	35369	33415	30914	29082	21836	17503	14572	
G 40.0	22216	22441	23316	25271	27642	29175	29177	27942	26232	25155	18529	14641	11934	
G 45.0	16554	16706	17389	19031	21205	22815	23224	22692	21891	21816	15838	12310	9790	
G 50.0	11883	12035	12616	13973	15781	17341	18146	18181	18114	18935	13516	10305	7989	
G 55.0	8448	8558	9019	10108	11533	12911	13911	14412	14901	16344	11433	8542	6451	
G 60.0	5960	6076	6464	7328	8420	9506	10423	11170	12090	14069	9524	6939	5158	
G 65.0	4277	4371	4662	5298	6127	6992	7799	8599	9757	12282	8045	5760	4251	
G 70.0	3172	3240	3462	3875	4460	5119	5804	6610	7943	11086	6951	4885	3580	
G 75.0	2461	2495	2628	2890	3292	3760	4288	5034	6440	10295	6065	4173	3023	
G 80.0	1980	2000	2075	2217	2431	2733	3107	3707	4987	9555	5002	3400	2485	
G 85.0	1595	1607	1653	1718	1828	1961	2144	2512	3362	8315	3380	2373	1851	
G 90.0	1274	1289	1313	1301	1300	1316	1334	1321	1263	5462	1223	1244	1228	

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Source Flux	16480 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	44780	44780	44780	44780	44780	44780	44780	44780	44780	44780	44780	44780	44780	
G 5.0	37714	36573	35710	35067	34722	34650	34722	35067	35710	36573	37714	39132	40750	
G 10.0	31745	29911	28539	27557	26940	26727	26940	27557	28539	29911	31745	34079	36903	
G 15.0	26505	24282	22554	21328	20598	20365	20598	21328	22554	24282	26505	29301	32851	
G 20.0	21967	19563	17645	16229	15309	14971	15309	16229	17645	19563	21967	24940	28739	
G 25.0	18190	15716	13651	12116	11117	10746	11117	12116	13651	15716	18190	21078	24679	
G 30.0	14906	12495	10466	8972	8047	7729	8047	8972	10466	12495	14906	17631	20905	
G 35.0	12032	9776	7947	6695	5970	5732	5970	6695	7947	9776	12032	14572	17503	
G 40.0	9599	7622	6128	5189	4671	4500	4671	5189	6128	7622	9599	11934	14641	
G 45.0	7656	5985	4859	4231	3912	3808	3912	4231	4859	5985	7656	9790	12310	
G 50.0	6093	4762	4005	3643	3504	3477	3504	3643	4005	4762	6093	7989	10305	
G 55.0	4879	3895	3439	3317	3348	3390	3348	3317	3439	3895	4879	6451	8542	
G 60.0	3959	3283	3056	3157	3368	3486	3368	3157	3056	3283	3959	5158	6939	
G 65.0	3326	2864	2809	3096	3445	3612	3445	3096	2809	2864	3326	4251	5760	
G 70.0	2858	2557	2626	3017	3414	3581	3414	3017	2626	2557	2858	3580	4885	
G 75.0	2481	2304	2419	2799	3143	3270	3143	2799	2419	2304	2481	3023	4173	
G 80.0	2098	2001	2109	2385	2602	2668	2602	2385	2109	2001	2098	2485	3400	
G 85.0	1642	1599	1669	1822	1903	1904	1903	1822	1669	1599	1642	1851	2373	
G 90.0	1210	1214	1256	1329	1355	1345	1355	1329	1256	1214	1210	1228	1244	

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Source Flux	16480 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	44780	44780	44780	44780	44780	44780	44780	44780	44780	44780
G 5.0	42564	44563	45057	45532	45962	46357	46727	47051	47279	47398
G 10.0	40235	44088	45067	46039	46942	47762	48377	48779	49063	49235
G 15.0	37350	42922	44441	45990	47346	48334	48903	49104	49073	49028
G 20.0	33846	40722	42786	44886	46607	47705	48010	47619	46901	46411
G 25.0	29845	37448	39796	42384	44502	45574	45348	44100	42555	41695
G 30.0	25729	33389	35718	38493	40702	41542	40718	38722	36619	35528
G 35.0	21836	29082	30914	33415	35369	35757	34402	32044	29925	28894
G 40.0	18529	25155	26232	27942	29177	29175	27642	25271	23316	22441
G 45.0	15838	21816	21891	22692	23224	22815	21205	19031	17389	16706
G 50.0	13516	18935	18114	18181	18146	17341	15781	13973	12616	12035
G 55.0	11433	16344	14901	14412	13911	12911	11533	10108	9019	8558
G 60.0	9524	14069	12090	11170	10423	9506	8420	7328	6464	6076
G 65.0	8045	12282	9757	8599	7799	6992	6127	5298	4662	4371
G 70.0	6951	11086	7943	6610	5804	5119	4460	3875	3462	3240
G 75.0	6065	10295	6440	5034	4288	3760	3292	2890	2628	2495
G 80.0	5002	9555	4987	3707	3107	2733	2431	2217	2075	2000
G 85.0	3380	8315	3362	2512	2144	1961	1828	1718	1653	1607
G 90.0	1223	5462	1263	1321	1334	1316	1300	1301	1313	1289