

Luminaire

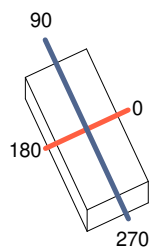
Code 90936L103
Name SENSE X D53 DOZ 827 HO

Measurem.

Code 11/8/2023
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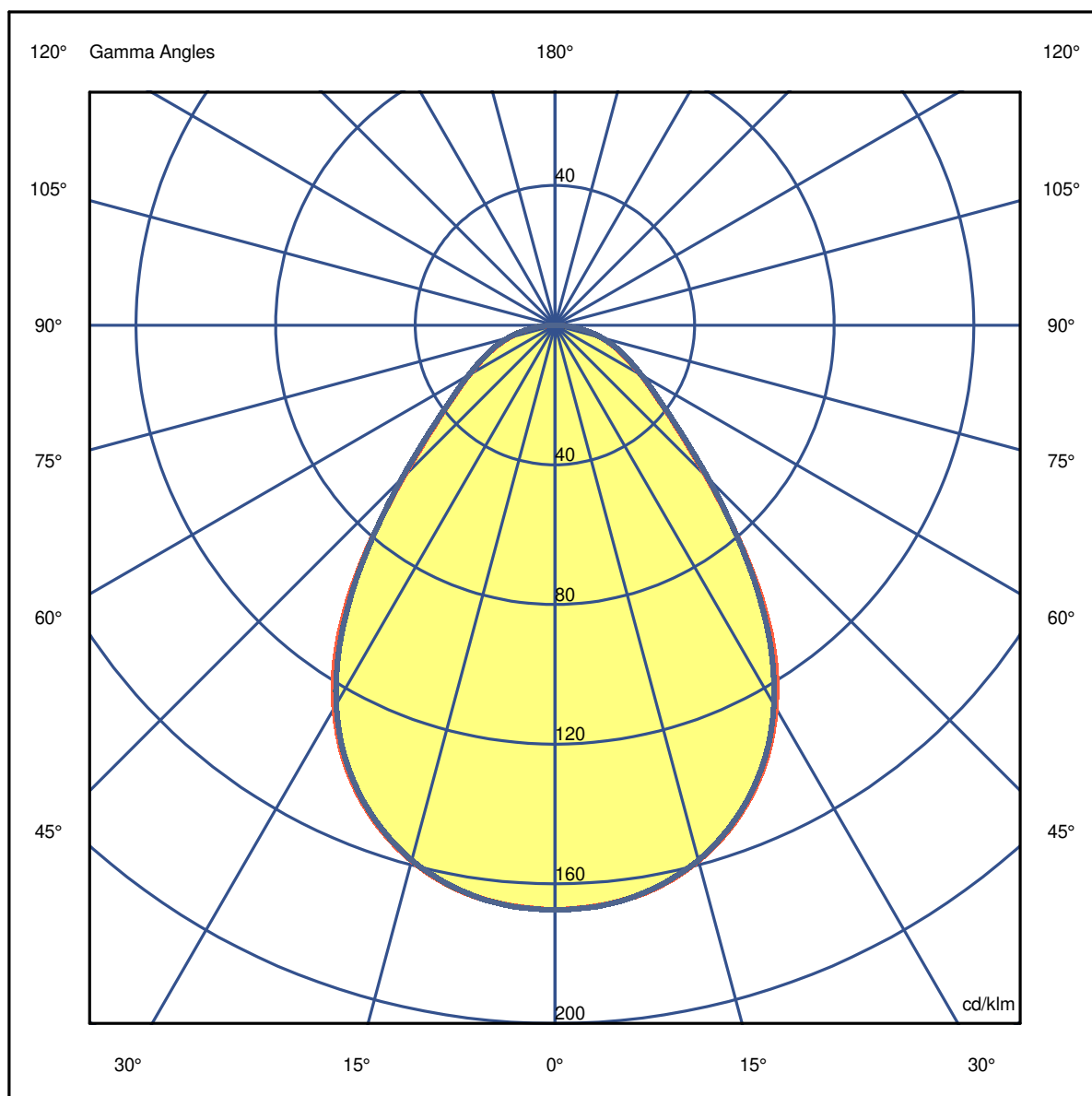
Luminaire Flux	74 lm	Luminaire Power	3.0 W	Efficacy	24.633 lm/W	Efficiency	31.45%
Source Flux	235 lm	Maximum value	167.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

130mm x 60mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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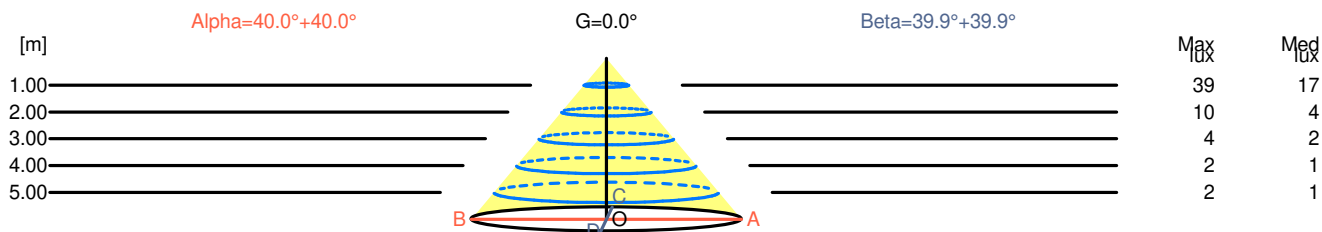
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Width at 50.00 % of Max Intensity

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	0.84	1.68	2.52	3.36	4.20	OC	0.84	1.67	2.51	3.35	4.18
OB	0.84	1.68	2.52	3.36	4.20	OD	0.84	1.67	2.51	3.35	4.18

	0	5	15	25	35	45	55	65	75	85
OA	39.36	39.13	37.31	33.06	25.33	14.43	8.32	5.36	3.22	1.01
OB	39.36	39.13	37.31	33.06	25.33	14.43	8.32	5.36	3.22	1.01
OC	39.36	39.16	37.26	32.90	24.93	14.61	8.41	5.45	3.26	1.02
OD	39.36	39.16	37.26	32.90	24.93	14.61	8.41	5.45	3.26	1.02



H[m]	D[m]	Max lux	Med lux	Alpha=40.0°+40.0°	G=0.0	
1.00	1.68	39	17			
2.00	3.36	10	4			
3.00	5.04	4	2			
4.00	6.72	2	1			
5.00	8.40	2	1			

H[m]	D[m]	Max lux	Med lux	Beta=39.9°+39.9°	G=0.0	
1.00	1.67	39	17			
2.00	3.35	10	4			
3.00	5.02	4	2			
4.00	6.69	2	1			
5.00	8.37	2	1			

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Source Flux	235 lm	Maximum value	167.47 cd/klm	Position	C=0.00 G=0.00	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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	22.1	23.2	22.4	23.4	23.6	22.1	23.2	22.4	23.4	23.6
x=2H y=3H	23.3	24.3	23.6	24.5	24.8	23.4	24.4	23.7	24.6	24.8
x=2H y=4H	23.9	24.8	24.3	25.1	25.4	24.0	24.9	24.3	25.2	25.5
x=2H y=6H	24.4	25.3	24.7	25.6	25.9	24.5	25.3	24.8	25.7	25.9
x=2H y=8H	24.6	25.5	25.0	25.8	26.1	24.7	25.5	25.1	25.8	26.1
x=2H y=12H	24.8	25.5	25.1	25.9	26.2	24.8	25.6	25.1	25.9	26.3
x=4H y=2H	22.6	23.5	22.9	23.8	24.1	22.6	23.5	23.0	23.8	24.1
x=4H y=3H	24.0	24.8	24.4	25.1	25.5	24.1	24.9	24.4	25.2	25.5
x=4H y=4H	24.8	25.5	25.2	25.8	26.2	24.9	25.6	25.2	25.9	26.3
x=4H y=6H	25.5	26.1	25.9	26.5	26.8	25.5	26.1	25.9	26.5	26.9
x=4H y=8H	25.8	26.3	26.2	26.7	27.1	25.8	26.4	26.2	26.8	27.2
x=4H y=12H	25.9	26.5	26.4	26.9	27.3	26.0	26.5	26.4	26.9	27.3
x=8H y=4H	25.1	25.7	25.5	26.1	26.5	25.2	25.7	25.6	26.1	26.5
x=8H y=6H	26.0	26.4	26.4	26.9	27.3	26.0	26.5	26.5	26.9	27.3
x=8H y=8H	26.3	26.7	26.8	27.2	27.6	26.4	26.8	26.8	27.2	27.7
x=8H y=12H	26.6	27.0	27.1	27.4	27.9	26.7	27.0	27.1	27.5	28.0
x=12H y=4H	25.2	25.7	25.6	26.1	26.5	25.2	25.7	25.6	26.1	26.5
x=12H y=6H	26.1	26.4	26.5	26.9	27.4	26.1	26.5	26.6	26.9	27.4
x=12H y=8H	26.5	26.8	26.9	27.3	27.8	26.5	26.8	27.0	27.3	27.8

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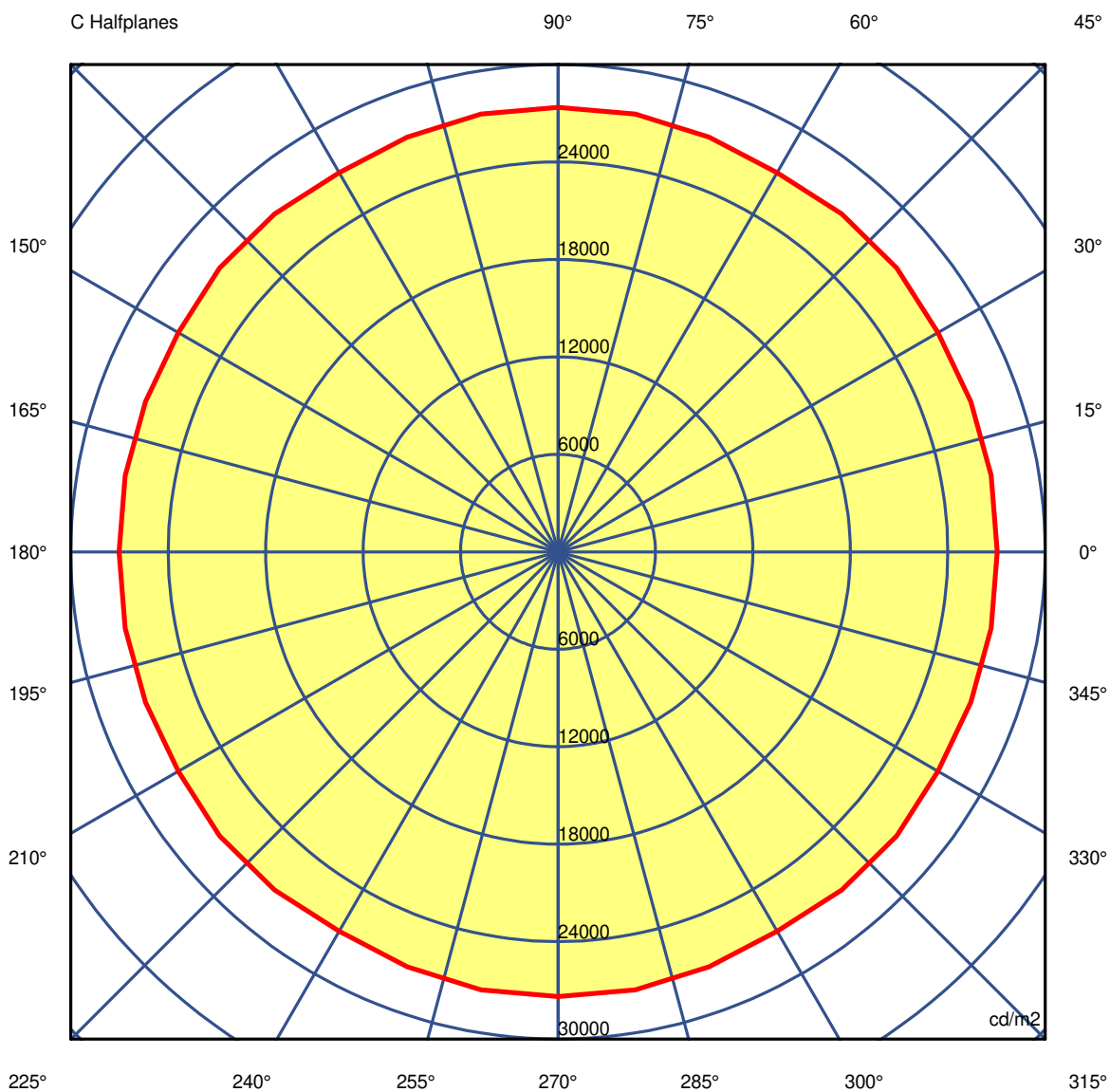
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Source Flux	235 lm	Maximum value	167.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

Luminance



45.0°

Luminaire

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Luminaire Flux		74 lm		Luminaire Power		3.0 W		Efficacy		24.633 lm/W		Efficiency		31.45%	
Source Flux		235 lm		Maximum value		167.47 cd/klm		Position		C=0.00 G=0.00		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	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142
G 5.0	52042	52055	52057	52057	52077	52078	52057	52055	52068	52079	52068	52055	52057	52057	52057
G 10.0	51806	51810	51813	51806	51782	51769	51764	51762	51757	51752	51757	51762	51764	51764	51764
G 15.0	51181	51179	51171	51158	51161	51156	51136	51115	51111	51113	51111	51115	51136	51136	51136
G 20.0	50081	50076	50066	50052	50037	50019	49999	49980	49954	49936	49954	49980	49999	49999	49999
G 25.0	48326	48283	48267	48261	48226	48209	48189	48103	48079	48092	48079	48103	48189	48189	48189
G 30.0	45497	45461	45442	45440	45309	45279	45310	45158	45083	45080	45061	45158	45310	45310	45310
G 35.0	40963	40860	40852	40852	40697	40620	40605	40413	40328	40328	40328	40413	40605	40605	40605
G 40.0	34078	34059	34009	33954	34006	33976	33870	33893	33899	33889	33899	33893	33870	33870	33870
G 45.0	27034	27078	27047	27007	27206	27165	26974	27182	27371	27366	27371	27182	26974	26974	26974
G 50.0	22077	22076	22040	22034	22220	22193	22053	22294	22403	22377	22403	22294	22053	22053	22053
G 55.0	19213	19256	19200	19143	19261	19278	19208	19337	19413	19422	19434	19337	19208	19208	19208
G 60.0	17671	17663	17648	17669	17763	17768	17730	17841	17878	17854	17878	17841	17730	17730	17730
G 65.0	16810	16853	16819	16771	16929	17014	16991	17080	17120	17086	17120	17080	16991	16991	16991
G 70.0	16496	16489	16482	16515	16623	16650	16625	16720	16769	16771	16784	16720	16625	16625	16625
G 75.0	16504	16531	16540	16545	16593	16614	16608	16647	16674	16672	16674	16646	16608	16608	16608
G 80.0	16344	16261	16495	16775	16535	16379	16380	16464	16449	16399	16448	16441	16380	16380	16380
G 85.0	15394	15515	15535	15510	15500	15593	15717	15713	15626	15568	15626	15713	15717	15717	15717
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux		235 lm		Maximum value		167.47 cd/klm		Position		C=0.00 G=0.00		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	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142
G 5.0	52078	52077	52057	52057	52057	52052	52042	52052	52057	52057	52057	52077	52078	52057	52055										
G 10.0	51769	51781	51806	51813	51809	51806	51809	51813	51806	51781	51769	51764	51762												
G 15.0	51156	51161	51158	51171	51181	51181	51181	51171	51158	51161	51156	51136	51115												
G 20.0	50019	50037	50052	50065	50077	50081	50077	50065	50052	50037	50019	49999	49980												
G 25.0	48209	48227	48261	48264	48291	48326	48291	48264	48261	48227	48209	48189	48103												
G 30.0	45278	45310	45440	45442	45459	45497	45459	45442	45440	45310	45278	45310	45158												
G 35.0	40619	40698	40852	40844	40881	40963	40881	40844	40852	40698	40619	40605	40413												
G 40.0	33976	34006	33954	34009	34071	34078	34071	34009	33954	34006	33976	33870	33893												
G 45.0	27166	27205	27007	27047	27067	27034	27067	27047	27007	27205	27166	26974	27182												
G 50.0	22193	22220	22034	22062	22076	22077	22087	22042	22034	22220	22193	22053	22294												
G 55.0	19278	19260	19143	19204	19234	19213	19234	19204	19143	19260	19278	19208	19337												
G 60.0	17768	17763	17669	17661	17664	17671	17664	17648	17669	17763	17768	17730	17841												
G 65.0	17014	16929	16771	16819	16842	16810	16842	16819	16771	16929	17014	16991	17080												
G 70.0	16650	16623	16515	16482	16491	16496	16491	16482	16515	16623	16650	16625	16720												
G 75.0	16614	16593	16545	16539	16526	16504	16526	16539	16545	16593	16614	16608	16646												
G 80.0	16315	16511	16775	16485	16332	16344	16332	16485	16775	16511	16379	16380	16464												
G 85.0	15594	15498	15510	15535	15492	15394	15492	15535	15510	15498	15594	15717	15713												
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0												

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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	52142	52142	52142	52142	52142	52142	52142	52142	52142	52142
G 5.0	52068	52079	52068	52055	52057	52078	52077	52057	52057	52055
G 10.0	51757	51752	51757	51762	51764	51769	51782	51806	51813	51810
G 15.0	51111	51113	51111	51115	51136	51156	51161	51158	51171	51179
G 20.0	49954	49936	49954	49980	49999	50019	50037	50052	50066	50076
G 25.0	48079	48092	48079	48103	48189	48209	48226	48261	48267	48283
G 30.0	45083	45080	45061	45158	45310	45279	45309	45440	45442	45461
G 35.0	40328	40328	40328	40413	40605	40620	40697	40852	40852	40860
G 40.0	33899	33889	33899	33893	33870	33976	34006	33954	34009	34059
G 45.0	27371	27366	27371	27182	26974	27165	27206	27007	27047	27078
G 50.0	22403	22377	22403	22294	22053	22193	22220	22034	22062	22076
G 55.0	19413	19422	19434	19337	19208	19278	19261	19143	19200	19256
G 60.0	17878	17854	17878	17841	17730	17768	17763	17669	17661	17663
G 65.0	17120	17086	17120	17080	16991	17014	16929	16771	16819	16853
G 70.0	16769	16771	16784	16720	16625	16650	16623	16515	16482	16489
G 75.0	16674	16672	16674	16647	16608	16614	16593	16545	16540	16531
G 80.0	16448	16399	16449	16441	16380	16316	16535	16775	16495	16261
G 85.0	15626	15568	15626	15713	15717	15593	15500	15510	15535	15515
G 90.0	0	0	0	0	0	0	0	0	0	0