

Luminaire

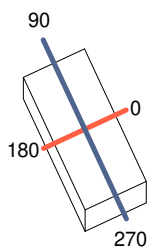
Code 90937L103
Name SENSE X D53 DOZ 840 HO IP20/65

Measurem.

Code 11/8/2023
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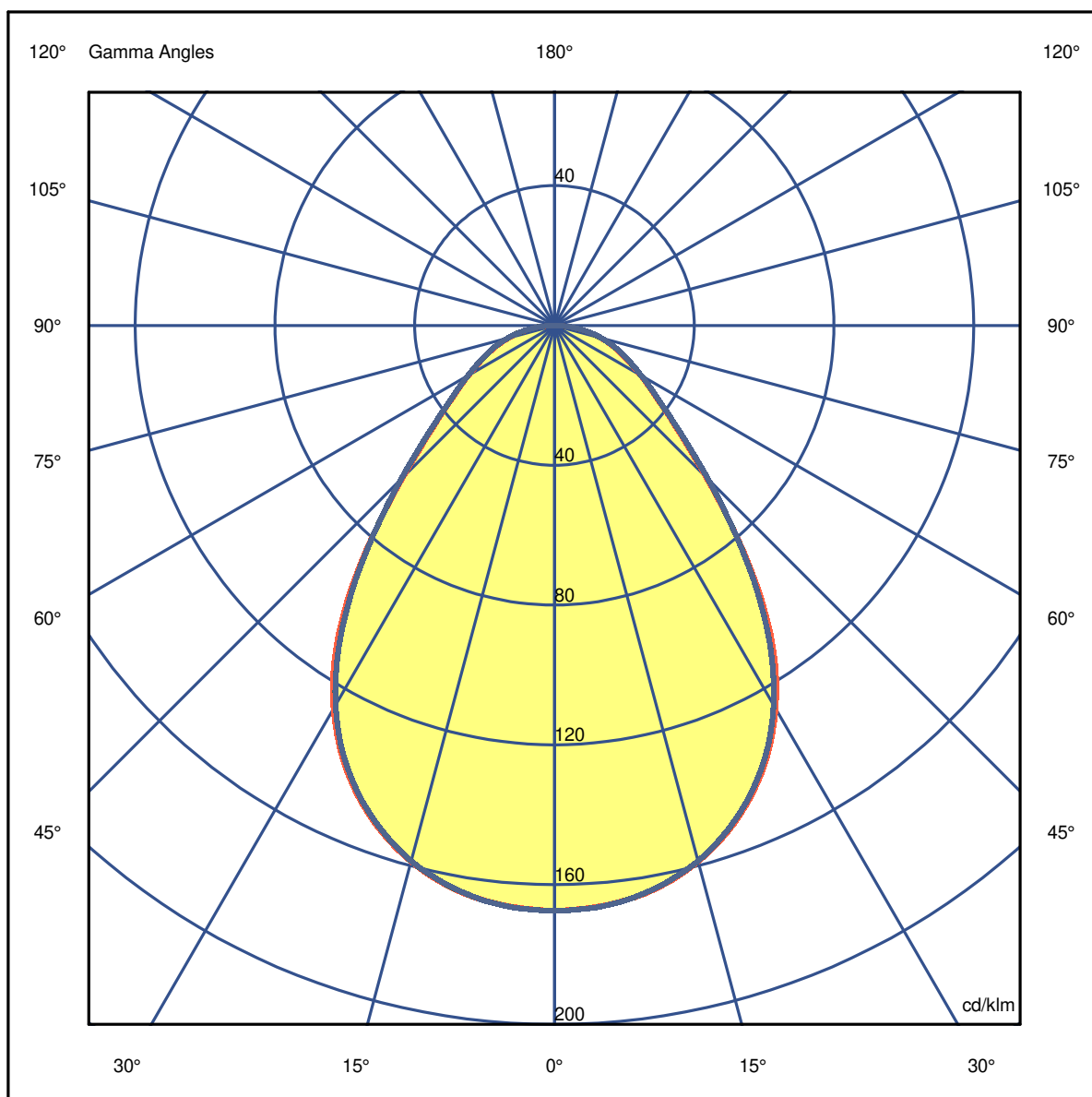
Luminaire Flux	85 lm	Luminaire Power	3.0 W	Efficacy	28.301 lm/W	Efficiency	31.45%
Source Flux	270 lm	Maximum value	167.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

130mm x 60mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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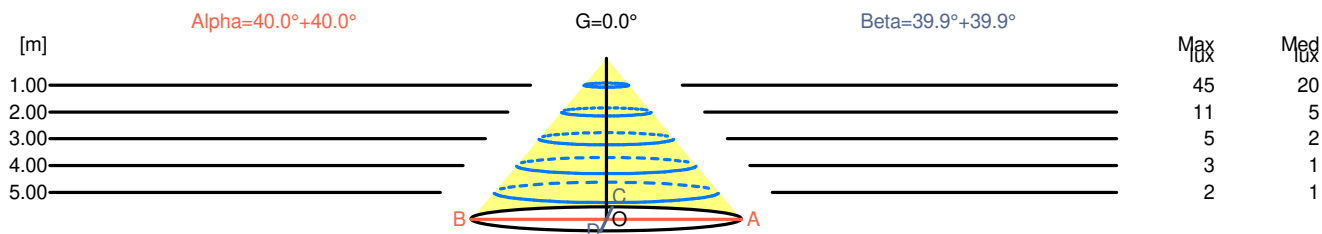
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Source Flux	270 lm	Maximum value	167.47 cd/klm	Position	C=0.00 G=0.00	CG Asymmetrical	

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	0.84	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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	45.22	44.96	42.87	37.98	29.10	16.58	9.56	6.16	3.70	1.16
OB	45.22	44.96	42.87	37.98	29.10	16.58	9.56	6.16	3.70	1.16
OC	45.22	44.99	42.81	37.80	28.65	16.78	9.66	6.26	3.74	1.18
OD	45.22	44.99	42.81	37.80	28.65	16.78	9.66	6.26	3.74	1.18



H[m]	D[m]	Max lux	Med lux	Alpha=40.0°+40.0°	G=0.0
1.00	1.68	45	20		
2.00	3.36	11	5		
3.00	5.04	5	2		
4.00	6.72	3	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	45	20		
2.00	3.35	11	5		
3.00	5.02	5	2		
4.00	6.69	3	1		
5.00	8.37	2	1		

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Source Flux	270 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										
Lateral View					Viewed Endwise					
x=2H y=2H	22.6	23.6	22.8	23.9	24.1	22.6	23.7	22.9	23.9	24.1
x=2H y=3H	23.8	24.8	24.1	25.0	25.3	23.8	24.8	24.1	25.1	25.3
x=2H y=4H	24.4	25.3	24.7	25.6	25.9	24.5	25.4	24.8	25.7	26.0
x=2H y=6H	24.9	25.8	25.2	26.1	26.4	25.0	25.8	25.3	26.1	26.4
x=2H y=8H	25.1	25.9	25.5	26.3	26.6	25.2	26.0	25.5	26.3	26.6
x=2H y=12H	25.2	26.0	25.6	26.3	26.7	25.3	26.1	25.6	26.4	26.7
x=4H y=2H	23.1	24.0	23.4	24.3	24.6	23.1	24.0	23.4	24.3	24.6
x=4H y=3H	24.5	25.3	24.8	25.6	25.9	24.6	25.4	24.9	25.7	26.0
x=4H y=4H	25.3	26.0	25.7	26.3	26.7	25.4	26.1	25.7	26.4	26.8
x=4H y=6H	25.9	26.6	26.3	26.9	27.3	26.0	26.6	26.4	27.0	27.4
x=4H y=8H	26.2	26.8	26.6	27.2	27.6	26.3	26.9	26.7	27.2	27.7
x=4H y=12H	26.4	26.9	26.9	27.4	27.8	26.5	27.0	26.9	27.4	27.8
x=8H y=4H	25.6	26.2	26.0	26.6	27.0	25.7	26.2	26.1	26.6	27.0
x=8H y=6H	26.4	26.9	26.9	27.3	27.8	26.5	26.9	26.9	27.4	27.8
x=8H y=8H	26.8	27.2	27.3	27.6	28.1	26.9	27.2	27.3	27.7	28.2
x=8H y=12H	27.1	27.4	27.6	27.9	28.4	27.1	27.5	27.6	27.9	28.4
x=12H y=4H	25.6	26.2	26.1	26.6	27.0	25.7	26.2	26.1	26.6	27.0
x=12H y=6H	26.5	26.9	27.0	27.4	27.9	26.6	27.0	27.0	27.4	27.9
x=12H y=8H	27.0	27.3	27.4	27.8	28.2	27.0	27.3	27.4	27.8	28.3

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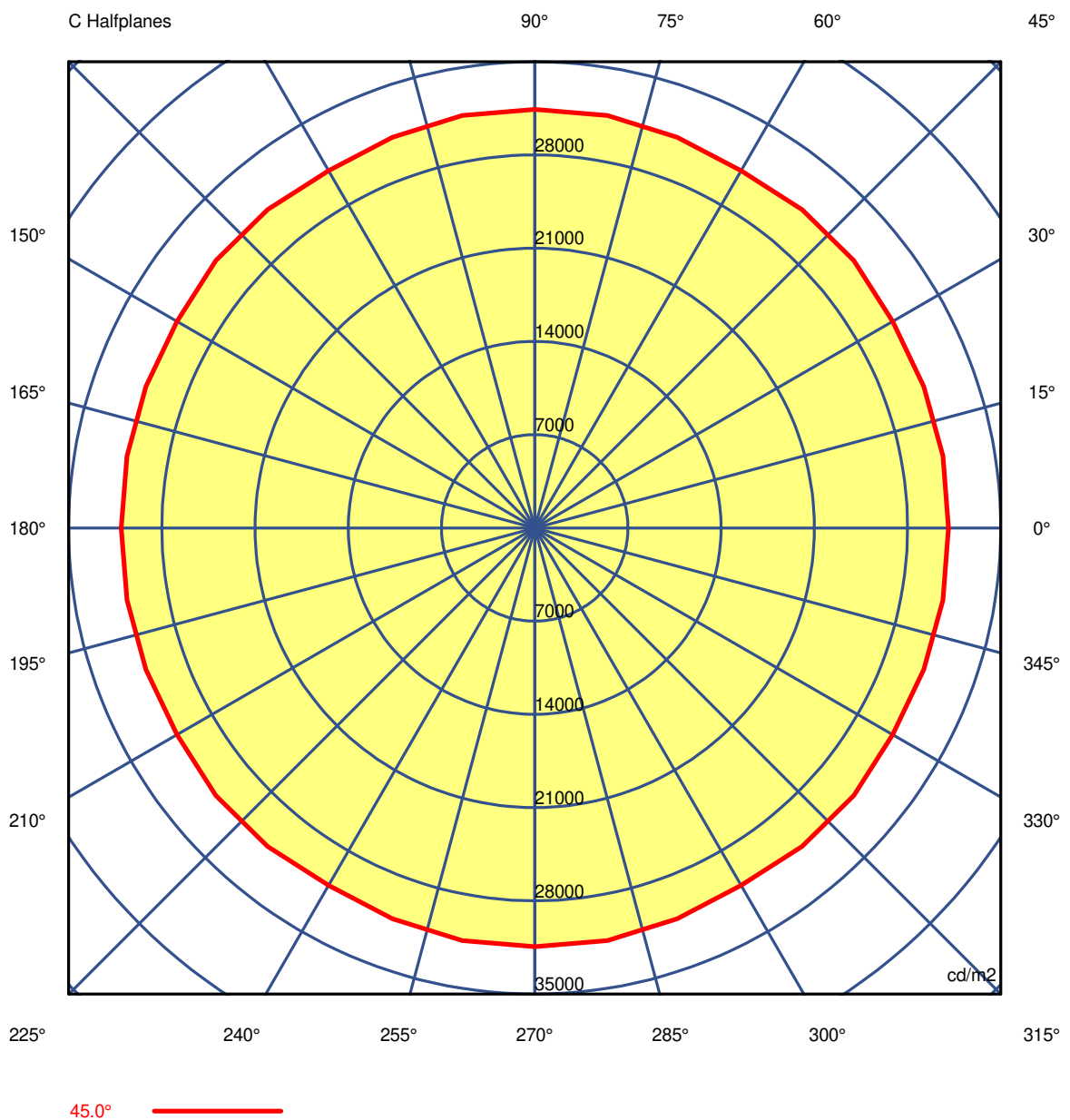
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Luminaire Flux	85 lm	Luminaire Power	3.0 W	Efficacy	28.301 lm/W	Efficiency	31.45%
Source Flux	270 lm	Maximum value	167.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

Luminance



Luminaire

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Luminaire Flux		85 lm		Luminaire Power		3.0 W		Efficacy		28.301 lm/W		Efficiency		31.45%	
Source Flux		270 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	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908
G 5.0	59792	59807	59810	59810	59833	59834	59810	59807	59823	59836	59823	59807	59810	59810	59810
G 10.0	59521	59526	59530	59521	59494	59479	59474	59472	59466	59459	59466	59472	59474	59474	59474
G 15.0	58803	58801	58792	58777	58781	58775	58752	58728	58723	58726	58723	58728	58752	58752	58752
G 20.0	57540	57534	57522	57506	57489	57468	57445	57424	57394	57373	57394	57424	57445	57445	57445
G 25.0	55523	55475	55456	55448	55409	55389	55366	55267	55239	55255	55239	55267	55366	55366	55366
G 30.0	52274	52232	52210	52207	52058	52022	52059	51884	51797	51794	51772	51884	52059	52059	52059
G 35.0	47063	46946	46937	46937	46758	46670	46653	46432	46334	46334	46334	46432	46653	46653	46653
G 40.0	39154	39131	39074	39010	39071	39037	38915	38941	38948	38936	38948	38941	38915	38915	38915
G 45.0	31061	31111	31075	31029	31258	31211	30991	31230	31448	31442	31448	31230	30991	30991	30991
G 50.0	25365	25364	25322	25316	25530	25498	25338	25615	25740	25710	25740	25615	25338	25338	25338
G 55.0	22074	22124	22060	21995	22129	22149	22069	22217	22304	22315	22329	22217	22069	22069	22069
G 60.0	20303	20294	20277	20301	20408	20415	20370	20498	20541	20513	20541	20498	20370	20370	20370
G 65.0	19313	19362	19324	19269	19451	19548	19522	19624	19669	19631	19669	19624	19522	19522	19522
G 70.0	18953	18945	18937	18975	19099	19130	19101	19211	19267	19269	19283	19211	19101	19101	19101
G 75.0	18962	18993	19003	19009	19065	19088	19082	19126	19157	19155	19157	19126	19082	19082	19082
G 80.0	18779	18683	18951	19273	18997	18818	18820	18916	18898	18841	18898	18890	18820	18820	18820
G 85.0	17687	17826	17848	17820	17808	17915	18058	18053	17953	17887	17953	18053	18058	18058	18058
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	270 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	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908	
G 5.0	59834	59833	59810	59810	59804	59792	59804	59810	59810	59833	59834	59810	59807	
G 10.0	59479	59494	59521	59530	59526	59521	59526	59530	59521	59494	59479	59474	59472	
G 15.0	58775	58781	58777	58792	58803	58803	58803	58792	58777	58781	58775	58752	58728	
G 20.0	57468	57489	57506	57522	57535	57540	57535	57522	57506	57489	57468	57445	57424	
G 25.0	55389	55410	55448	55452	55484	55523	55484	55452	55448	55410	55389	55366	55267	
G 30.0	52022	52058	52207	52210	52230	52274	52230	52210	52207	52058	52022	52059	51884	
G 35.0	46669	46760	46937	46928	46969	47063	46969	46928	46937	46760	46669	46653	46432	
G 40.0	39037	39071	39010	39074	39145	39154	39145	39074	39010	39071	39037	38915	38941	
G 45.0	31211	31257	31029	31075	31099	31061	31099	31075	31029	31257	31211	30991	31230	
G 50.0	25499	25529	25316	25348	25364	25365	25377	25324	25316	25529	25499	25338	25615	
G 55.0	22149	22129	21995	22064	22098	22074	22098	22064	21995	22129	22149	22069	22217	
G 60.0	20415	20408	20301	20291	20295	20303	20295	20276	20301	20408	20415	20370	20498	
G 65.0	19548	19450	19269	19324	19351	19313	19351	19324	19269	19450	19548	19522	19624	
G 70.0	19130	19099	18975	18936	18947	18953	18947	18936	18975	19099	19130	19101	19211	
G 75.0	19088	19064	19009	19002	18987	18962	18987	19002	19009	19064	19088	19082	19126	
G 80.0	18745	18970	19273	18940	18765	18779	18765	18940	19273	18970	18818	18820	18916	
G 85.0	17916	17806	17820	17848	17799	17687	17799	17848	17820	17806	17916	18058	18053	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Source Flux	270 lm	Maximum value	167.47 cd/klm	Position	C=0.00 G=0.00	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	59908	59908	59908	59908	59908	59908	59908	59908	59908	59908
G 5.0	59823	59836	59823	59807	59810	59834	59833	59810	59810	59807
G 10.0	59466	59459	59466	59472	59474	59479	59494	59521	59530	59526
G 15.0	58723	58726	58723	58728	58752	58775	58781	58777	58792	58801
G 20.0	57394	57373	57394	57424	57445	57468	57489	57506	57522	57534
G 25.0	55239	55255	55239	55267	55366	55389	55409	55448	55456	55475
G 30.0	51797	51794	51772	51884	52059	52022	52058	52207	52210	52232
G 35.0	46334	46334	46334	46432	46653	46670	46758	46937	46937	46946
G 40.0	38948	38936	38948	38941	38915	39037	39071	39010	39074	39131
G 45.0	31448	31442	31448	31230	30991	31211	31258	31029	31075	31111
G 50.0	25740	25710	25740	25615	25338	25498	25530	25316	25348	25364
G 55.0	22304	22315	22329	22217	22069	22149	22129	21995	22060	22124
G 60.0	20541	20513	20541	20498	20370	20415	20408	20301	20291	20294
G 65.0	19669	19631	19669	19624	19522	19548	19451	19269	19324	19362
G 70.0	19267	19269	19283	19211	19101	19130	19099	18975	18937	18945
G 75.0	19157	19155	19157	19126	19082	19088	19065	19009	19003	18993
G 80.0	18898	18841	18898	18890	18820	18746	18997	19273	18951	18683
G 85.0	17953	17887	17953	18053	18058	17915	17808	17820	17848	17826
G 90.0	0	0	0	0	0	0	0	0	0	0