

Luminaire

Code 90766L00L

Name FESAL SQ IP Q105 PB TRANSP. 930 35° LO

Measurem.

Code 45058

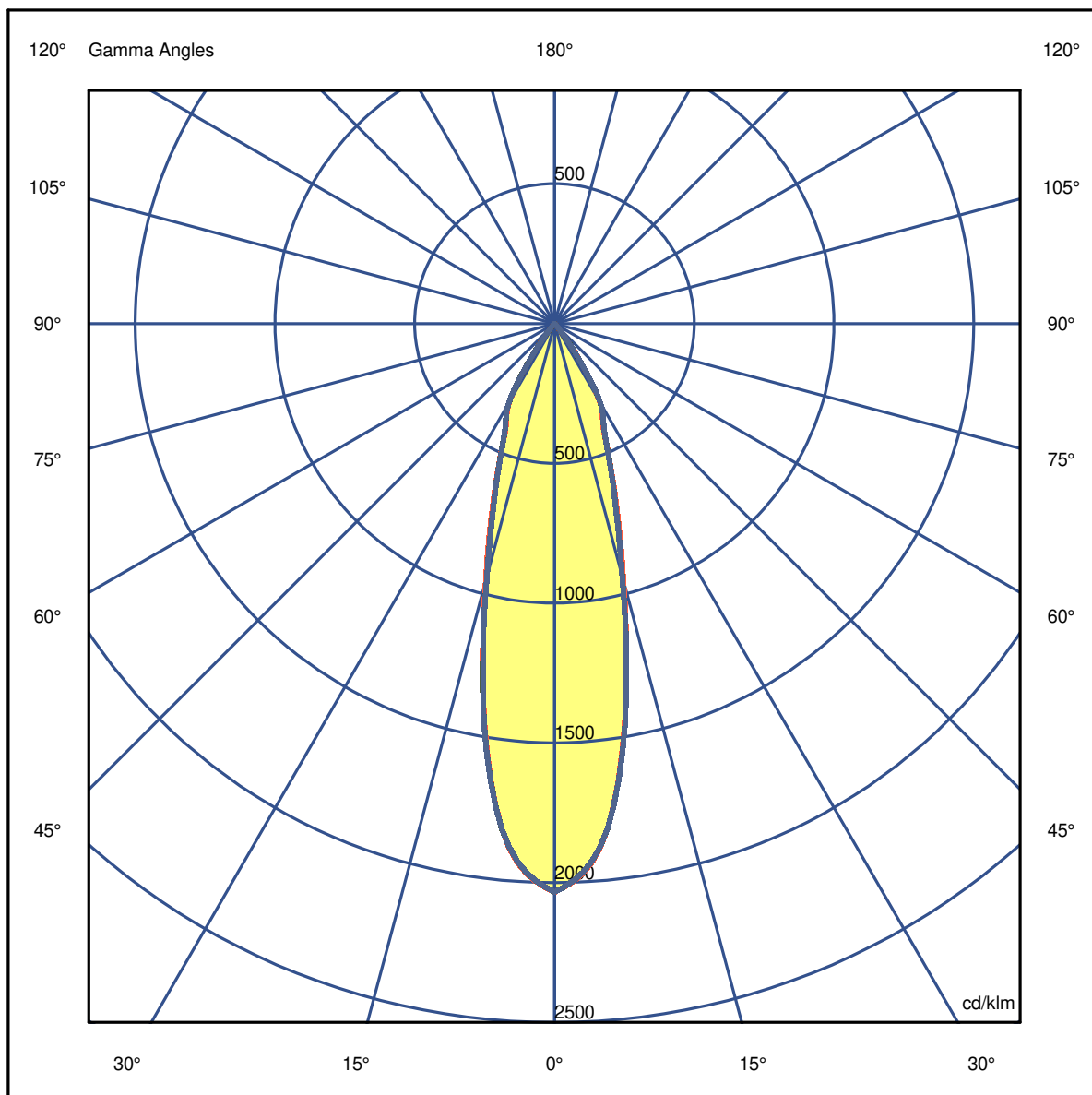
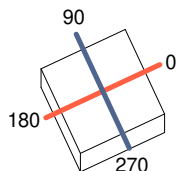
Name FESAL SQ IP Q105 PB TRANSP. 930 35° LO

Luminaire Flux	755 lm	Luminaire Power	6.5 W	Efficacy	115.382 lm/W	Efficiency	77.63%
Source Flux	972 lm	Maximum value	2033.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

105mm x 105mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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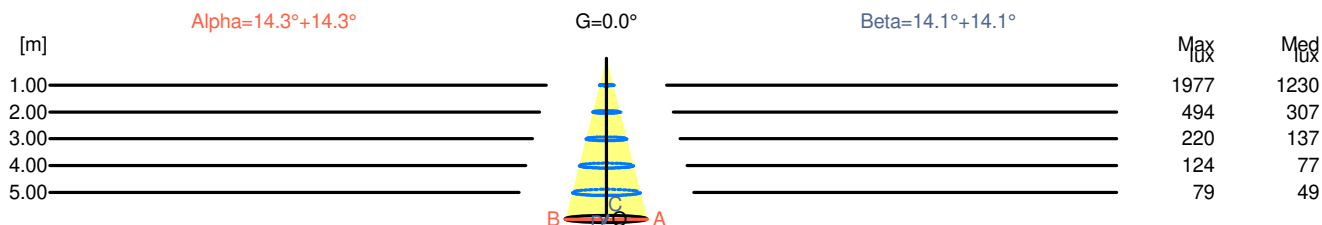
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Width at 50.00 % of Max Intensity

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	0.25	0.51	0.76	1.02	1.27	OC	0.25	0.50	0.76	1.01	1.26
OB	0.25	0.51	0.76	1.02	1.27	OD	0.25	0.50	0.76	1.01	1.26

	0	5	15	25	35	45	55	65	75	85
OA	1976.66	1827.17	925.64	404.06	127.14	7.97	1.75	0.68	0.00	0.00
OB	1976.66	1827.17	925.64	404.06	127.14	7.97	1.75	0.68	0.00	0.00
OC	1976.66	1824.64	909.60	407.27	129.57	8.65	1.75	0.00	0.39	0.39
OD	1976.66	1824.64	909.60	407.27	129.57	8.65	1.75	0.00	0.39	0.39



H[m]	D[m]	Max lux	Med lux	Alpha=14.3°+14.3°	G=0.0
1.00	0.51	1977	1230		
2.00	1.02	494	307		
3.00	1.53	220	137		
4.00	2.04	124	77		
5.00	2.54	79	49		

H[m]	D[m]	Max lux	Med lux	Beta=14.1°+14.1°	G=0.0
1.00	0.50	1977	1230		
2.00	1.01	494	307		
3.00	1.51	220	137		
4.00	2.01	124	77		
5.00	2.52	79	49		

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Source Flux	972 lm	Maximum value	2033.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	15.7	16.3	15.9	16.5	16.7	15.7	16.3	15.9	16.5	16.7
x=2H y=3H	15.6	16.2	15.9	16.4	16.6	15.6	16.1	15.8	16.4	16.6
x=2H y=4H	15.5	16.0	15.8	16.3	16.5	15.5	16.0	15.8	16.3	16.5
x=2H y=6H	15.4	15.9	15.7	16.2	16.5	15.4	15.9	15.7	16.2	16.5
x=2H y=8H	15.4	15.9	15.7	16.2	16.4	15.4	15.9	15.7	16.1	16.4
x=2H y=12H	15.4	15.8	15.7	16.1	16.4	15.3	15.8	15.7	16.1	16.4
x=4H y=2H	15.5	16.0	15.8	16.3	16.5	15.5	16.0	15.8	16.3	16.5
x=4H y=3H	15.4	15.8	15.7	16.1	16.4	15.3	15.8	15.7	16.1	16.4
x=4H y=4H	15.3	15.7	15.6	16.0	16.3	15.3	15.6	15.6	16.0	16.3
x=4H y=6H	15.2	15.5	15.6	15.9	16.3	15.2	15.5	15.6	15.9	16.3
x=4H y=8H	15.2	15.4	15.6	15.8	16.2	15.2	15.4	15.6	15.8	16.2
x=4H y=12H	15.1	15.4	15.6	15.8	16.2	15.1	15.4	15.5	15.8	16.2
x=8H y=4H	15.2	15.4	15.6	15.8	16.2	15.2	15.4	15.6	15.8	16.2
x=8H y=6H	15.1	15.3	15.5	15.7	16.2	15.1	15.3	15.5	15.7	16.1
x=8H y=8H	15.0	15.2	15.5	15.6	16.1	15.0	15.2	15.5	15.6	16.1
x=8H y=12H	15.0	15.1	15.5	15.6	16.1	15.0	15.1	15.4	15.6	16.0
x=12H y=4H	15.1	15.4	15.6	15.8	16.2	15.1	15.4	15.5	15.7	16.2
x=12H y=6H	15.0	15.2	15.5	15.6	16.1	15.0	15.2	15.5	15.6	16.1
x=12H y=8H	15.0	15.1	15.5	15.6	16.1	15.0	15.1	15.4	15.6	16.0

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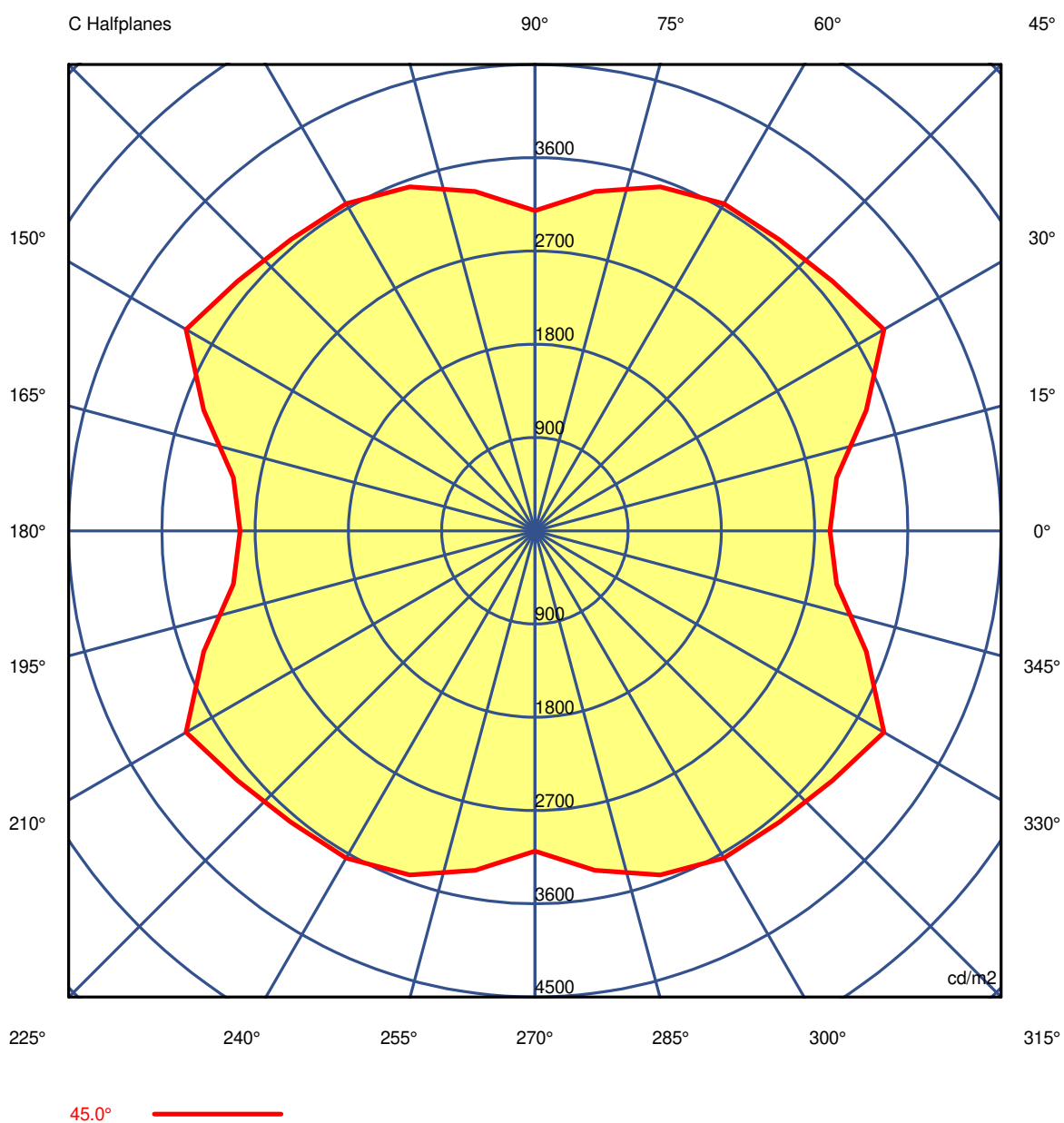
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Luminaire Flux	755 lm	Luminaire Power	6.5 W	Efficacy	115.382 lm/W	Efficiency	77.63%
Source Flux	972 lm	Maximum value	2033.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Luminaire Flux	755 lm	Luminaire Power		6.5 W		Efficacy		115.382 lm/W		Efficiency		77.63%	
Source Flux	972 lm	Maximum value		2033.60 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
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	499258	499258	499258	499258	499258	499258	499258	499258	499258	499258	499258	499258	499258
G 5.0	463262	462262	462292	462868	462603	462515	462696	462754	462685	462622	462685	462754	462696
G 10.0	360651	361952	362775	363193	363558	363219	362470	362421	362313	361922	362313	362421	362470
G 15.0	242041	243198	243024	241889	241275	240430	239220	238471	238091	237848	238091	238471	239220
G 20.0	162321	163236	164039	164960	166069	165574	163340	161145	159869	159421	159869	161145	163340
G 25.0	112607	114100	115850	117401	117974	118267	117997	116184	114438	113501	114438	116184	117997
G 30.0	92217	92577	93766	96753	99446	98897	95619	93186	92387	92699	92387	93186	95619
G 35.0	39202	45919	54218	62818	68071	68197	62848	53546	45371	39951	45371	53546	62848
G 40.0	7371	9548	16710	23203	19130	18854	22594	16293	9610	7980	9610	16293	22594
G 45.0	2847	2957	3402	3889	3750	3669	3646	3535	3327	3090	3327	3535	3646
G 50.0	1222	1222	1298	1413	1284	1225	1299	1257	1222	1222	1222	1257	1299
G 55.0	770	653	553	514	568	599	599	599	640	770	640	599	599
G 60.0	344	344	344	344	344	344	344	344	344	344	344	344	344
G 65.0	407	265	232	232	74	0	0	0	0	0	0	0	0
G 70.0	0	0	0	0	0	0	0	0	67	287	67	0	0
G 75.0	0	0	0	0	0	0	0	0	89	379	89	0	0
G 80.0	0	0	0	0	226	226	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	264	1127	264	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	972 lm	Maximum value		2033.60 cd/klm	Position	C=0.00 G=0.00		CG	Double Symmetrical				
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	499258	499258	499258	499258	499258	499258	499258	499258	499258	499258	499258	499258	499258
G 5.0	462515	462603	462868	462292	462262	463262	462262	462292	462868	462603	462515	462696	462754
G 10.0	363219	363558	363193	362775	361952	360651	361952	362775	363193	363558	363219	362470	362421
G 15.0	240430	241275	241889	243024	243198	242041	243198	243024	241889	241275	240430	239220	238471
G 20.0	165574	166069	164960	164039	163236	162321	163236	164039	164960	166069	165574	163340	161145
G 25.0	118267	117974	117401	115850	114100	112607	114100	115850	117401	117974	118267	117997	116184
G 30.0	98897	99446	96753	93766	92577	92217	92577	93766	96753	99446	98897	95619	93186
G 35.0	68197	68071	62818	54218	45919	39202	45919	54218	62818	68071	68197	62848	53546
G 40.0	18854	19130	23203	16710	9548	7371	9548	16710	23203	19130	18854	22594	16293
G 45.0	3669	3750	3889	3402	2957	2847	2957	3402	3889	3750	3669	3646	3535
G 50.0	1225	1284	1413	1298	1222	1222	1222	1298	1413	1284	1225	1299	1257
G 55.0	599	568	514	553	653	770	653	553	514	568	599	599	599
G 60.0	344	344	344	344	344	344	344	344	344	344	344	344	344
G 65.0	0	74	232	232	265	407	265	232	232	74	0	0	0
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	226	226	0	0	0	0	0	0	0	226	226	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	499258	499258	499258	499258	499258	499258	499258	499258	499258	499258
G 5.0	462685	462622	462685	462754	462696	462515	462603	462868	462292	462262
G 10.0	362313	361922	362313	362421	362470	363219	363558	363193	362775	361952
G 15.0	238091	237848	238091	238471	239220	240430	241275	241889	243024	243198
G 20.0	159869	159421	159869	161145	163340	165574	166069	164960	164039	163236
G 25.0	114438	113501	114438	116184	117997	118267	117974	117401	115850	114100
G 30.0	92387	92699	92387	93186	95619	98897	99446	96753	93766	92577
G 35.0	45371	39951	45371	53546	62848	68197	68071	62818	54218	45919
G 40.0	9610	7980	9610	16293	22594	18854	19130	23203	16710	9548
G 45.0	3327	3090	3327	3535	3646	3669	3750	3889	3402	2957
G 50.0	1222	1222	1222	1257	1299	1225	1284	1413	1298	1222
G 55.0	640	770	640	599	599	599	568	514	553	653
G 60.0	344	344	344	344	344	344	344	344	344	344
G 65.0	0	0	0	0	0	0	74	232	232	265
G 70.0	67	287	67	0	0	0	0	0	0	0
G 75.0	89	379	89	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	226	226	0	0	0
G 85.0	264	1127	264	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0