

Luminaire

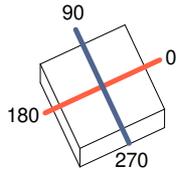
Code 90766L00L
Name FESAL SQ IP Q105 PB TRANSP. 940 35° LO

Measurement

Code 45036
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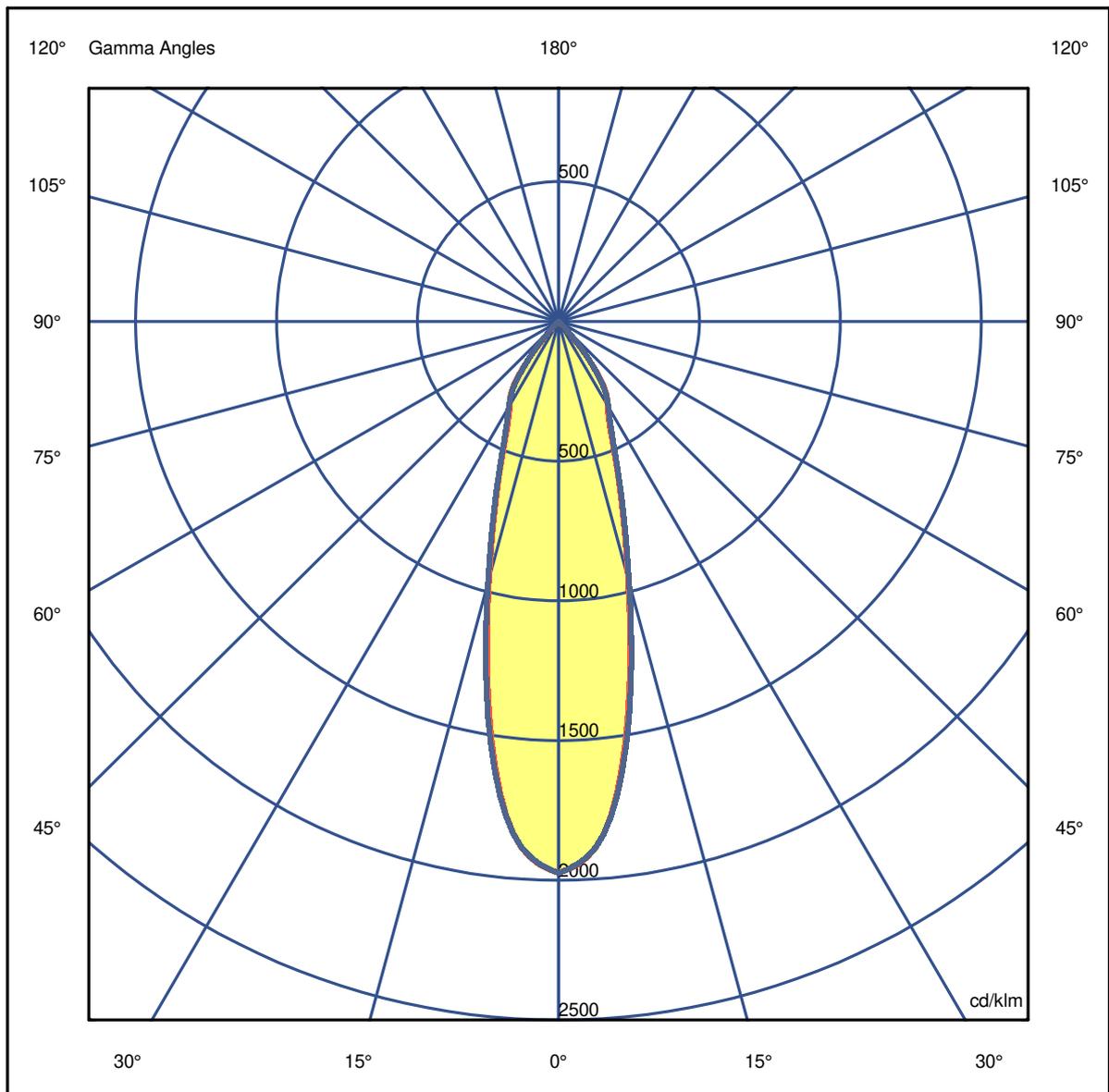
Luminaire Flux	800 lm	Luminaire Power	6.5 W	Efficacy	122.352 lm/W	Efficiency	76.43%
Source Flux	1047 lm	Maximum value	1974.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

105mm x 105mm



C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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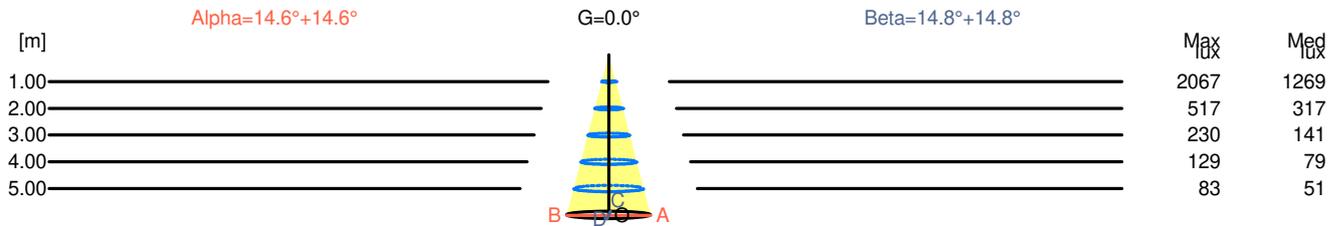
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Width at 50.00 % of Max Intensity

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	0.26	0.52	0.78	1.04	1.30	OC	0.26	0.53	0.79	1.06	1.32
OB	0.26	0.52	0.78	1.04	1.30	OD	0.26	0.53	0.79	1.06	1.32

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2066.88	1926.48	995.07	458.17	286.67	13.09	1.36	0.00	0.00	0.00
OB	2066.88	1926.48	995.07	458.17	286.67	13.09	1.36	0.00	0.00	0.00
OC	2066.88	1927.42	1014.44	469.79	276.83	21.78	1.68	0.00	0.00	0.00
OD	2066.88	1927.42	1014.44	469.79	276.83	21.78	1.68	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=14.6°+14.6°	G=0.0
1.00	0.52	2067	1269		
2.00	1.04	517	317		
3.00	1.56	230	141		
4.00	2.08	129	79		
5.00	2.60	83	51		

H[m]	D[m]	Max lux	Med lux	Beta=14.8°+14.8°	G=0.0
1.00	0.53	2067	1269		
2.00	1.06	517	317		
3.00	1.58	230	141		
4.00	2.11	129	79		
5.00	2.64	83	51		

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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	Lateral View					Viewed Endwise				
x=2H y=2H	16.2	16.9	16.5	17.0	17.2	16.3	16.9	16.5	17.1	17.3
x=2H y=3H	16.1	16.7	16.4	16.9	17.1	16.2	16.8	16.4	17.0	17.2
x=2H y=4H	16.0	16.5	16.3	16.8	17.0	16.1	16.6	16.4	16.9	17.1
x=2H y=6H	15.9	16.4	16.2	16.7	17.0	16.0	16.5	16.3	16.8	17.1
x=2H y=8H	15.9	16.4	16.2	16.7	17.0	16.0	16.5	16.3	16.8	17.0
x=2H y=12H	15.8	16.3	16.2	16.6	16.9	15.9	16.4	16.3	16.7	17.0
x=4H y=2H	16.0	16.5	16.3	16.8	17.0	16.1	16.6	16.4	16.9	17.1
x=4H y=3H	15.8	16.3	16.2	16.6	16.9	15.9	16.4	16.3	16.7	17.0
x=4H y=4H	15.8	16.2	16.2	16.5	16.9	15.9	16.3	16.2	16.6	16.9
x=4H y=6H	15.7	16.0	16.1	16.4	16.8	15.8	16.1	16.2	16.5	16.9
x=4H y=8H	15.7	16.0	16.1	16.3	16.7	15.8	16.0	16.2	16.4	16.8
x=4H y=12H	15.6	15.9	16.1	16.3	16.7	15.7	16.0	16.1	16.4	16.8
x=8H y=4H	15.7	16.0	16.1	16.3	16.7	15.8	16.0	16.2	16.4	16.8
x=8H y=6H	15.6	15.8	16.0	16.2	16.7	15.7	15.9	16.1	16.3	16.7
x=8H y=8H	15.5	15.7	16.0	16.1	16.6	15.6	15.8	16.1	16.2	16.7
x=8H y=12H	15.5	15.6	16.0	16.1	16.6	15.6	15.7	16.0	16.2	16.7
x=12H y=4H	15.6	15.9	16.1	16.3	16.7	15.7	16.0	16.1	16.4	16.8
x=12H y=6H	15.5	15.7	16.0	16.1	16.6	15.6	15.8	16.1	16.2	16.7
x=12H y=8H	15.5	15.6	16.0	16.1	16.6	15.6	15.7	16.0	16.2	16.7

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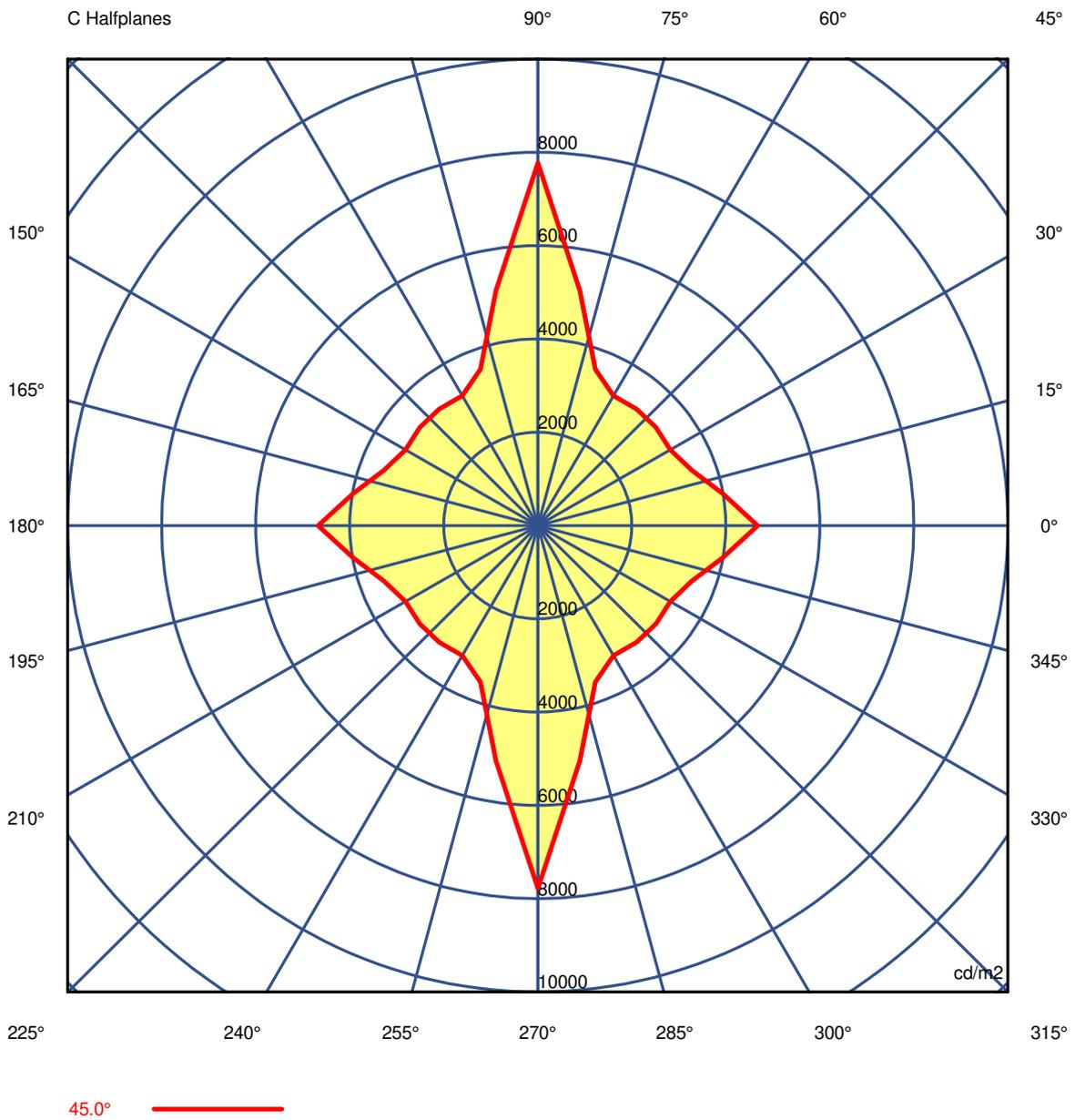
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Luminaire Flux	800 lm	Luminaire Power	6.5 W	Efficacy	122.352 lm/W	Efficiency	76.43%
Source Flux	1047 lm	Maximum value	1974.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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Source Flux	1047 lm	Maximum value	1974.10 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	522047	522047	522047	522047	522047	522047	522047	522047	522047	522047	522047	522047	522047
G 5.0	488443	487904	488278	489106	488947	488728	488708	488974	489010	488682	489010	488974	488708
G 10.0	380852	380942	381067	381228	383033	383609	383538	385926	387435	386679	387435	385926	383538
G 15.0	260197	259814	258845	257761	258853	258779	258336	261691	264666	265262	264666	261691	258336
G 20.0	178139	177388	175194	171131	169675	169771	171807	177221	180230	181375	180230	177221	171807
G 25.0	127686	125809	122165	118436	118090	118327	119545	124875	129361	130924	129361	124875	119545
G 30.0	105471	104555	101236	93592	88196	89012	94997	101215	105408	107730	105408	101215	94997
G 35.0	88391	77353	59592	40354	32586	33044	41742	61579	77870	85357	77870	61579	41742
G 40.0	37179	24425	14112	8423	8032	7261	8078	16658	28716	40735	28716	16658	8078
G 45.0	4675	3989	3480	3254	3275	3264	3216	3567	5122	7779	5122	3567	3216
G 50.0	1358	1423	1440	1440	1475	1463	1358	1243	1414	1892	1414	1243	1358
G 55.0	599	599	639	738	783	775	738	699	698	738	698	699	738
G 60.0	370	370	370	370	370	370	370	370	370	370	370	370	370
G 65.0	0	149	188	188	280	302	188	47	0	0	0	47	188
G 70.0	0	107	194	232	198	98	0	0	0	0	0	0	0
G 75.0	0	158	204	204	204	143	0	0	0	0	0	0	0
G 80.0	0	212	381	457	390	193	0	0	0	0	0	0	0
G 85.0	0	422	760	910	777	384	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 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	522047	522047	522047	522047	522047	522047	522047	522047	522047	522047	522047	522047	522047
G 5.0	488728	488947	489106	488278	487904	488443	487904	488278	489106	488947	488728	488708	488974
G 10.0	383609	383033	381228	381067	380942	380852	380942	381067	381228	383033	383609	383538	385926
G 15.0	258779	258853	257761	258845	259814	260197	259814	258845	257761	258853	258779	258336	261691
G 20.0	169771	169675	171131	175194	177388	178139	177388	175194	171131	169675	169771	171807	177221
G 25.0	118327	118090	118436	122165	125809	127686	125809	122165	118436	118090	118327	119545	124875
G 30.0	89012	88196	93592	101236	104555	105471	104555	101236	93592	88196	89012	94997	101215
G 35.0	33044	32586	40354	59592	77353	88391	77353	59592	40354	32586	33044	41742	61579
G 40.0	7261	8032	8423	14112	24425	37179	24425	14112	8423	8032	7261	8078	16658
G 45.0	3264	3275	3254	3480	3989	4675	3989	3480	3254	3275	3264	3216	3567
G 50.0	1463	1475	1440	1440	1423	1358	1423	1440	1475	1463	1463	1358	1243
G 55.0	775	783	738	639	599	599	599	639	783	775	775	738	699
G 60.0	370	370	370	370	370	370	370	370	370	370	370	370	370
G 65.0	302	280	188	188	149	0	149	188	280	302	302	188	47
G 70.0	98	198	232	194	107	0	107	194	232	198	98	0	0
G 75.0	143	204	204	204	158	0	158	204	204	204	143	0	0
G 80.0	193	390	457	381	212	0	212	381	457	390	193	0	0
G 85.0	384	777	910	760	422	0	422	760	910	777	384	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	522047	522047	522047	522047	522047	522047	522047	522047	522047	522047
G 5.0	489010	488682	489010	488974	488708	488728	488947	489106	488278	487904
G 10.0	387435	386679	387435	385926	383538	383609	383033	381228	381067	380942
G 15.0	264666	265262	264666	261691	258336	258779	258853	257761	258845	259814
G 20.0	180230	181375	180230	177221	171807	169771	169675	171131	175194	177388
G 25.0	129361	130924	129361	124875	119545	118327	118090	118436	122165	125809
G 30.0	105408	107730	105408	101215	94997	89012	88196	93592	101236	104555
G 35.0	77870	85357	77870	61579	41742	33044	32586	40354	59592	77353
G 40.0	28716	40735	28716	16658	8078	7261	8032	8423	14112	24425
G 45.0	5122	7779	5122	3567	3216	3264	3275	3254	3480	3989
G 50.0	1414	1892	1414	1243	1358	1463	1475	1440	1440	1423
G 55.0	698	738	698	699	738	775	783	738	639	599
G 60.0	370	370	370	370	370	370	370	370	370	370
G 65.0	0	0	0	47	188	302	280	188	188	149
G 70.0	0	0	0	0	0	98	198	232	194	107
G 75.0	0	0	0	0	0	143	204	204	204	158
G 80.0	0	0	0	0	0	193	390	457	381	212
G 85.0	0	0	0	0	0	384	777	910	760	422
G 90.0	0	0	0	0	0	0	0	0	0	0