

Luminaire

Code 90766L00L

Name FESAL SQ IP Q105 PB TRANSP. 940 60° LO

Measurem.

Code 45036

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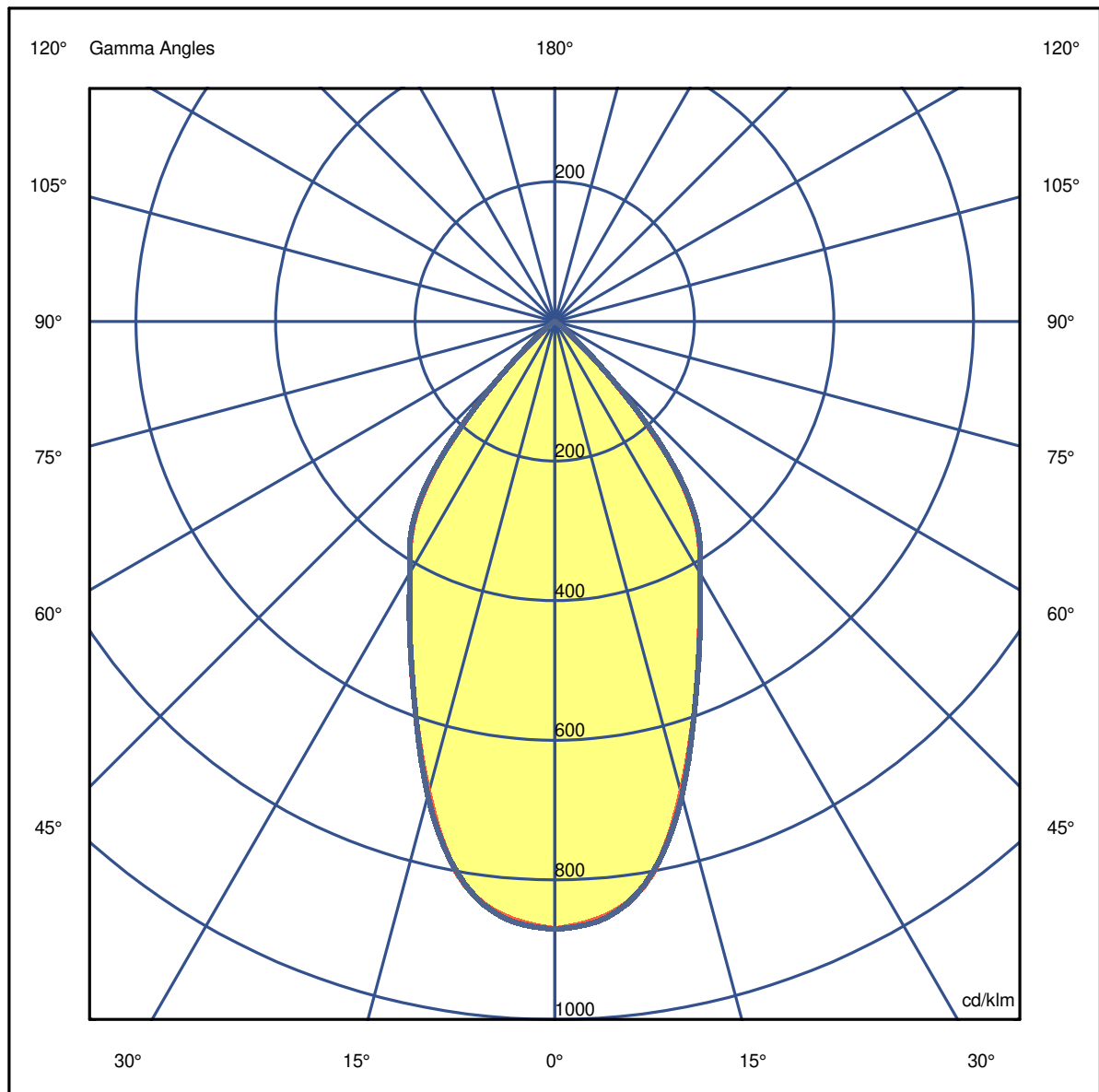
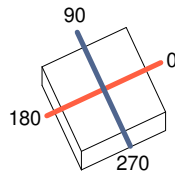
Luminaire Flux	816 lm	Luminaire Power	6.5 W	Efficacy	124.753 lm/W	Efficiency	77.93%
Source Flux	1047 lm	Maximum value	870.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

105mm x 105mm

C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0



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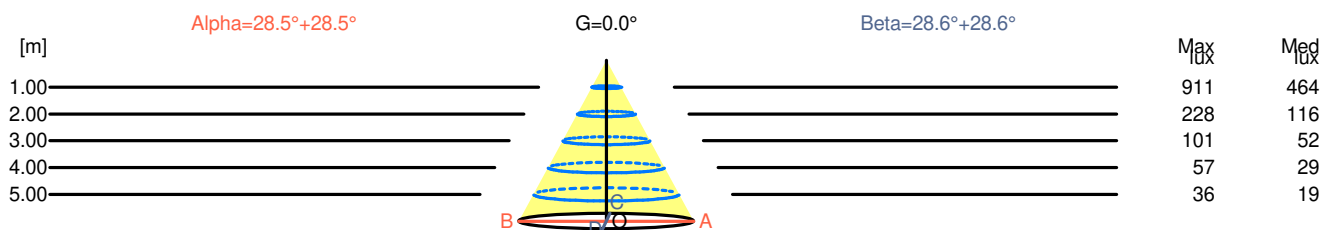
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Width at 50.00 % of Max Intensity

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	0.54	1.09	1.63	2.17	2.72	OC	0.54	1.09	1.63	2.18	2.72
OB	0.54	1.09	1.63	2.17	2.72	OD	0.54	1.09	1.63	2.18	2.72

	0	5	15	25	35	45	55	65	75	85
OA	911.20	893.93	731.43	514.18	370.85	113.29	8.27	0.73	0.00	0.00
OB	911.20	893.93	731.43	514.18	370.85	113.29	8.27	0.73	0.00	0.00
OC	911.20	897.07	736.25	515.12	372.63	113.60	9.32	0.73	0.00	0.00
OD	911.20	897.07	736.25	515.12	372.63	113.60	9.32	0.73	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=28.5°+28.5°	G=0.0
1.00	1.09	911	464		
2.00	2.17	228	116		
3.00	3.26	101	52		
4.00	4.35	57	29		
5.00	5.44	36	19		

H[m]	D[m]	Max lux	Med lux	Beta=28.6°+28.6°	G=0.0
1.00	1.09	911	464		
2.00	2.18	228	116		
3.00	3.27	101	52		
4.00	4.36	57	29		
5.00	5.45	36	19		

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Source Flux	1047 lm	Maximum value	870.30 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	20.7	21.4	21.0	21.6	21.8	20.7	21.4	21.0	21.7	21.9
x=2H y=3H	20.6	21.2	20.9	21.4	21.7	20.6	21.3	20.9	21.5	21.7
x=2H y=4H	20.5	21.1	20.8	21.4	21.6	20.5	21.1	20.8	21.4	21.7
x=2H y=6H	20.4	21.0	20.8	21.3	21.5	20.5	21.0	20.8	21.3	21.6
x=2H y=8H	20.4	20.9	20.7	21.2	21.5	20.4	21.0	20.8	21.3	21.5
x=2H y=12H	20.4	20.9	20.7	21.2	21.5	20.4	20.9	20.7	21.2	21.5
x=4H y=2H	20.5	21.1	20.8	21.4	21.6	20.5	21.1	20.8	21.4	21.7
x=4H y=3H	20.4	20.9	20.7	21.2	21.5	20.4	20.9	20.8	21.2	21.5
x=4H y=4H	20.3	20.7	20.7	21.1	21.4	20.3	20.8	20.7	21.1	21.4
x=4H y=6H	20.2	20.6	20.6	20.9	21.3	20.2	20.6	20.6	21.0	21.4
x=4H y=8H	20.2	20.5	20.6	20.9	21.3	20.2	20.5	20.6	20.9	21.3
x=4H y=12H	20.1	20.4	20.6	20.8	21.2	20.2	20.4	20.6	20.8	21.3
x=8H y=4H	20.2	20.5	20.6	20.9	21.3	20.2	20.5	20.6	20.9	21.3
x=8H y=6H	20.1	20.3	20.5	20.8	21.2	20.1	20.4	20.6	20.8	21.2
x=8H y=8H	20.0	20.3	20.5	20.7	21.2	20.1	20.3	20.5	20.7	21.2
x=8H y=12H	20.0	20.2	20.5	20.6	21.1	20.0	20.2	20.5	20.7	21.1
x=12H y=4H	20.1	20.4	20.6	20.8	21.2	20.2	20.4	20.6	20.8	21.3
x=12H y=6H	20.0	20.3	20.5	20.7	21.2	20.1	20.3	20.5	20.7	21.2
x=12H y=8H	20.0	20.2	20.5	20.6	21.1	20.0	20.2	20.5	20.7	21.1

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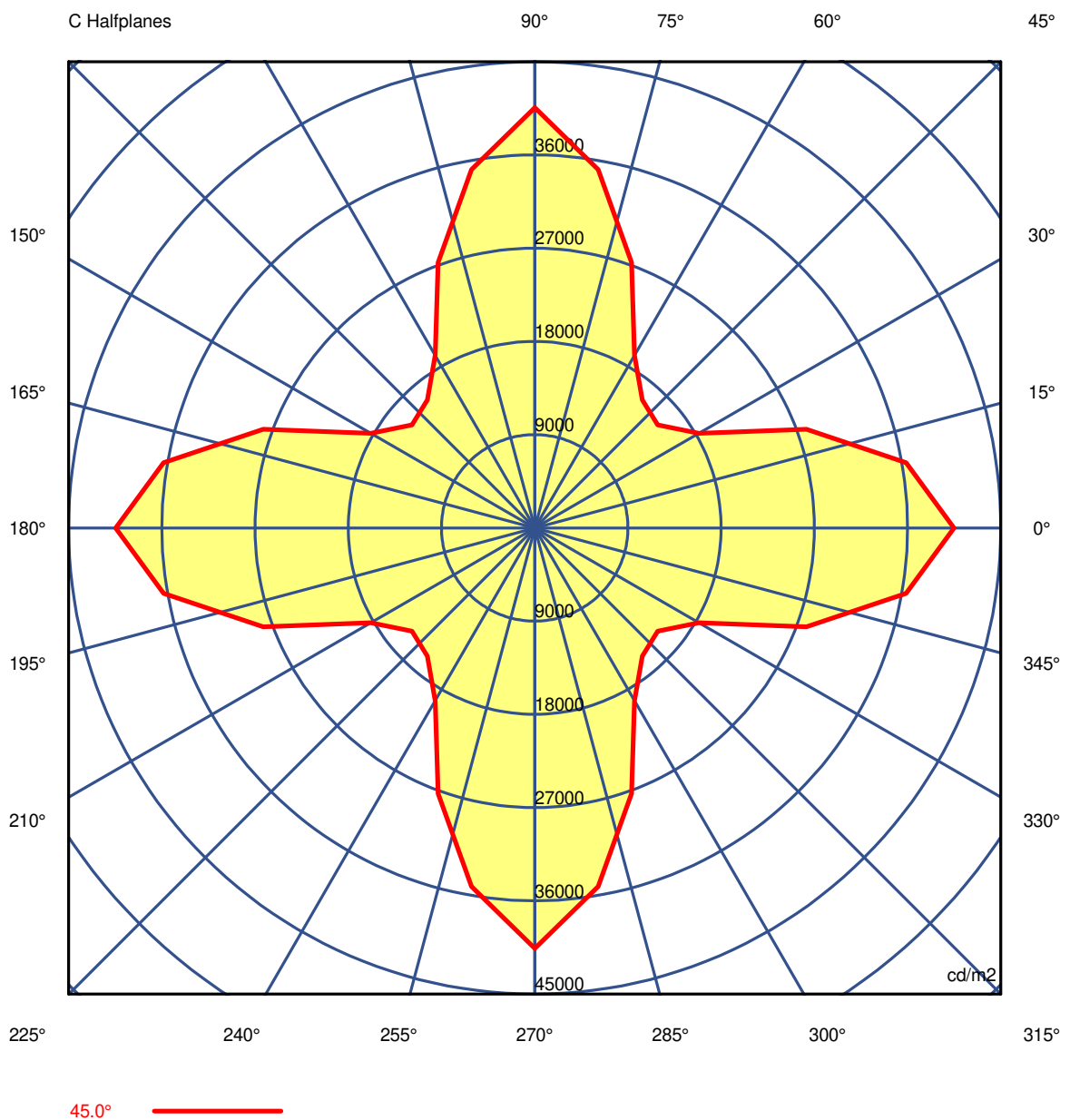
Measurem.

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Luminaire Flux	816 lm	Luminaire Power	6.5 W	Efficacy	124.753 lm/W	Efficiency	77.93%
Source Flux	1047 lm	Maximum value	870.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Source Flux		1047 lm		Maximum value		870.30 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	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149
G 5.0	226648	226601	226534	226648	227158	227508	227604	227820	227802	227444	227802	227820	227604	227802	227604
G 10.0	215869	215736	215561	215440	215507	215554	215628	215928	215930	215493	215930	215928	215628	215928	215628
G 15.0	191260	191530	191607	191644	192178	192492	192602	192626	192609	192520	192609	192626	192602	192609	192602
G 20.0	165137	165375	165470	165475	165538	165465	165362	165525	165465	165024	165465	165525	165362	165525	165362
G 25.0	143296	143526	143588	143588	143699	143714	143675	143833	143834	143559	143834	143833	143675	143833	143675
G 30.0	126846	126628	126470	126205	125691	125745	126449	127021	127156	126937	127156	127021	126449	127021	126449
G 35.0	114347	112548	109719	105921	102644	102647	106308	111159	114169	114896	114169	111159	106308	114169	106308
G 40.0	86165	80371	70687	58375	49587	49435	58134	70836	81018	87201	81018	70836	58134	87201	58134
G 45.0	40465	36392	27910	18288	15489	16139	19260	27275	35144	40577	35144	27275	19260	40577	19260
G 50.0	11108	11402	10604	8928	7722	7675	8804	10506	11708	12178	11708	10506	8804	12178	8804
G 55.0	3642	3327	2360	1153	794	902	1291	2196	3209	4103	3209	2196	1291	4103	1291
G 60.0	529	529	479	370	370	370	370	370	370	370	370	370	370	370	370
G 65.0	438	231	207	313	313	313	313	400	438	438	438	400	313	438	313
G 70.0	0	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	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	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	0	0

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Source Flux	1047 lm		Maximum value		870.30 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	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149	
G 5.0	227508	227158	226648	226534	226601	226648	226601	226534	226648	227158	227508	227604	227820	
G 10.0	215554	215507	215440	215561	215736	215869	215736	215561	215440	215507	215554	215628	215928	
G 15.0	192492	192178	191644	191607	191530	191260	191530	191607	191644	192178	192492	192602	192626	
G 20.0	165465	165538	165475	165470	165375	165137	165375	165470	165475	165538	165465	165362	165525	
G 25.0	143714	143699	143588	143588	143526	143296	143526	143588	143588	143699	143714	143675	143833	
G 30.0	125745	125691	126205	126470	126628	126846	126628	126470	126205	125691	125745	126449	127021	
G 35.0	102647	102644	105921	109719	112548	114347	112548	109719	105921	102644	102647	106308	111159	
G 40.0	49435	49587	58375	70687	80371	86165	80371	70687	58375	49587	49435	58134	70836	
G 45.0	16139	15489	18288	27910	36392	40465	36392	27910	18288	15489	16139	19260	27275	
G 50.0	7675	7722	8928	10604	11402	11108	11402	10604	8928	7722	7675	8804	10506	
G 55.0	902	794	1153	2360	3327	3642	3327	2360	1153	794	902	1291	2196	
G 60.0	370	370	370	479	529	529	529	479	370	370	370	370	370	
G 65.0	313	313	313	207	231	438	231	207	313	313	313	313	400	
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	0	0	0	0	0	0	0	0	0	0	0	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	230149	230149	230149	230149	230149	230149	230149	230149	230149	230149
G 5.0	227802	227444	227802	227820	227604	227508	227158	226648	226534	226601
G 10.0	215930	215493	215930	215928	215628	215554	215507	215440	215561	215736
G 15.0	192609	192520	192609	192626	192602	192492	192178	191644	191607	191530
G 20.0	165465	165024	165465	165525	165362	165465	165538	165475	165470	165375
G 25.0	143834	143559	143834	143833	143675	143714	143699	143588	143588	143526
G 30.0	127156	126937	127156	127021	126449	125745	125691	126205	126470	126628
G 35.0	114169	114896	114169	111159	106308	102647	102644	105921	109719	112548
G 40.0	81018	87201	81018	70836	58134	49435	49587	58375	70687	80371
G 45.0	35144	40577	35144	27275	19260	16139	15489	18288	27910	36392
G 50.0	11708	12178	11708	10506	8804	7675	7722	8928	10604	11402
G 55.0	3209	4103	3209	2196	1291	902	794	1153	2360	3327
G 60.0	370	370	370	370	370	370	370	370	479	529
G 65.0	438	438	438	400	313	313	313	313	207	231
G 70.0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0