

Luminaire

Code 90689L240

Name ELI 50 SQ /C L240 PB 940 50° LO

Measurem.

Code 1/6/2022

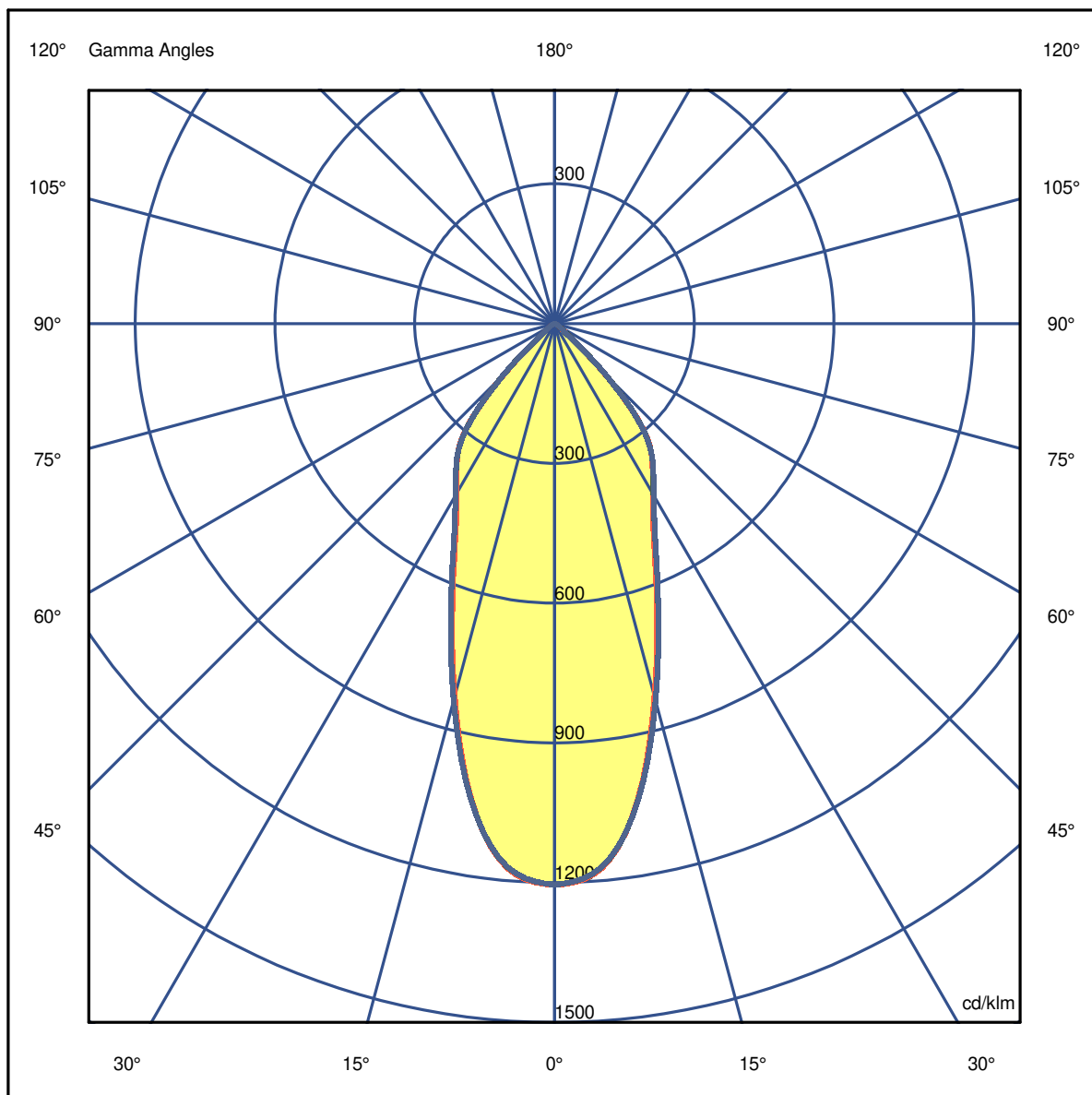
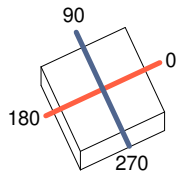
Name ELI 50 SQ /C L240 PB 940 50° LO

Luminaire Flux	725 lm	Luminaire Power	6.8 W	Efficacy	106.785 lm/W	Efficiency	95.15%
Source Flux	762 lm	Maximum value	1204.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

50mm x 50mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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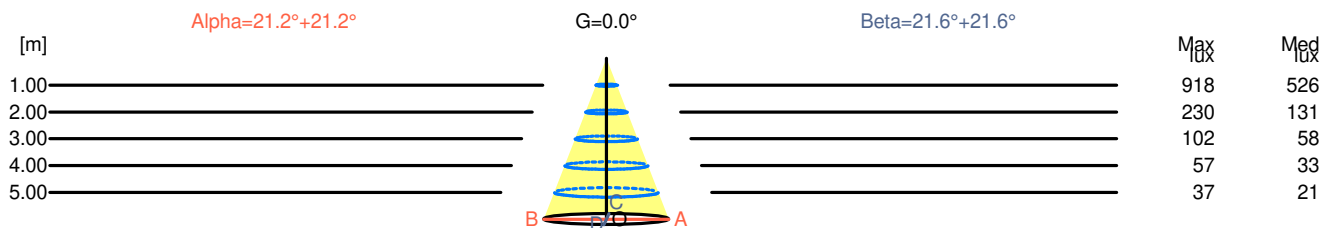
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Width at 50.00 % of Max Intensity

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	0.39	0.78	1.17	1.56	1.94	OC	0.40	0.79	1.19	1.58	1.98
OB	0.39	0.78	1.17	1.56	1.94	OD	0.40	0.79	1.19	1.58	1.98

	0	5	15	25	35	45	55	65	75	85
OA	918.06	893.29	631.32	383.90	278.82	116.51	11.05	4.11	0.69	0.38
OB	918.06	893.29	631.32	383.90	278.82	116.51	11.05	4.11	0.69	0.38
OC	918.06	891.54	637.87	389.76	280.49	118.57	12.04	4.50	0.69	0.38
OD	918.06	891.54	637.87	389.76	280.49	118.57	12.04	4.50	0.69	0.38



H[m]	D[m]	Max lux	Med lux	Alpha=21.2°+21.2°	G=0.0
1.00	0.78	918	526		
2.00	1.56	230	131		
3.00	2.33	102	58		
4.00	3.11	57	33		
5.00	3.89	37	21		

H[m]	D[m]	Max lux	Med lux	Beta=21.6°+21.6°	G=0.0
1.00	0.79	918	526		
2.00	1.58	230	131		
3.00	2.37	102	58		
4.00	3.16	57	33		
5.00	3.95	37	21		

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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	20.6	21.3	20.8	21.6	21.8	20.6	21.4	20.9	21.6	21.8
x=2H y=3H	20.4	21.1	20.7	21.4	21.6	20.5	21.2	20.8	21.4	21.6
x=2H y=4H	20.4	21.0	20.7	21.3	21.5	20.4	21.1	20.7	21.3	21.6
x=2H y=6H	20.3	20.9	20.6	21.2	21.5	20.3	20.9	20.7	21.2	21.5
x=2H y=8H	20.2	20.8	20.6	21.1	21.4	20.3	20.9	20.6	21.2	21.5
x=2H y=12H	20.2	20.8	20.6	21.1	21.4	20.3	20.8	20.6	21.1	21.4
x=4H y=2H	20.4	21.0	20.7	21.3	21.5	20.4	21.1	20.7	21.3	21.6
x=4H y=3H	20.2	20.8	20.6	21.1	21.4	20.3	20.8	20.6	21.1	21.4
x=4H y=4H	20.2	20.6	20.5	21.0	21.3	20.2	20.7	20.6	21.0	21.3
x=4H y=6H	20.1	20.5	20.5	20.9	21.2	20.1	20.5	20.5	20.9	21.3
x=4H y=8H	20.0	20.4	20.5	20.8	21.2	20.1	20.4	20.5	20.8	21.2
x=4H y=12H	20.0	20.3	20.4	20.7	21.1	20.1	20.4	20.5	20.8	21.2
x=8H y=4H	20.0	20.4	20.5	20.8	21.2	20.1	20.4	20.5	20.8	21.2
x=8H y=6H	20.0	20.2	20.4	20.7	21.1	20.0	20.3	20.4	20.7	21.1
x=8H y=8H	19.9	20.1	20.4	20.6	21.1	20.0	20.2	20.4	20.6	21.1
x=8H y=12H	19.9	20.1	20.4	20.5	21.0	19.9	20.1	20.4	20.6	21.1
x=12H y=4H	20.0	20.3	20.4	20.7	21.1	20.1	20.4	20.5	20.8	21.2
x=12H y=6H	19.9	20.1	20.4	20.6	21.1	20.0	20.2	20.4	20.6	21.1
x=12H y=8H	19.9	20.1	20.4	20.5	21.0	19.9	20.1	20.4	20.6	21.1

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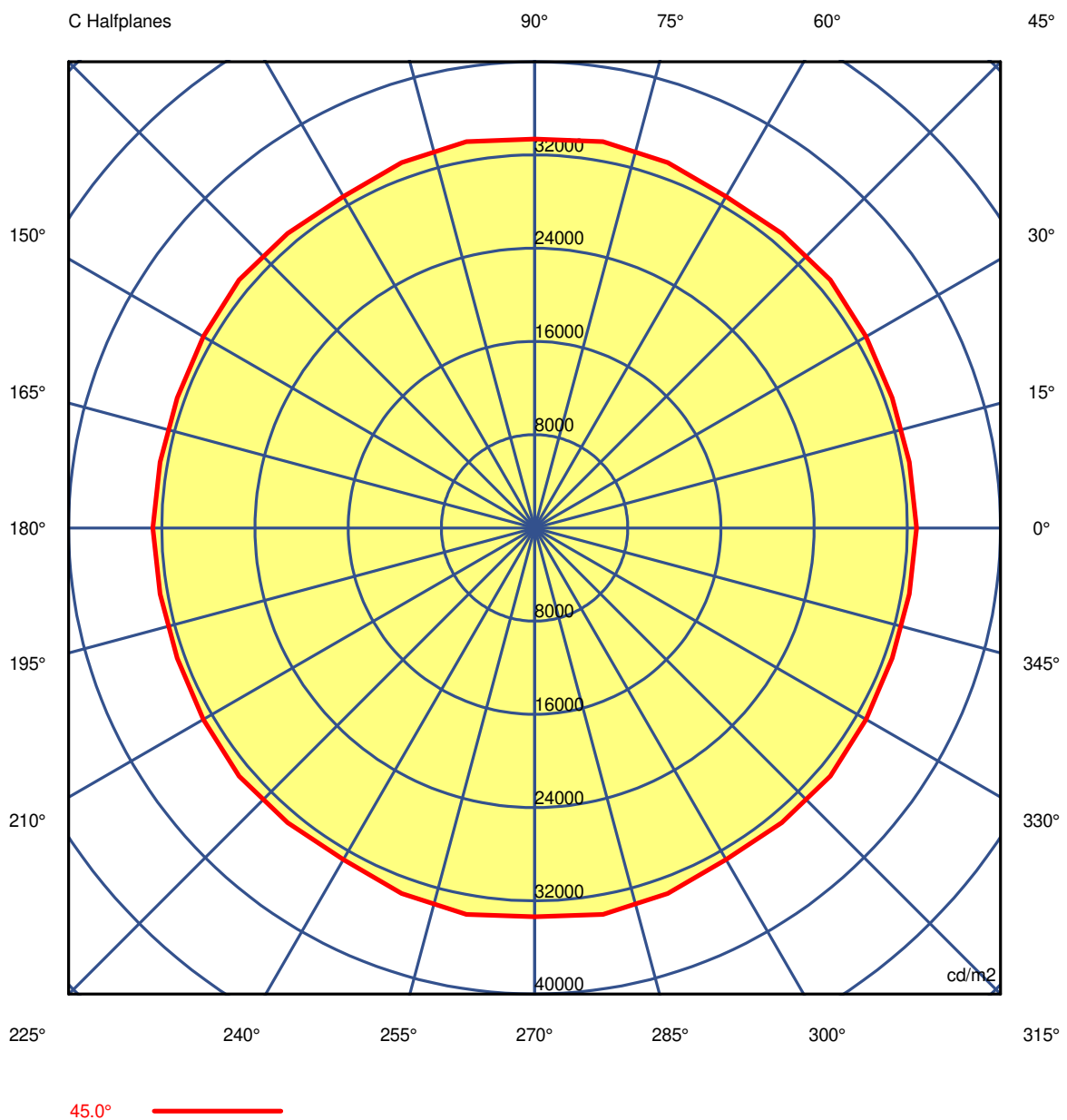
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Luminaire Flux	725 lm	Luminaire Power	6.8 W	Efficacy	106.785 lm/W	Efficiency	95.15%
Source Flux	762 lm	Maximum value	1204.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Luminaire Flux	725 lm		Luminaire Power		6.8 W		Efficacy	106.785 lm/W		Efficiency		95.15%	
Source Flux	762 lm		Maximum value		1204.80 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	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157
G 5.0	443303	443076	443300	443719	443578	442953	442546	443002	443113	442433	443113	443002	442546
G 10.0	345557	346748	348065	348699	347620	346584	346660	347319	347281	346292	347281	347319	346660
G 15.0	249795	249557	250126	251272	251869	251348	250790	251859	252676	252388	252676	251859	250790
G 20.0	177478	177478	177580	178142	179151	179469	179469	180411	180812	180105	180812	180411	179469
G 25.0	129572	129439	129754	130420	130899	131045	131166	131651	131851	131552	131851	131651	131166
G 30.0	102044	102060	102119	102310	102587	102759	102843	103008	103052	102915	103052	103008	102843
G 35.0	84279	84240	84242	84325	84496	84639	84740	84867	84891	84786	84891	84867	84740
G 40.0	65650	65599	65513	65451	65485	65405	65251	65277	65273	65141	65273	65277	65251
G 45.0	32790	32643	32649	32855	33120	33012	32855	33380	33675	33369	33675	33380	32855
G 50.0	6456	6493	6487	6435	6372	6351	6351	6351	6326	6246	6326	6351	6351
G 55.0	2994	3137	3195	3221	3329	3360	3304	3316	3316	3263	3316	3316	3304
G 60.0	1948	2053	2115	2132	2147	2217	2276	2207	2172	2235	2172	2207	2276
G 65.0	1108	1180	1234	1251	1226	1202	1210	1242	1246	1210	1246	1242	1210
G 70.0	558	558	558	558	558	558	558	558	558	558	558	558	558
G 75.0	189	189	202	231	231	231	231	231	221	189	221	231	231
G 80.0	194	194	194	194	194	194	194	161	155	194	155	161	194
G 85.0	111	141	169	156	68	59	111	67	48	111	48	67	111
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	762 lm		Maximum value		1204.80 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	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157
G 5.0	442953	443578	443719	443300	443076	443303	443076	443300	443719	443578	442953	442546	443002	443002
G 10.0	346584	347620	348699	348065	346748	345557	346748	348065	348699	347620	346584	346660	347319	347319
G 15.0	251348	251869	251272	250126	249557	249795	249557	250126	251272	251869	251348	250790	251859	251859
G 20.0	179469	179151	178142	177580	177478	177478	177478	177580	178142	179151	179469	179469	180411	180411
G 25.0	131045	130899	130420	129754	129439	129572	129439	129754	130420	130899	131045	131166	131651	131651
G 30.0	102759	102587	102310	102119	102060	102044	102060	102119	102310	102587	102759	102843	103008	103008
G 35.0	84639	84496	84325	84242	84240	84279	84240	84242	84325	84496	84639	84740	84867	84867
G 40.0	65405	65485	65451	65513	65599	65650	65599	65513	65451	65485	65405	65251	65277	65277
G 45.0	33012	33120	32855	32649	32643	32790	32643	32649	32855	33120	33012	32855	33380	33380
G 50.0	6351	6372	6435	6487	6493	6456	6493	6487	6435	6372	6351	6351	6351	6351
G 55.0	3360	3329	3221	3195	3137	2994	3137	3195	3221	3329	3360	3304	3316	3316
G 60.0	2217	2147	2132	2115	2053	1948	2053	2115	2132	2147	2217	2276	2207	2207
G 65.0	1202	1226	1251	1234	1180	1108	1180	1234	1251	1226	1202	1210	1242	1242
G 70.0	558	558	558	558	558	558	558	558	558	558	558	558	558	558
G 75.0	231	231	231	202	189	189	189	202	231	231	231	231	231	231
G 80.0	194	194	194	194	194	194	194	194	194	194	194	194	194	161
G 85.0	59	68	156	169	141	111	141	169	156	68	59	111	67	67
G 90.0	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	529157	529157	529157	529157	529157	529157	529157	529157	529157	529157
G 5.0	443113	442433	443113	443002	442546	442953	443578	443719	443300	443076
G 10.0	347281	346292	347281	347319	346660	346584	347620	348699	348065	346748
G 15.0	252676	252388	252676	251859	250790	251348	251869	251272	250126	249557
G 20.0	180812	180105	180812	180411	179469	179469	179151	178142	177580	177478
G 25.0	131851	131552	131851	131651	131166	131045	130899	130420	129754	129439
G 30.0	103052	102915	103052	103008	102843	102759	102587	102310	102119	102060
G 35.0	84891	84786	84891	84867	84740	84639	84496	84325	84242	84240
G 40.0	65273	65141	65273	65277	65251	65405	65485	65451	65513	65599
G 45.0	33675	33369	33675	33380	32855	33012	33120	32855	32649	32643
G 50.0	6326	6246	6326	6351	6351	6351	6372	6435	6487	6493
G 55.0	3316	3263	3316	3316	3304	3360	3329	3221	3195	3137
G 60.0	2172	2235	2172	2207	2276	2217	2147	2132	2115	2053
G 65.0	1246	1210	1246	1242	1210	1202	1226	1251	1234	1180
G 70.0	558	558	558	558	558	558	558	558	558	558
G 75.0	221	189	221	231	231	231	231	231	202	189
G 80.0	155	194	155	161	194	194	194	194	194	194
G 85.0	48	111	48	67	111	59	68	156	169	141
G 90.0	0	0	0	0	0	0	0	0	0	0