

**Luminaire**

Code 90648L150

Name ELI SQ /W L150 PB 940 35° HO

**Measurem.**

Code 5/9/2023

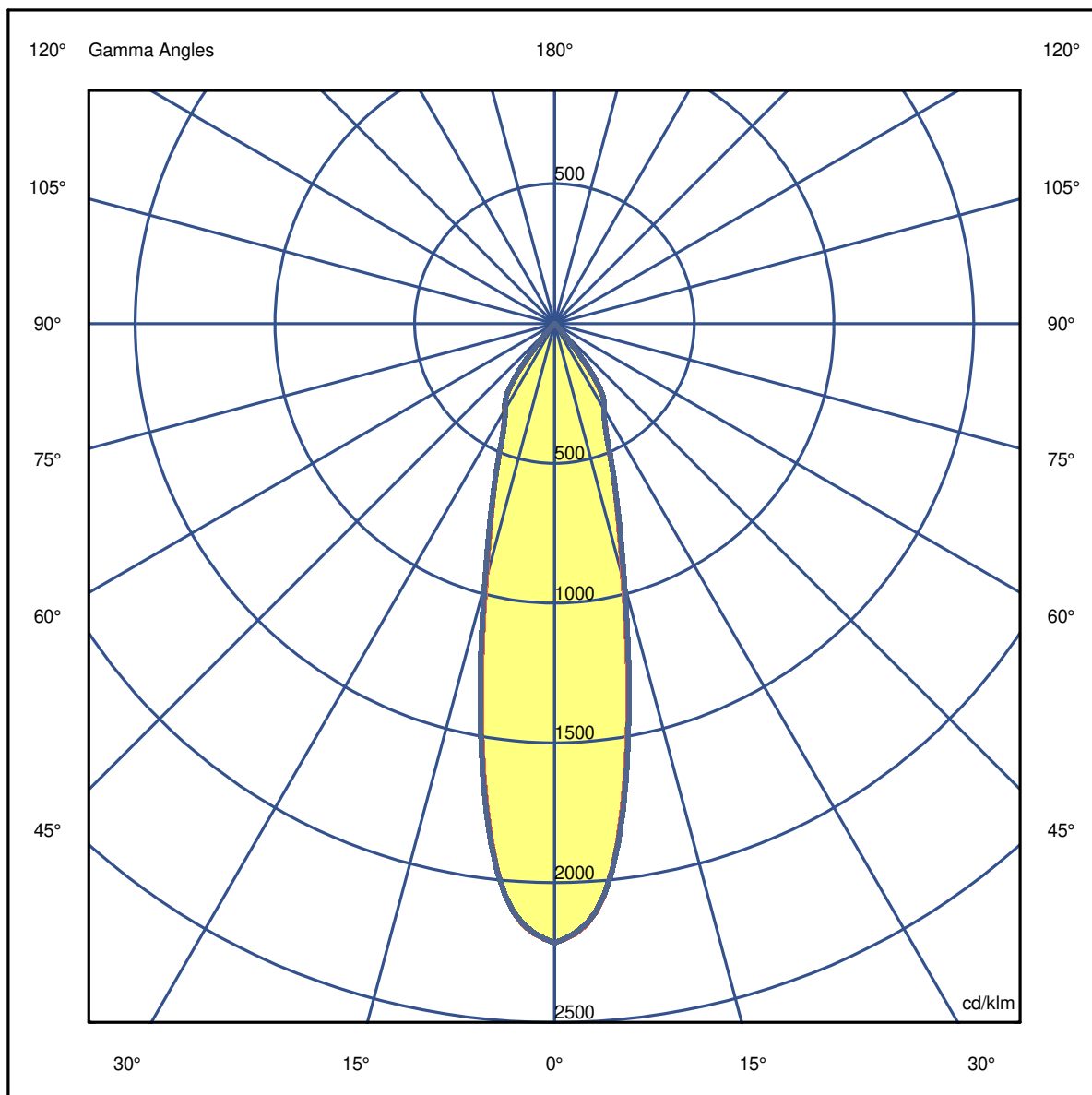
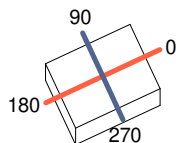
Name ELI SQ /W L150 PB 940 35° HO

Luminaire Flux	1159 lm	Luminaire Power	10.0 W	Efficacy	115.594 lm/W	Efficiency	85.88%
Source Flux	1350 lm	Maximum value	2214.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

80mm x 105mm

C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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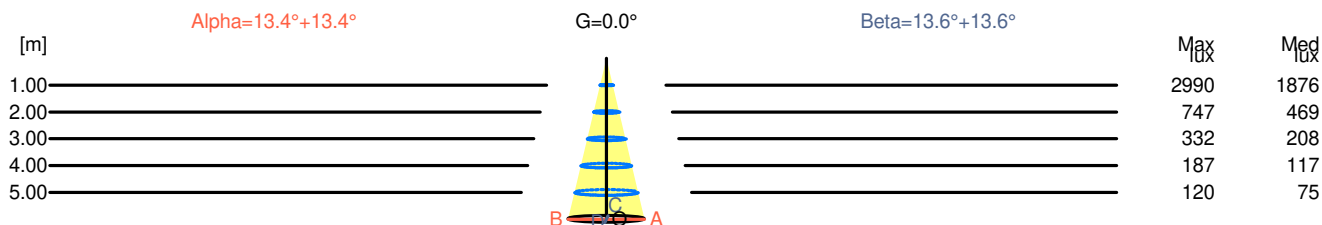
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Width at 50.00 % of Max Intensity

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	0.24	0.48	0.71	0.95	1.19	OC	0.24	0.48	0.72	0.97	1.21
OB	0.24	0.48	0.71	0.95	1.19	OD	0.24	0.48	0.72	0.97	1.21

	0	5	15	25	35	45	55	65	75	85
OA	2989.84	2766.28	1280.75	595.08	376.11	22.68	3.10	1.35	1.08	0.68
OB	2989.84	2766.28	1280.75	595.08	376.11	22.68	3.10	1.35	1.08	0.68
OC	2989.84	2765.74	1307.34	594.95	380.84	25.79	3.10	1.35	1.08	1.08
OD	2989.84	2765.74	1307.34	594.95	380.84	25.79	3.10	1.35	1.08	1.08



H[m]	D[m]	Max lux	Med lux	Alpha=13.4°+13.4°	G=0.0
1.00	0.48	2990	1876		
2.00	0.95	747	469		
3.00	1.43	332	208		
4.00	1.90	187	117		
5.00	2.38	120	75		

H[m]	D[m]	Max lux	Med lux	Beta=13.6°+13.6°	G=0.0
1.00	0.48	2990	1876		
2.00	0.97	747	469		
3.00	1.45	332	208		
4.00	1.93	187	117		
5.00	2.41	120	75		

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Source Flux	1350 lm	Maximum value	2214.70 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	16.4	16.0	16.6	16.8	15.8	16.4	16.0	16.6	16.8
x=2H y=3H	15.6	16.2	15.9	16.4	16.6	15.6	16.2	15.9	16.5	16.7
x=2H y=4H	15.5	16.1	15.8	16.3	16.6	15.6	16.1	15.9	16.4	16.6
x=2H y=6H	15.4	16.0	15.8	16.2	16.5	15.5	16.0	15.8	16.3	16.6
x=2H y=8H	15.4	15.9	15.7	16.2	16.5	15.4	15.9	15.8	16.2	16.5
x=2H y=12H	15.4	15.8	15.7	16.1	16.5	15.4	15.9	15.8	16.2	16.5
x=4H y=2H	15.5	16.1	15.8	16.3	16.6	15.6	16.1	15.9	16.4	16.6
x=4H y=3H	15.4	15.8	15.7	16.1	16.4	15.4	15.9	15.7	16.2	16.5
x=4H y=4H	15.3	15.7	15.7	16.0	16.4	15.3	15.7	15.7	16.1	16.4
x=4H y=6H	15.2	15.6	15.6	15.9	16.3	15.3	15.6	15.7	16.0	16.3
x=4H y=8H	15.2	15.5	15.6	15.9	16.3	15.2	15.5	15.6	15.9	16.3
x=4H y=12H	15.2	15.4	15.6	15.8	16.2	15.2	15.4	15.6	15.8	16.3
x=8H y=4H	15.2	15.5	15.6	15.9	16.3	15.2	15.5	15.6	15.9	16.3
x=8H y=6H	15.1	15.3	15.6	15.7	16.2	15.1	15.4	15.6	15.8	16.2
x=8H y=8H	15.1	15.2	15.5	15.7	16.1	15.1	15.3	15.6	15.7	16.2
x=8H y=12H	15.0	15.2	15.5	15.6	16.1	15.0	15.2	15.5	15.6	16.2
x=12H y=4H	15.1	15.4	15.6	15.8	16.2	15.2	15.4	15.6	15.8	16.3
x=12H y=6H	15.0	15.2	15.5	15.7	16.1	15.1	15.3	15.6	15.7	16.2
x=12H y=8H	15.0	15.2	15.5	15.6	16.1	15.0	15.2	15.5	15.6	16.1

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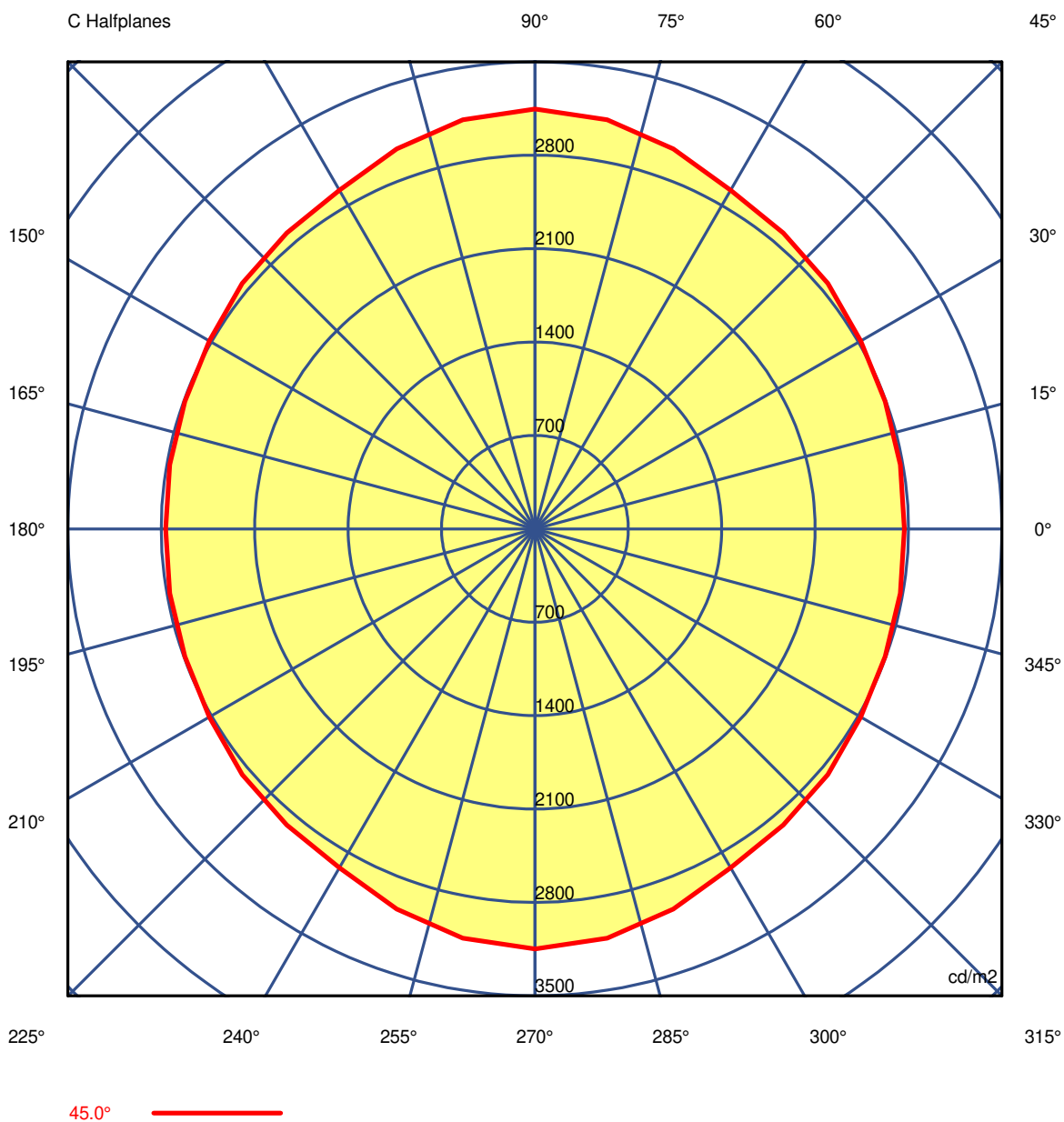
**Measurem.**

Code 5/9/2023

Name ELI SQ /W L150 PB 940 35° HO

Luminaire Flux	1159 lm	Luminaire Power	10.0 W	Efficacy	115.594 lm/W	Efficiency	85.88%
Source Flux	1350 lm	Maximum value	2214.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux		1159 lm		Luminaire Power		10.0 W		Efficacy		115.594 lm/W		Efficiency		85.88%	
Source Flux		1350 lm		Maximum value		2214.70 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	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063
G 5.0	527625	528041	527673	527059	527351	527023	526493	527713	528376	527522	528376	527713	526493	527625	528041
G 10.0	349879	351272	352533	353283	353336	354157	355335	354950	354151	353726	354151	354950	355335	353336	352533
G 15.0	203565	203823	204839	206526	206598	207455	209402	209235	208333	207792	208333	209235	209402	207455	206598
G 20.0	127115	127267	127452	127576	127749	128289	129057	128580	128156	128036	128156	128580	129057	127749	127576
G 25.0	83239	83040	83170	83446	83446	83585	83843	83577	83279	83220	83279	83577	83843	83446	83446
G 30.0	63757	63800	64024	64225	64036	63929	64009	63921	63791	63721	63791	63921	64009	64036	64225
G 35.0	48285	48397	48471	48493	48480	48481	48528	48623	48750	48892	48750	48623	48528	48480	48493
G 40.0	15416	15552	15832	16173	16356	16507	16611	16526	16516	16678	16516	16526	16611	16356	16173
G 45.0	2768	2779	2792	2818	2864	2895	2933	3032	3114	3147	3114	3032	2933	2864	2818
G 50.0	699	730	719	683	683	683	683	683	679	667	679	683	683	683	719
G 55.0	372	381	397	420	438	424	388	373	372	372	372	372	388	420	397
G 60.0	243	231	227	227	227	220	211	222	226	211	226	222	211	227	231
G 65.0	164	164	157	147	157	167	164	151	149	164	149	151	164	147	157
G 70.0	167	154	150	150	150	150	150	150	146	133	146	150	150	150	154
G 75.0	137	149	156	154	142	134	137	150	152	137	152	150	137	142	156
G 80.0	88	126	152	159	147	141	141	141	141	141	141	141	141	141	126
G 85.0	92	132	158	166	159	132	111	134	148	148	148	134	111	132	158
G 90.0	58	88	97	97	97	97	97	97	97	97	97	97	97	97	88

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Source Flux	1350 lm	Maximum value			2214.70 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	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063
G 5.0	527023	527351	527059	527673	528041	527625	528041	527673	527059	527351	527023	526493	527713
G 10.0	354157	353336	353283	352533	351272	349879	351272	352533	353283	353336	354157	355335	354950
G 15.0	207455	206598	206526	204839	203823	203565	203823	204839	206526	206598	207455	209402	209235
G 20.0	128289	127749	127576	127452	127267	127115	127267	127452	127576	127749	128289	129057	128580
G 25.0	83585	83446	83446	83170	83040	83239	83040	83170	83446	83446	83585	83843	83577
G 30.0	63929	64036	64225	64024	63800	63757	63800	64024	64225	64036	63929	64009	63921
G 35.0	48481	48480	48493	48471	48397	48285	48397	48471	48493	48480	48481	48528	48623
G 40.0	16507	16356	16173	15832	15552	15416	15552	15832	16173	16356	16507	16611	16526
G 45.0	2895	2864	2818	2792	2779	2768	2779	2792	2818	2864	2895	2933	3032
G 50.0	683	683	683	719	730	699	730	719	683	683	683	683	683
G 55.0	424	438	420	397	381	372	381	397	420	438	424	388	373
G 60.0	220	227	227	227	231	243	231	227	227	227	220	211	222
G 65.0	167	157	147	157	164	164	164	157	147	157	167	164	151
G 70.0	150	150	150	150	154	167	154	150	150	150	150	150	150
G 75.0	134	142	154	156	149	137	149	156	154	142	134	137	150
G 80.0	141	147	159	152	126	88	126	152	159	147	141	141	141
G 85.0	132	159	166	158	132	92	132	158	166	159	132	111	134
G 90.0	97	97	97	97	88	58	88	97	97	97	97	97	97

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Source Flux	1350 lm	Maximum value	2214.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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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	642063	642063	642063	642063	642063	642063	642063	642063	642063	642063
G 5.0	528376	527522	528376	527713	526493	527023	527351	527059	527673	528041
G 10.0	354151	353726	354151	354950	355335	354157	353336	353283	352533	351272
G 15.0	208333	207792	208333	209235	209402	207455	206598	206526	204839	203823
G 20.0	128156	128036	128156	128580	129057	128289	127749	127576	127452	127267
G 25.0	83279	83220	83279	83577	83843	83585	83446	83446	83170	83040
G 30.0	63791	63721	63791	63921	64009	63929	64036	64225	64024	63800
G 35.0	48750	48892	48750	48623	48528	48481	48480	48493	48471	48397
G 40.0	16516	16678	16516	16526	16611	16507	16356	16173	15832	15552
G 45.0	3114	3147	3114	3032	2933	2895	2864	2818	2792	2779
G 50.0	679	667	679	683	683	683	683	683	719	730
G 55.0	372	372	372	373	388	424	438	420	397	381
G 60.0	226	211	226	222	211	220	227	227	227	231
G 65.0	149	164	149	151	164	167	157	147	157	164
G 70.0	146	133	146	150	150	150	150	150	150	154
G 75.0	152	137	152	150	137	134	142	154	156	149
G 80.0	141	141	141	141	141	141	147	159	152	126
G 85.0	148	148	148	134	111	132	159	166	158	132
G 90.0	97	97	97	97	97	97	97	97	97	88