

**Luminaire**

Code 90676L200  
Name ELI SQ L200 PB 940 35° LO

**Measurment.**

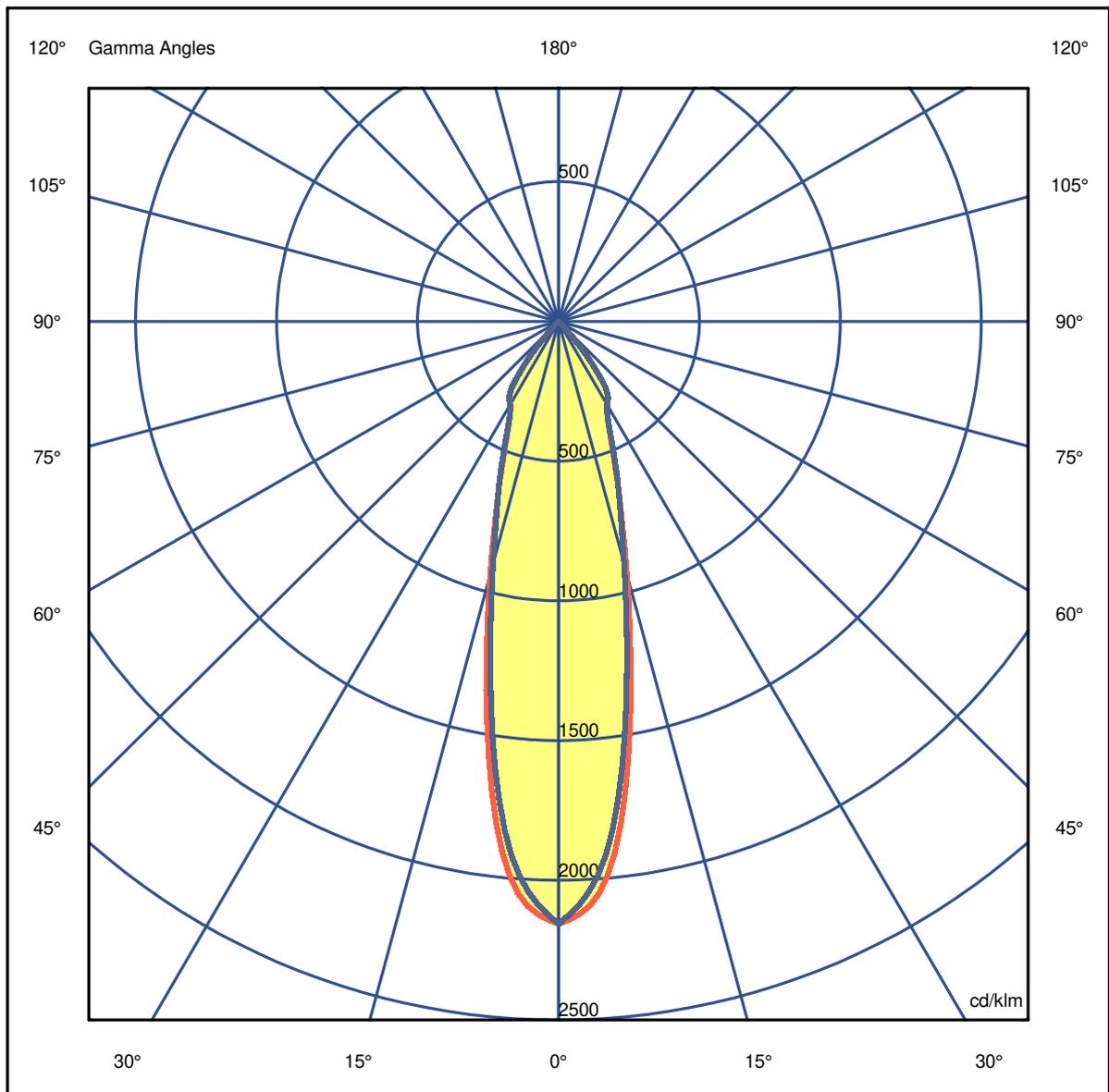
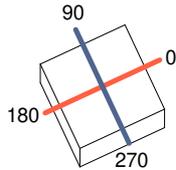
Code 5/9/2023  
Name ELI SQ L200 PB 940 35° LO

Luminaire Flux	703 lm	Luminaire Power	6.5 W	Efficacy	108.588 lm/W	Efficiency	83.64%
Source Flux	840 lm	Maximum value	2155.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

80mm x 80mm

C Halfplanes

180.0  0.0  
270.0  90.0



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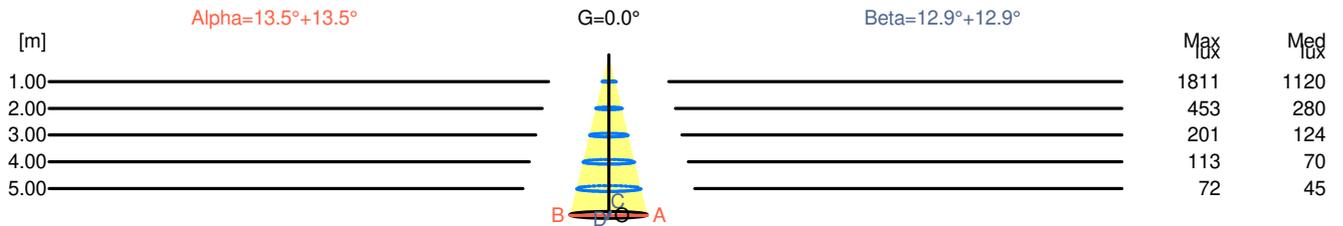
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Width at 50.00 % of Max Intensity

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	0.72	0.96	1.20	OC	0.23	0.46	0.69	0.91	1.14
OB	0.24	0.48	0.72	0.96	1.20	OD	0.23	0.46	0.69	0.91	1.14

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	1810.70	1673.11	784.31	356.58	242.09	16.55	2.10	0.34	0.00	0.00
OB	1810.70	1673.11	784.31	356.58	242.09	16.55	2.10	0.34	0.00	0.00
OC	1810.70	1611.96	752.64	362.12	243.94	15.54	2.10	0.67	0.00	0.00
OD	1810.70	1611.96	752.64	362.12	243.94	15.54	2.10	0.67	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=13.5°+13.5°	G=0.0
1.00	0.48	1811	1120		
2.00	0.96	453	280		
3.00	1.44	201	124		
4.00	1.91	113	70		
5.00	2.39	72	45		

H[m]	D[m]	Max lux	Med lux	Beta=12.9°+12.9°	G=0.0
1.00	0.46	1811	1120		
2.00	0.91	453	280		
3.00	1.37	201	124		
4.00	1.83	113	70		
5.00	2.29	72	45		

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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	14.5	15.2	14.7	15.3	15.6	14.5	15.1	14.7	15.3	15.5
x=2H y=3H	14.4	15.0	14.6	15.2	15.4	14.3	14.9	14.6	15.2	15.4
x=2H y=4H	14.3	14.9	14.6	15.1	15.4	14.3	14.9	14.6	15.1	15.4
x=2H y=6H	14.2	14.7	14.5	15.0	15.3	14.2	14.7	14.5	15.0	15.3
x=2H y=8H	14.2	14.7	14.5	15.0	15.3	14.2	14.7	14.5	15.0	15.2
x=2H y=12H	14.1	14.6	14.5	14.9	15.2	14.1	14.6	14.5	14.9	15.2
x=4H y=2H	14.3	14.9	14.6	15.1	15.4	14.3	14.9	14.6	15.1	15.4
x=4H y=3H	14.1	14.6	14.5	14.9	15.2	14.1	14.6	14.5	14.9	15.2
x=4H y=4H	14.1	14.5	14.4	14.8	15.2	14.1	14.5	14.4	14.8	15.1
x=4H y=6H	14.0	14.3	14.4	14.7	15.1	14.0	14.3	14.4	14.7	15.1
x=4H y=8H	14.0	14.2	14.4	14.6	15.0	13.9	14.2	14.4	14.6	15.0
x=4H y=12H	13.9	14.2	14.4	14.6	15.0	13.9	14.2	14.3	14.6	15.0
x=8H y=4H	14.0	14.2	14.4	14.6	15.0	13.9	14.2	14.4	14.6	15.0
x=8H y=6H	13.9	14.1	14.3	14.5	15.0	13.9	14.1	14.3	14.5	14.9
x=8H y=8H	13.8	14.0	14.3	14.5	14.9	13.8	14.0	14.3	14.4	14.9
x=8H y=12H	13.8	13.9	14.3	14.4	14.9	13.8	13.9	14.2	14.4	14.9
x=12H y=4H	13.9	14.2	14.4	14.6	15.0	13.9	14.2	14.3	14.6	15.0
x=12H y=6H	13.8	14.0	14.3	14.5	14.9	13.8	14.0	14.3	14.4	14.9
x=12H y=8H	13.8	13.9	14.3	14.4	14.9	13.8	13.9	14.2	14.4	14.9

**Luminaire**

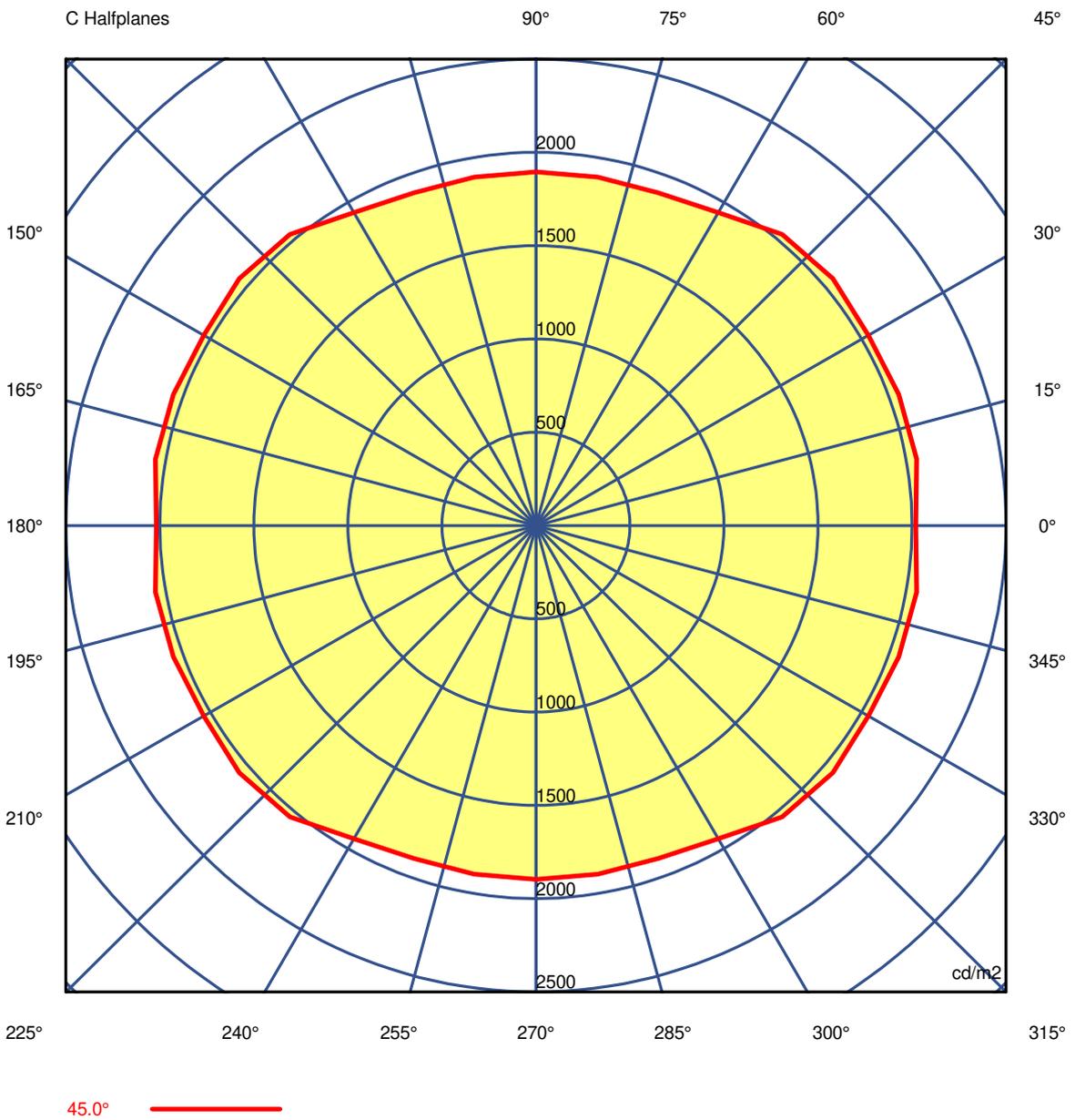
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Source Flux	840 lm	Maximum value	2155.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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**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	388845	388845	388845	388845	388845	388845	388845	388845	388845	388845	388845	388845	388845
G 5.0	319120	317833	317171	316252	313728	312210	311830	310169	308461	307456	308461	310169	311830
G 10.0	211913	211526	210123	207865	205708	203195	201031	200886	200687	200436	200687	200886	201031
G 15.0	124660	124536	123775	122297	121935	120738	119146	119697	120232	119627	120232	119697	119146
G 20.0	76018	76470	76350	76068	76469	76336	75782	76181	76471	76479	76471	76181	75782
G 25.0	49878	50074	50136	50160	50391	50442	50348	50534	50645	50653	50645	50534	50348
G 30.0	38405	38460	38403	38282	38229	38094	37991	38215	38463	38573	38463	38215	37991
G 35.0	31079	30964	31010	31112	31048	31157	31392	31320	31266	31317	31266	31320	31392
G 40.0	13456	13379	13241	13121	13079	12902	12566	12587	12593	12493	12593	12587	12566
G 45.0	2020	2056	2053	2040	2061	2037	1938	1899	1897	1897	1897	1899	1938
G 50.0	536	591	607	607	623	622	597	576	557	536	557	576	597
G 55.0	252	252	252	252	252	252	252	252	252	252	252	252	252
G 60.0	81	97	101	101	117	117	101	101	97	81	97	101	101
G 65.0	41	41	48	61	61	67	81	81	81	81	81	81	81
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 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	388845	388845	388845	388845	388845	388845	388845	388845	388845	388845	388845	388845	388845
G 5.0	312210	313728	316252	317171	317833	319120	317833	317171	316252	313728	312210	311830	310169
G 10.0	203195	205708	207865	210123	211526	211913	211526	210123	207865	205708	203195	201031	200886
G 15.0	120738	121935	122297	123775	124536	124660	124536	123775	122297	121935	120738	119146	119697
G 20.0	76336	76469	76068	76350	76470	76018	76470	76350	76068	76469	76336	75782	76181
G 25.0	50442	50391	50160	50136	50074	49878	50074	50136	50160	50391	50442	50348	50534
G 30.0	38094	38229	38282	38403	38460	38405	38460	38403	38282	38229	38094	37991	38215
G 35.0	31157	31048	31112	31010	30964	31079	30964	31010	31112	31048	31157	31392	31320
G 40.0	12902	13079	13121	13241	13379	13456	13379	13241	13121	13079	12902	12566	12587
G 45.0	2037	2061	2040	2053	2056	2020	2056	2053	2040	2061	2037	1938	1899
G 50.0	622	623	607	607	591	536	591	607	623	622	622	597	576
G 55.0	252	252	252	252	252	252	252	252	252	252	252	252	252
G 60.0	117	117	101	101	97	81	97	101	117	117	117	101	101
G 65.0	67	61	61	48	41	41	41	48	61	61	67	81	81
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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**Measurem.**

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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	388845	388845	388845	388845	388845	388845	388845	388845	388845	388845
G 5.0	308461	307456	308461	310169	311830	312210	313728	316252	317171	317833
G 10.0	200687	200436	200687	200886	201031	203195	205708	207865	210123	211526
G 15.0	120232	119627	120232	119697	119146	120738	121935	122297	123775	124536
G 20.0	76471	76479	76471	76181	75782	76336	76469	76068	76350	76470
G 25.0	50645	50653	50645	50534	50348	50442	50391	50160	50136	50074
G 30.0	38463	38573	38463	38215	37991	38094	38229	38282	38403	38460
G 35.0	31266	31317	31266	31320	31392	31157	31048	31112	31010	30964
G 40.0	12593	12493	12593	12587	12566	12902	13079	13121	13241	13379
G 45.0	1897	1897	1897	1899	1938	2037	2061	2040	2053	2056
G 50.0	557	536	557	576	597	622	623	607	607	591
G 55.0	252	252	252	252	252	252	252	252	252	252
G 60.0	97	81	97	101	101	117	117	101	101	97
G 65.0	81	81	81	81	81	67	61	61	48	41
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