

**Luminaire**

Code 90655L002  
Name ELI SQ /E 2 PB 940 60° HO

**Measurem.**

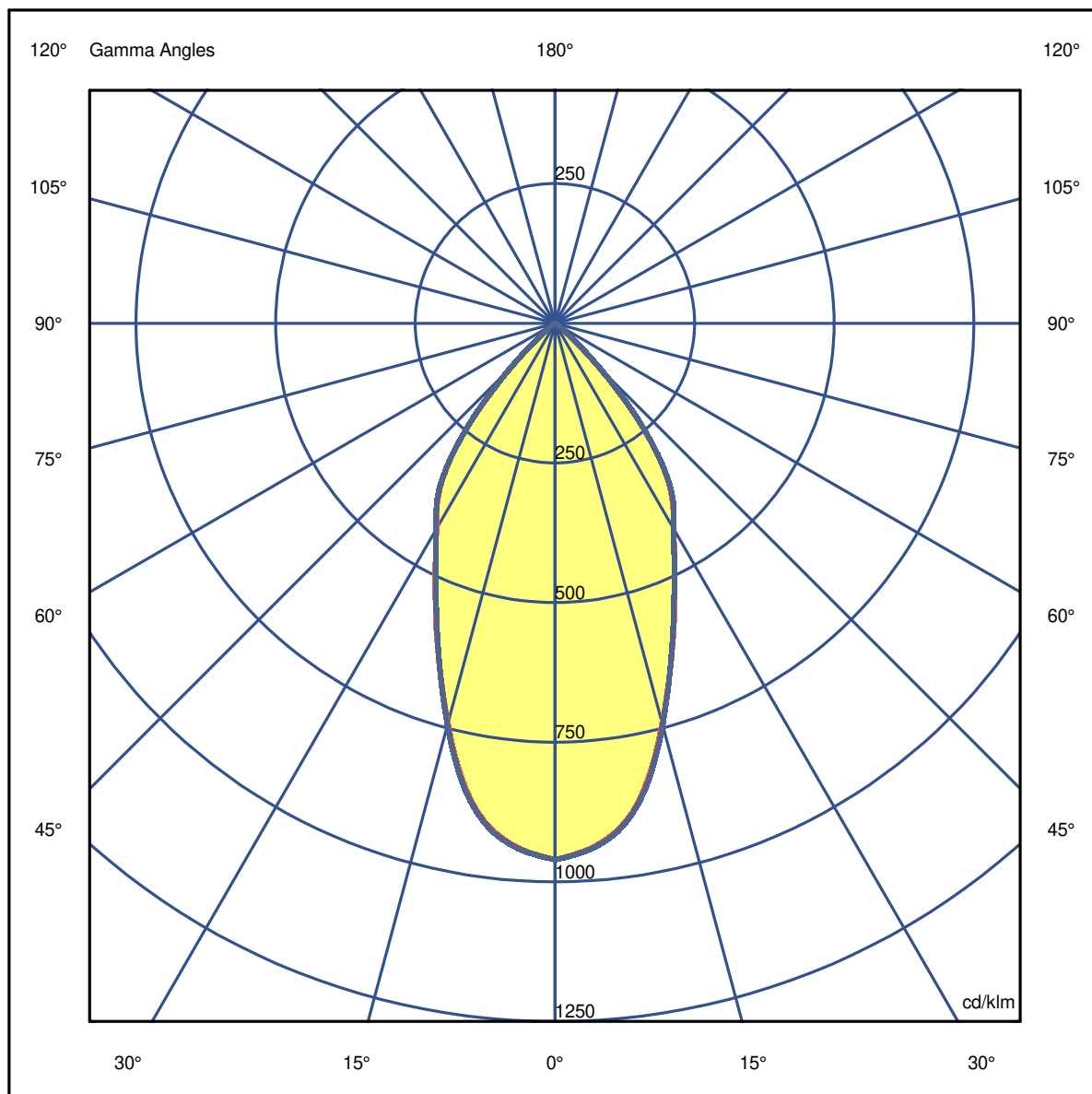
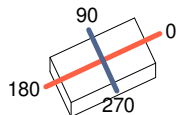
Code 5/9/2023  
Name ELI SQ /E 2 PB 940 60° HO

Luminaire Flux	2315 lm	Luminaire Power	16.3 W	Efficacy	141.737 lm/W	Efficiency	85.72%
Source Flux	2700 lm	Maximum value	960.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

115mm x 215mm

C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



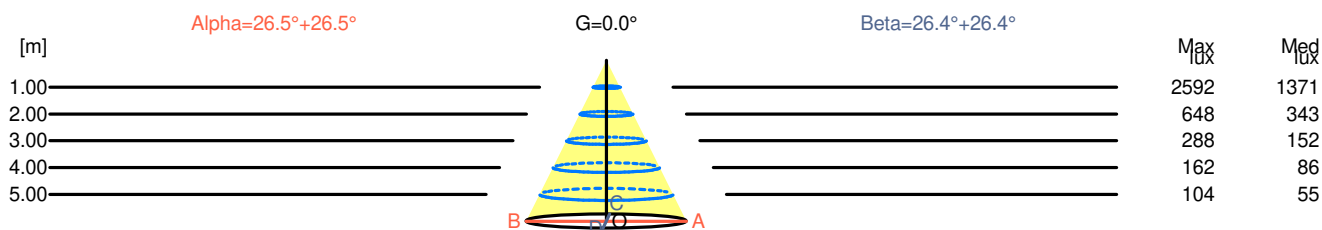
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Width at 50.00 % of Max Intensity

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	0.50	1.00	1.50	1.99	2.49	OC	0.50	0.99	1.49	1.99	2.48
OB	0.50	1.00	1.50	1.99	2.49	OD	0.50	0.99	1.49	1.99	2.48

	0	5	15	25	35	45	55	65	75	85
OA	2592.27	2522.07	2001.24	1370.52	969.57	300.51	34.56	1.35	1.35	1.35
OB	2592.27	2522.07	2001.24	1370.52	969.57	300.51	34.56	1.35	1.35	1.35
OC	2592.27	2526.93	2010.69	1364.31	976.32	312.12	31.05	1.35	1.35	1.35
OD	2592.27	2526.93	2010.69	1364.31	976.32	312.12	31.05	1.35	1.35	1.35



H[m]	D[m]	Max lux	Med lux	Alpha=26.5°+26.5°	G=0.0
1.00	1.00	2592	1371		
2.00	1.99	648	343		
3.00	2.99	288	152		
4.00	3.99	162	86		
5.00	4.98	104	55		

H[m]	D[m]	Max lux	Med lux	Beta=26.4°+26.4°	G=0.0
1.00	0.99	2592	1371		
2.00	1.99	648	343		
3.00	2.98	288	152		
4.00	3.97	162	86		
5.00	4.96	104	55		

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Source Flux	2700 lm	Maximum value	960.10 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	18.7	19.4	18.9	19.6	19.8	18.1	18.9	18.4	19.1	19.3
x=2H y=3H	18.5	19.2	18.8	19.4	19.7	18.0	18.6	18.3	18.9	19.1
x=2H y=4H	18.5	19.1	18.8	19.3	19.6	17.9	18.5	18.2	18.8	19.1
x=2H y=6H	18.4	19.0	18.7	19.3	19.5	17.8	18.4	18.2	18.7	19.0
x=2H y=8H	18.3	18.9	18.7	19.2	19.5	17.8	18.4	18.1	18.7	19.0
x=2H y=12H	18.3	18.8	18.7	19.1	19.5	17.8	18.3	18.1	18.6	18.9
x=4H y=2H	18.5	19.1	18.8	19.3	19.6	17.9	18.5	18.2	18.8	19.1
x=4H y=3H	18.3	18.8	18.7	19.1	19.5	17.8	18.3	18.1	18.6	18.9
x=4H y=4H	18.2	18.7	18.6	19.0	19.4	17.7	18.2	18.1	18.5	18.8
x=4H y=6H	18.2	18.5	18.6	18.9	19.3	17.6	18.0	18.0	18.3	18.7
x=4H y=8H	18.1	18.5	18.5	18.8	19.3	17.6	17.9	18.0	18.3	18.7
x=4H y=12H	18.1	18.4	18.5	18.8	19.2	17.5	17.8	18.0	18.2	18.7
x=8H y=4H	18.1	18.5	18.5	18.8	19.3	17.6	17.9	18.0	18.3	18.7
x=8H y=6H	18.1	18.3	18.5	18.7	19.2	17.5	17.8	17.9	18.2	18.6
x=8H y=8H	18.0	18.2	18.5	18.7	19.1	17.4	17.7	17.9	18.1	18.6
x=8H y=12H	17.9	18.1	18.4	18.6	19.1	17.4	17.6	17.9	18.0	18.5
x=12H y=4H	18.1	18.4	18.5	18.8	19.2	17.5	17.8	18.0	18.2	18.7
x=12H y=6H	18.0	18.2	18.5	18.7	19.1	17.4	17.7	17.9	18.1	18.6
x=12H y=8H	17.9	18.1	18.4	18.6	19.1	17.4	17.6	17.9	18.0	18.5

**Luminaire**

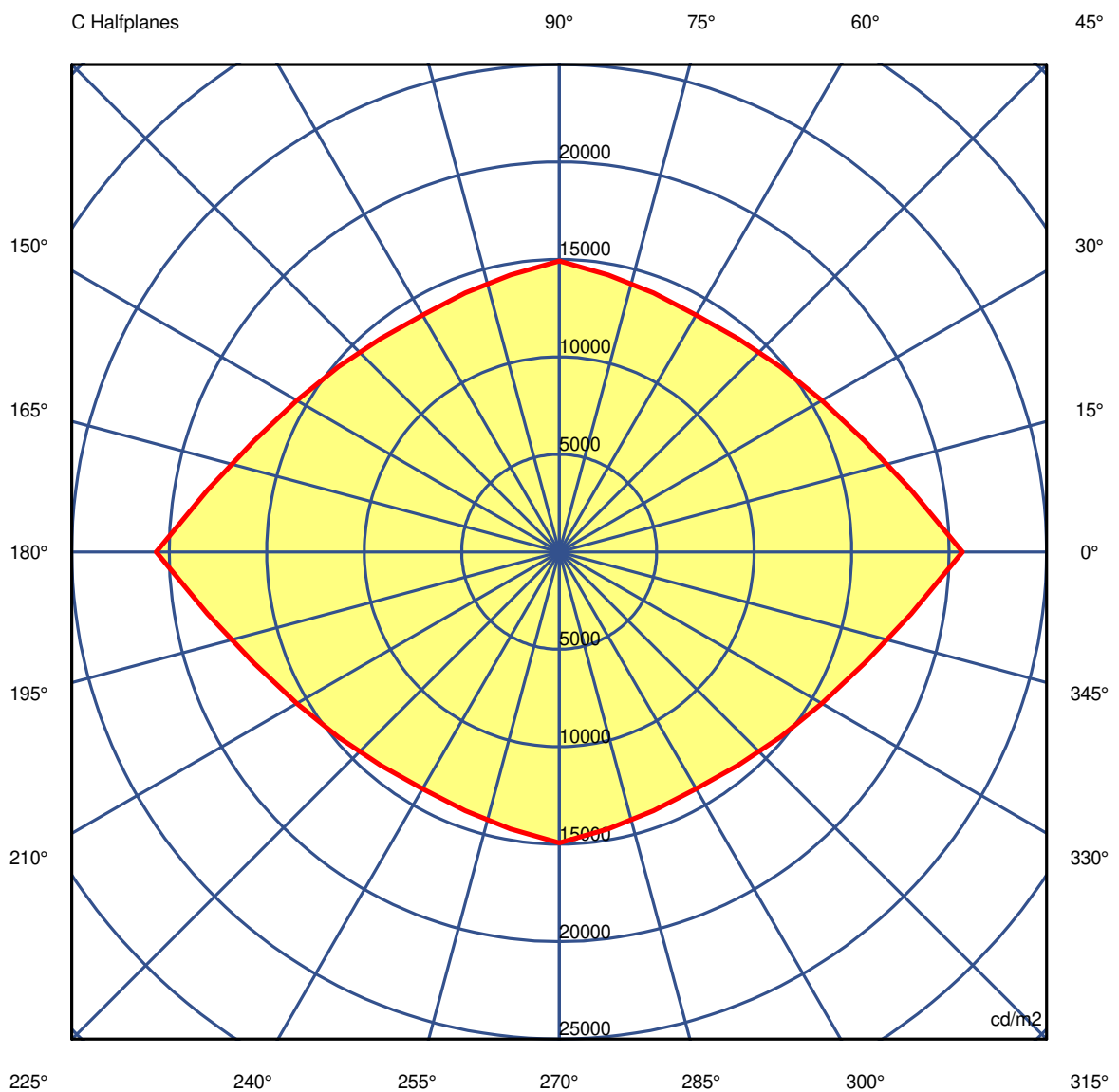
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**Measurem.**

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Luminaire Flux	2315 lm	Luminaire Power	16.3 W	Efficacy	141.737 lm/W	Efficiency	85.72%
Source Flux	2700 lm	Maximum value	960.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	2700 lm		Maximum value		960.10 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	190203	190203	190203	190203	190203	190203	190203	190203	190203	190203	190203	190203	190203	
G 5.0	177847	174924	172496	170529	168979	168061	167784	167610	167934	168850	167934	167610	167784	
G 10.0	160095	155338	151340	148075	145585	144010	143310	143046	143586	145123	143586	143046	143310	
G 15.0	133789	127918	123184	119525	116816	114980	113975	113804	114569	116308	114569	113804	113975	
G 20.0	109371	103206	98333	94556	91547	89581	88617	88332	88971	90663	88971	88332	88617	
G 25.0	89689	83563	78819	75182	72307	70446	69566	69360	69967	71488	69967	69360	69566	
G 30.0	75139	69160	64670	61355	58750	57039	56171	56031	56659	58116	56659	56031	56171	
G 35.0	64044	58397	54093	50832	48489	47005	46272	46173	46758	48092	46758	46173	46272	
G 40.0	45064	40433	37082	34678	32895	31702	31093	31035	31508	32523	31508	31035	31093	
G 45.0	20671	18314	16662	15553	14793	14276	14030	14136	14429	14933	14429	14136	14030	
G 50.0	5047	4491	4182	3996	3779	3655	3611	3722	3895	4109	3895	3722	3611	
G 55.0	2561	2164	1915	1738	1576	1509	1500	1432	1410	1488	1410	1432	1500	
G 60.0	316	242	199	171	148	143	149	142	133	131	133	142	149	
G 65.0	112	93	81	73	68	65	63	63	64	67	64	63	63	
G 70.0	121	99	85	76	70	66	65	64	66	69	66	64	65	
G 75.0	132	106	90	79	73	69	67	67	68	71	68	67	67	
G 80.0	147	114	95	84	76	72	70	69	71	75	71	69	70	
G 85.0	167	126	103	89	81	76	73	73	75	79	75	73	73	
G 90.0	195	141	113	97	87	81	78	78	80	85	80	78	78	

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Source Flux	2700 lm		Maximum value		960.10 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	190203	190203	190203	190203	190203	190203	190203	190203	190203	190203	190203	190203	190203	
G 5.0	168061	168979	170529	172496	174924	177847	174924	172496	170529	168979	168061	167784	167610	
G 10.0	144010	145585	148075	151340	155338	160095	155338	151340	148075	145585	144010	143310	143046	
G 15.0	114980	116816	119525	123184	127918	133789	127918	123184	119525	116816	114980	113975	113804	
G 20.0	89581	91547	94556	98333	103206	109371	103206	98333	94556	91547	89581	88617	88332	
G 25.0	70446	72307	75182	78819	83563	89689	83563	78819	75182	72307	70446	69566	69360	
G 30.0	57039	58750	61355	64670	69160	75139	69160	64670	61355	58750	57039	56171	56031	
G 35.0	47005	48489	50832	54093	58397	64044	58397	54093	50832	48489	47005	46272	46173	
G 40.0	31702	32895	34678	37082	40433	45064	40433	37082	34678	32895	31702	31093	31035	
G 45.0	14276	14793	15553	16662	18314	20671	18314	16662	15553	14793	14276	14030	14136	
G 50.0	3655	3779	3996	4182	4491	5047	4491	4182	3996	3779	3655	3611	3722	
G 55.0	1509	1576	1738	1915	2164	2561	2164	1915	1738	1576	1509	1500	1432	
G 60.0	143	148	171	199	242	316	242	199	171	148	143	149	142	
G 65.0	65	68	73	81	93	112	93	81	73	68	65	63	63	
G 70.0	66	70	76	85	99	121	99	85	76	70	66	65	64	
G 75.0	69	73	79	90	106	132	106	90	79	73	69	67	67	
G 80.0	72	76	84	95	114	147	114	95	84	76	72	70	69	
G 85.0	76	81	89	103	126	167	126	103	89	81	76	73	73	
G 90.0	81	87	97	113	141	195	141	113	97	87	81	78	78	

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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	190203	190203	190203	190203	190203	190203	190203	190203	190203	190203
G 5.0	167934	168850	167934	167610	167784	168061	168979	170529	172496	174924
G 10.0	143586	145123	143586	143046	143310	144010	145585	148075	151340	155338
G 15.0	114569	116308	114569	113804	113975	114980	116816	119525	123184	127918
G 20.0	88971	90663	88971	88332	88617	89581	91547	94556	98333	103206
G 25.0	69967	71488	69967	69360	69566	70446	72307	75182	78819	83563
G 30.0	56659	58116	56659	56031	56171	57039	58750	61355	64670	69160
G 35.0	46758	48092	46758	46173	46272	47005	48489	50832	54093	58397
G 40.0	31508	32523	31508	31035	31093	31702	32895	34678	37082	40433
G 45.0	14429	14933	14429	14136	14030	14276	14793	15553	16662	18314
G 50.0	3895	4109	3895	3722	3611	3655	3779	3996	4182	4491
G 55.0	1410	1488	1410	1432	1500	1509	1576	1738	1915	2164
G 60.0	133	131	133	142	149	143	148	171	199	242
G 65.0	64	67	64	63	63	65	68	73	81	93
G 70.0	66	69	66	64	65	66	70	76	85	99
G 75.0	68	71	68	67	67	69	73	79	90	106
G 80.0	71	75	71	69	70	72	76	84	95	114
G 85.0	75	79	75	73	73	76	81	89	103	126
G 90.0	80	85	80	78	78	81	87	97	113	141