

Luminaire

Code 90673L002
Name ELI SQ /E 2 PB 940 60° LO

Measurem.

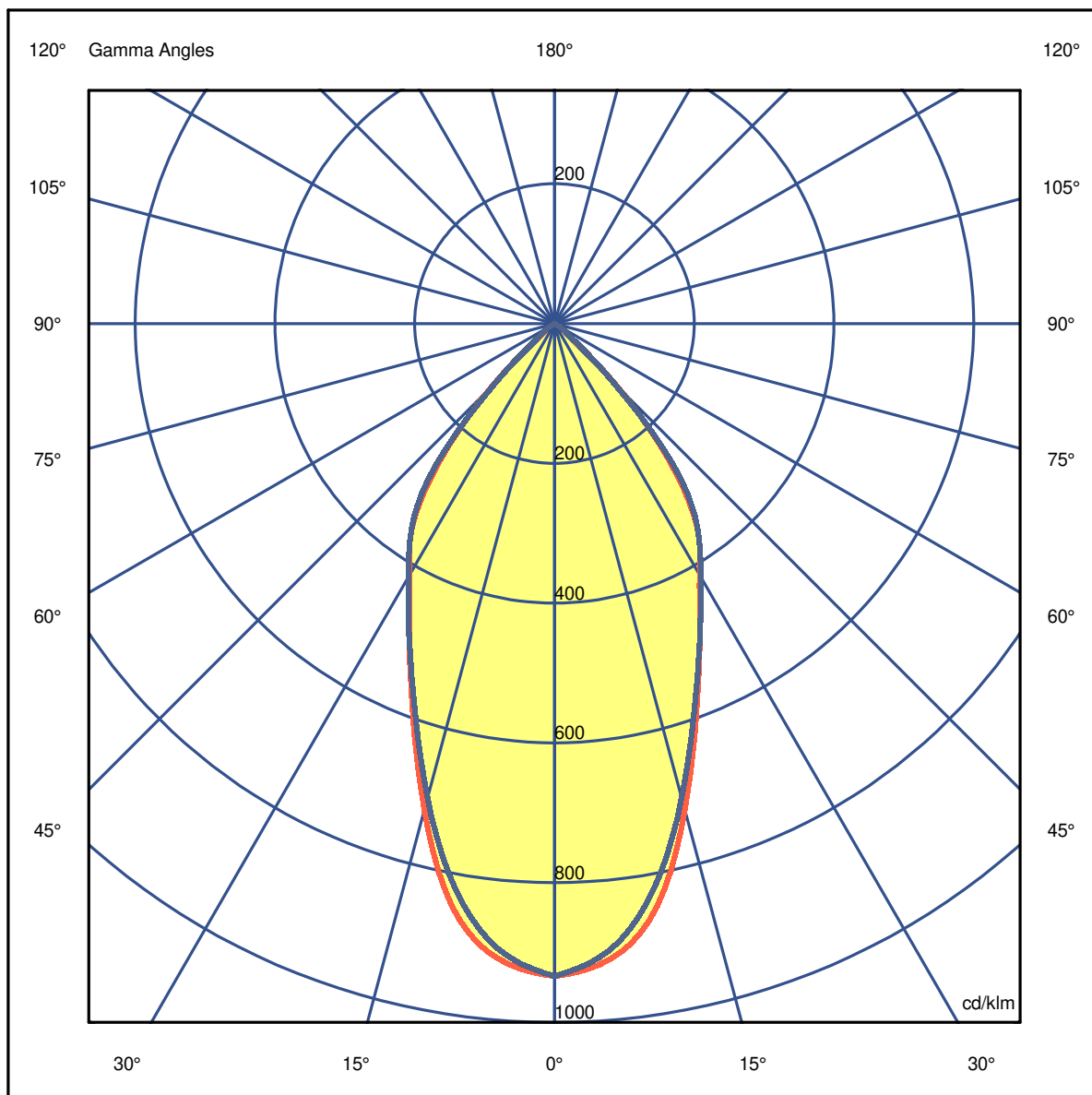
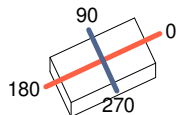
Code 5/9/2023
Name ELI SQ /E 2 PB 940 60° LO

Luminaire Flux	1415 lm	Luminaire Power	9.7 W	Efficacy	146.467 lm/W	Efficiency	84.22%
Source Flux	1680 lm	Maximum value	933.90 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



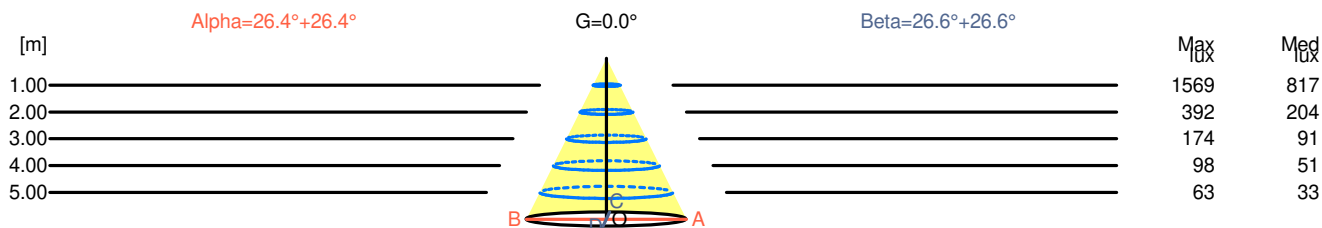
LuminaireCode 90673L002
Name ELI SQ /E 2 PB 940 60° LO**Measurem.**Code 5/9/2023
Name ELI SQ /E 2 PB 940 60° LO

Luminaire Flux	1415 lm	Luminaire Power	9.7 W	Efficacy	146.467 lm/W	Efficiency	84.22%
Source Flux	1680 lm	Maximum value	933.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.99	1.49	1.99	2.49	OC	0.50	1.00	1.50	2.00	2.50
OB	0.50	0.99	1.49	1.99	2.49	OD	0.50	1.00	1.50	2.00	2.50

Luminous Intensities [cd/klm]										
	0	5	15	25	35	45	55	65	75	85
OA	1568.95	1533.67	1210.27	826.06	597.58	209.83	26.38	1.34	0.00	0.00
OB	1568.95	1533.67	1210.27	826.06	597.58	209.83	26.38	1.34	0.00	0.00
OC	1568.95	1511.83	1180.54	827.57	599.26	201.10	28.56	0.67	0.00	0.00
OD	1568.95	1511.83	1180.54	827.57	599.26	201.10	28.56	0.67	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=26.4°+26.4°	G=0.0
1.00	0.99	1569	817		
2.00	1.99	392	204		
3.00	2.98	174	91		
4.00	3.98	98	51		
5.00	4.97	63	33		

H[m]	D[m]	Max lux	Med lux	Beta=26.6°+26.6°	G=0.0
1.00	1.00	1569	817		
2.00	2.00	392	204		
3.00	3.00	174	91		
4.00	4.01	98	51		
5.00	5.01	63	33		

Luminaire

Code 90673L002
Name ELI SQ /E 2 PB 940 60° LO

Measurem.

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

Luminaire Flux	1415 lm	Luminaire Power	9.7 W	Efficacy	146.467 lm/W	Efficiency	84.22%
Source Flux	1680 lm	Maximum value	933.90 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	17.2	18.0	17.5	18.2	18.4	16.7	17.4	16.9	17.6	17.8
x=2H y=3H	17.1	17.8	17.4	18.0	18.3	16.5	17.2	16.8	17.4	17.7
x=2H y=4H	17.0	17.7	17.3	17.9	18.2	16.4	17.1	16.8	17.3	17.6
x=2H y=6H	17.0	17.5	17.3	17.8	18.1	16.4	17.0	16.7	17.2	17.5
x=2H y=8H	16.9	17.5	17.3	17.8	18.1	16.3	16.9	16.7	17.2	17.5
x=2H y=12H	16.9	17.4	17.2	17.7	18.0	16.3	16.8	16.7	17.1	17.5
x=4H y=2H	17.0	17.7	17.3	17.9	18.2	16.4	17.1	16.8	17.4	17.6
x=4H y=3H	16.9	17.4	17.2	17.7	18.0	16.3	16.8	16.7	17.1	17.5
x=4H y=4H	16.8	17.3	17.2	17.6	18.0	16.2	16.7	16.6	17.0	17.4
x=4H y=6H	16.7	17.1	17.1	17.5	17.9	16.2	16.5	16.6	16.9	17.3
x=4H y=8H	16.7	17.0	17.1	17.4	17.8	16.1	16.5	16.5	16.9	17.2
x=4H y=12H	16.7	17.0	17.1	17.4	17.8	16.1	16.4	16.5	16.8	17.2
x=8H y=4H	16.7	17.0	17.1	17.4	17.8	16.1	16.5	16.5	16.9	17.2
x=8H y=6H	16.6	16.9	17.1	17.3	17.7	16.0	16.3	16.5	16.7	17.2
x=8H y=8H	16.6	16.8	17.0	17.2	17.7	16.0	16.2	16.5	16.7	17.1
x=8H y=12H	16.5	16.7	17.0	17.2	17.7	15.9	16.1	16.4	16.6	17.1
x=12H y=4H	16.7	17.0	17.1	17.4	17.8	16.1	16.4	16.5	16.8	17.2
x=12H y=6H	16.6	16.8	17.0	17.2	17.7	16.0	16.2	16.5	16.7	17.1
x=12H y=8H	16.5	16.7	17.0	17.2	17.7	15.9	16.1	16.4	16.6	17.1

Luminaire

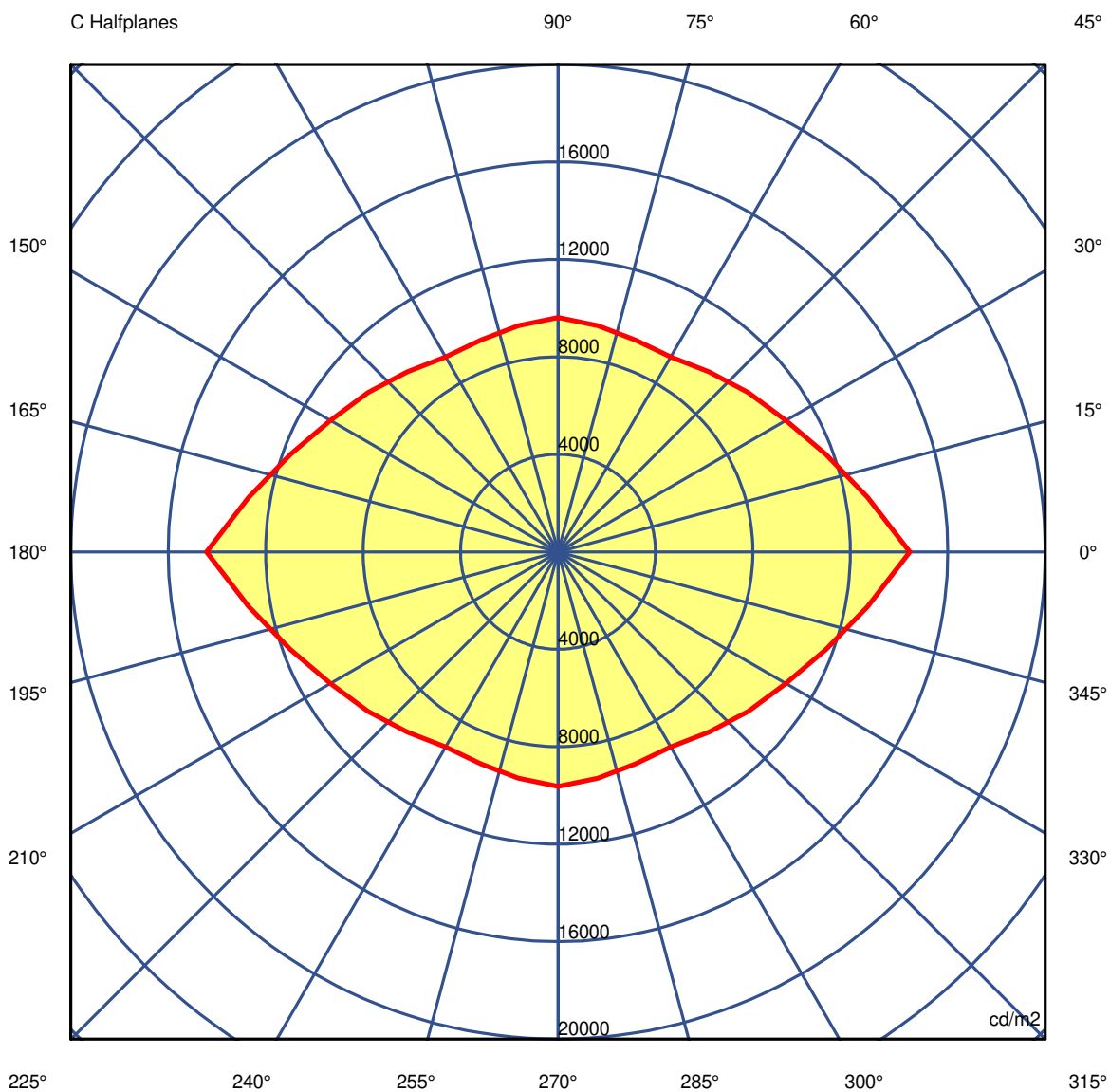
Code 90673L002
Name ELI SQ /E 2 PB 940 60° LO

Measurem.

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

Luminaire Flux	1415 lm	Luminaire Power	9.7 W	Efficacy	146.467 lm/W	Efficiency	84.22%
Source Flux	1680 lm	Maximum value	933.90 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

LuminaireCode 90673L002
Name ELI SQ /E 2 PB 940 60° LO**Measur.**Code 5/9/2023
Name ELI SQ /E 2 PB 940 60° LO

Luminaire Flux	1415 lm	Luminaire Power	9.7 W	Efficacy	146.467 lm/W	Efficiency	84.22%
Source Flux	1680 lm	Maximum value	933.90 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	115119	115119	115119	115119	115119	115119	115119	115119	115119	115119	115119	115119	115119
G 5.0	108149	106172	104664	103450	101797	100717	100333	99921	100075	101021	100075	99921	100333
G 10.0	97191	93920	91220	88934	86797	85002	83891	83718	84201	85141	84201	83718	83891
G 15.0	80910	77076	73942	71448	69453	67749	66592	66489	67134	68288	67134	66489	66592
G 20.0	65696	61862	58778	56389	54607	53111	52113	52151	52819	53873	52819	52151	52113
G 25.0	54058	50284	47413	45234	43495	42235	41575	41608	42227	43364	42227	41608	41575
G 30.0	45708	42067	39330	37282	35717	34608	34022	34034	34552	35532	34552	34034	34022
G 35.0	39472	35712	33123	31269	29646	28626	28161	28129	28562	29518	28562	28129	28161
G 40.0	28682	25669	23565	22123	21097	20454	20205	20340	20755	21439	20755	20340	20205
G 45.0	14434	12904	11705	10788	10184	9646	9245	9260	9428	9621	9428	9260	9245
G 50.0	3343	3047	2790	2599	2518	2372	2224	2301	2462	2621	2462	2301	2224
G 55.0	1955	1704	1566	1509	1426	1339	1285	1284	1315	1369	1315	1284	1285
G 60.0	328	248	193	169	181	181	162	162	165	171	165	162	162
G 65.0	112	54	44	55	51	52	63	66	56	33	56	66	63
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

Luminaire

Code 90673L002
Name ELI SQ /E 2 PB 940 60° LO

Measurement

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

Luminaire Flux	1415 lm		Luminaire Power		9.7 W		Efficacy		146.467 lm/W		Efficiency		84.22%	
Source Flux	1680 lm		Maximum value		933.90 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	115119	115119	115119	115119	115119	115119	115119	115119	115119	115119	115119	115119	115119	
G 5.0	100717	101797	103450	104664	106172	108149	106172	104664	103450	101797	100717	100333	99921	
G 10.0	85002	86797	88934	91220	93920	97191	93920	91220	88934	86797	85002	83891	83718	
G 15.0	67749	69453	71448	73942	77076	80910	77076	73942	71448	69453	67749	66592	66489	
G 20.0	53111	54607	56389	58778	61862	65696	61862	58778	56389	54607	53111	52113	52151	
G 25.0	42235	43495	45234	47413	50284	54058	50284	47413	45234	43495	42235	41575	41608	
G 30.0	34608	35717	37282	39330	42067	45708	42067	39330	37282	35717	34608	34022	34034	
G 35.0	28626	29646	31269	33123	35712	39472	35712	33123	31269	29646	28626	28161	28129	
G 40.0	20454	21097	22123	23565	25669	28682	25669	23565	22123	21097	20454	20205	20340	
G 45.0	9646	10184	10788	11705	12904	14434	12904	11705	10788	10184	9646	9245	9260	
G 50.0	2372	2518	2599	2790	3047	3343	3047	2790	2599	2518	2372	2224	2301	
G 55.0	1339	1426	1509	1566	1704	1955	1704	1566	1509	1426	1339	1285	1284	
G 60.0	181	181	169	193	248	328	248	193	169	181	181	162	162	
G 65.0	52	51	55	44	54	112	54	44	55	51	52	63	66	
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	

LuminaireCode 90673L002
Name ELI SQ /E 2 PB 940 60° LO**Measurem.**Code 5/9/2023
Name ELI SQ /E 2 PB 940 60° LO

Luminaire Flux	1415 lm	Luminaire Power	9.7 W	Efficacy	146.467 lm/W	Efficiency	84.22%
Source Flux	1680 lm	Maximum value	933.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	115119	115119	115119	115119	115119	115119	115119	115119	115119	115119
G 5.0	100075	101021	100075	99921	100333	100717	101797	103450	104664	106172
G 10.0	84201	85141	84201	83718	83891	85002	86797	88934	91220	93920
G 15.0	67134	68288	67134	66489	66592	67749	69453	71448	73942	77076
G 20.0	52819	53873	52819	52151	52113	53111	54607	56389	58778	61862
G 25.0	42227	43364	42227	41608	41575	42235	43495	45234	47413	50284
G 30.0	34552	35532	34552	34034	34022	34608	35717	37282	39330	42067
G 35.0	28562	29518	28562	28129	28161	28626	29646	31269	33123	35712
G 40.0	20755	21439	20755	20340	20205	20454	21097	22123	23565	25669
G 45.0	9428	9621	9428	9260	9245	9646	10184	10788	11705	12904
G 50.0	2462	2621	2462	2301	2224	2372	2518	2599	2790	3047
G 55.0	1315	1369	1315	1284	1285	1339	1426	1509	1566	1704
G 60.0	165	171	165	162	162	181	181	169	193	248
G 65.0	56	33	56	66	63	52	51	55	44	54
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