

Luminaire

Code 90673L002
Name ELI SQ /E 2 PB 940 35° LO

Measurem.

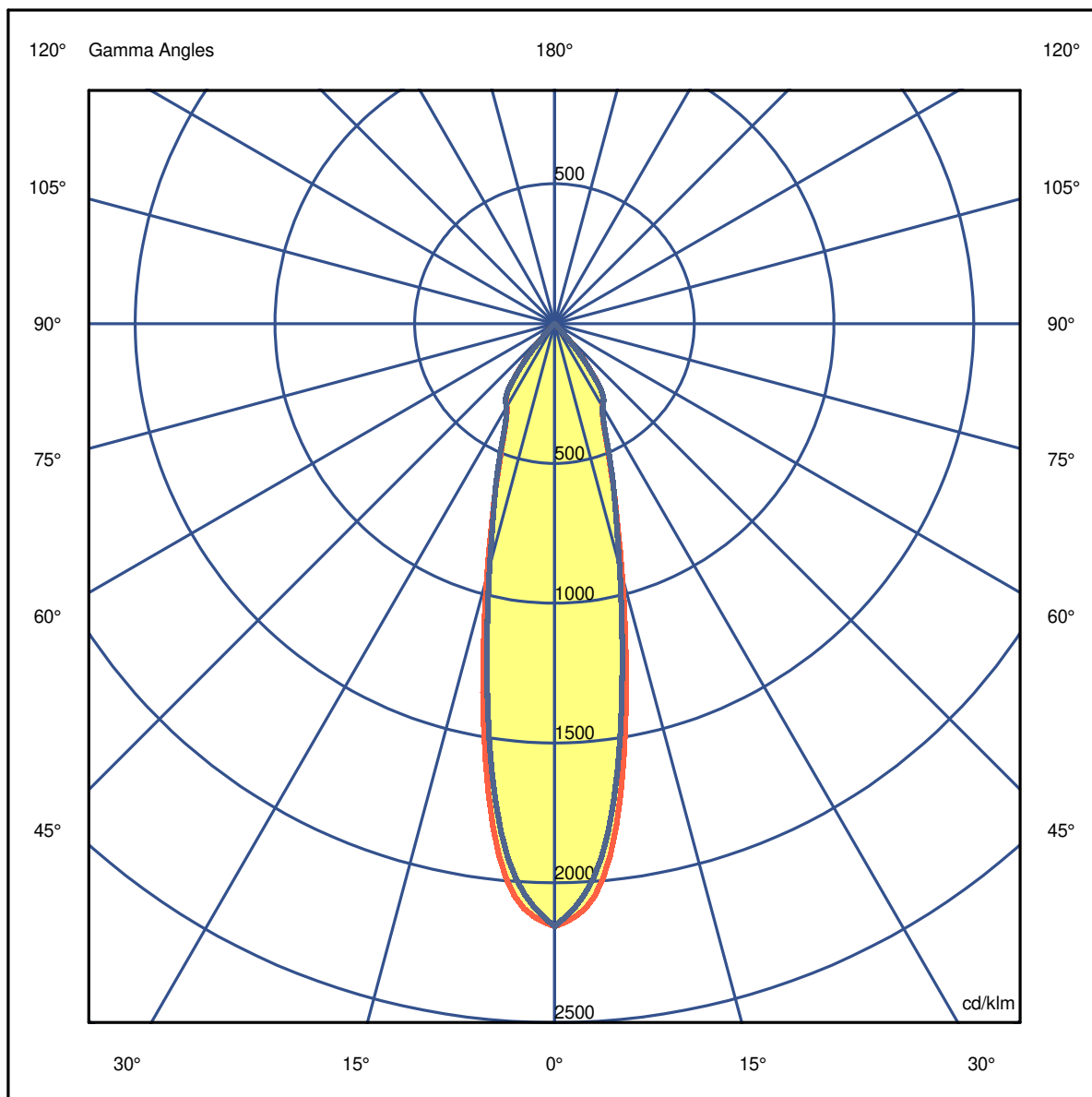
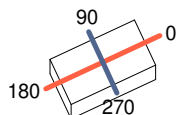
Code 5/9/2023
Name ELI SQ /E 2 PB 940 35° LO

Luminaire Flux	1405 lm	Luminaire Power	9.7 W	Efficacy	145.458 lm/W	Efficiency	83.64%
Source Flux	1680 lm	Maximum value	2155.60 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



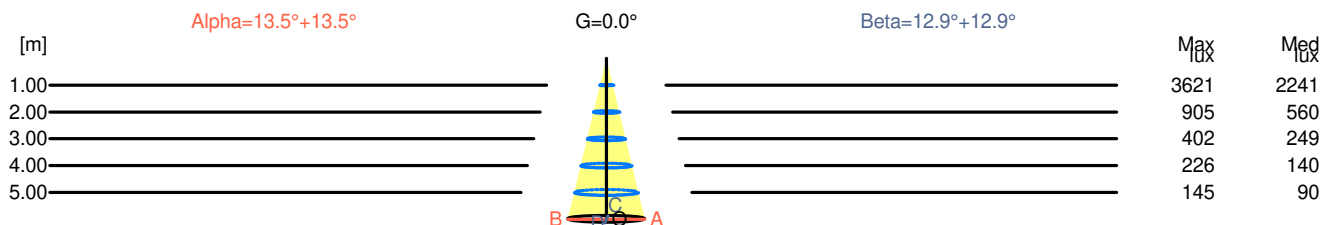
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Width at 50.00 % of Max Intensity

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	0.24	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	3621.41	3346.22	1568.62	713.16	484.18	33.10	4.20	0.67	0.00	0.00	
OB	3621.41	3346.22	1568.62	713.16	484.18	33.10	4.20	0.67	0.00	0.00	
OC	3621.41	3223.92	1505.28	724.25	487.87	31.08	4.20	1.34	0.00	0.00	
OD	3621.41	3223.92	1505.28	724.25	487.87	31.08	4.20	1.34	0.00	0.00	



H[m]	D[m]	Max lux	Med lux	Alpha=13.5°+13.5°	G=0.0
1.00	0.48	3621	2241		
2.00	0.96	905	560		
3.00	1.44	402	249		
4.00	1.91	226	140		
5.00	2.39	145	90		

H[m]	D[m]	Max lux	Med lux	Beta=12.9°+12.9°	G=0.0
1.00	0.46	3621	2241		
2.00	0.91	905	560		
3.00	1.37	402	249		
4.00	1.83	226	140		
5.00	2.29	145	90		

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Source Flux	1680 lm	Maximum value	2155.60 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	14.0	14.7	14.3	14.9	15.1	13.5	14.1	13.7	14.3	14.5
x=2H y=3H	13.9	14.5	14.2	14.7	15.0	13.3	13.9	13.6	14.2	14.4
x=2H y=4H	13.9	14.4	14.1	14.7	14.9	13.3	13.8	13.5	14.1	14.3
x=2H y=6H	13.8	14.3	14.1	14.6	14.8	13.2	13.7	13.5	14.0	14.2
x=2H y=8H	13.7	14.2	14.1	14.5	14.8	13.1	13.6	13.5	13.9	14.2
x=2H y=12H	13.7	14.2	14.0	14.5	14.8	13.1	13.6	13.4	13.9	14.2
x=4H y=2H	13.9	14.4	14.1	14.7	14.9	13.3	13.8	13.5	14.1	14.3
x=4H y=3H	13.7	14.2	14.0	14.5	14.8	13.1	13.6	13.4	13.9	14.2
x=4H y=4H	13.6	14.0	14.0	14.3	14.7	13.0	13.4	13.4	13.8	14.1
x=4H y=6H	13.6	13.9	14.0	14.2	14.6	13.0	13.3	13.4	13.7	14.0
x=4H y=8H	13.5	13.8	13.9	14.2	14.6	12.9	13.2	13.3	13.6	14.0
x=4H y=12H	13.5	13.7	13.9	14.1	14.5	12.9	13.1	13.3	13.5	13.9
x=8H y=4H	13.5	13.8	13.9	14.2	14.6	12.9	13.2	13.3	13.6	14.0
x=8H y=6H	13.4	13.6	13.9	14.1	14.5	12.8	13.0	13.3	13.5	13.9
x=8H y=8H	13.4	13.6	13.8	14.0	14.5	12.8	13.0	13.2	13.4	13.9
x=8H y=12H	13.3	13.5	13.8	13.9	14.4	12.7	12.9	13.2	13.3	13.8
x=12H y=4H	13.5	13.7	13.9	14.1	14.5	12.9	13.1	13.3	13.5	13.9
x=12H y=6H	13.4	13.6	13.8	14.0	14.5	12.8	13.0	13.2	13.4	13.9
x=12H y=8H	13.3	13.5	13.8	13.9	14.4	12.7	12.9	13.2	13.3	13.8

Luminaire

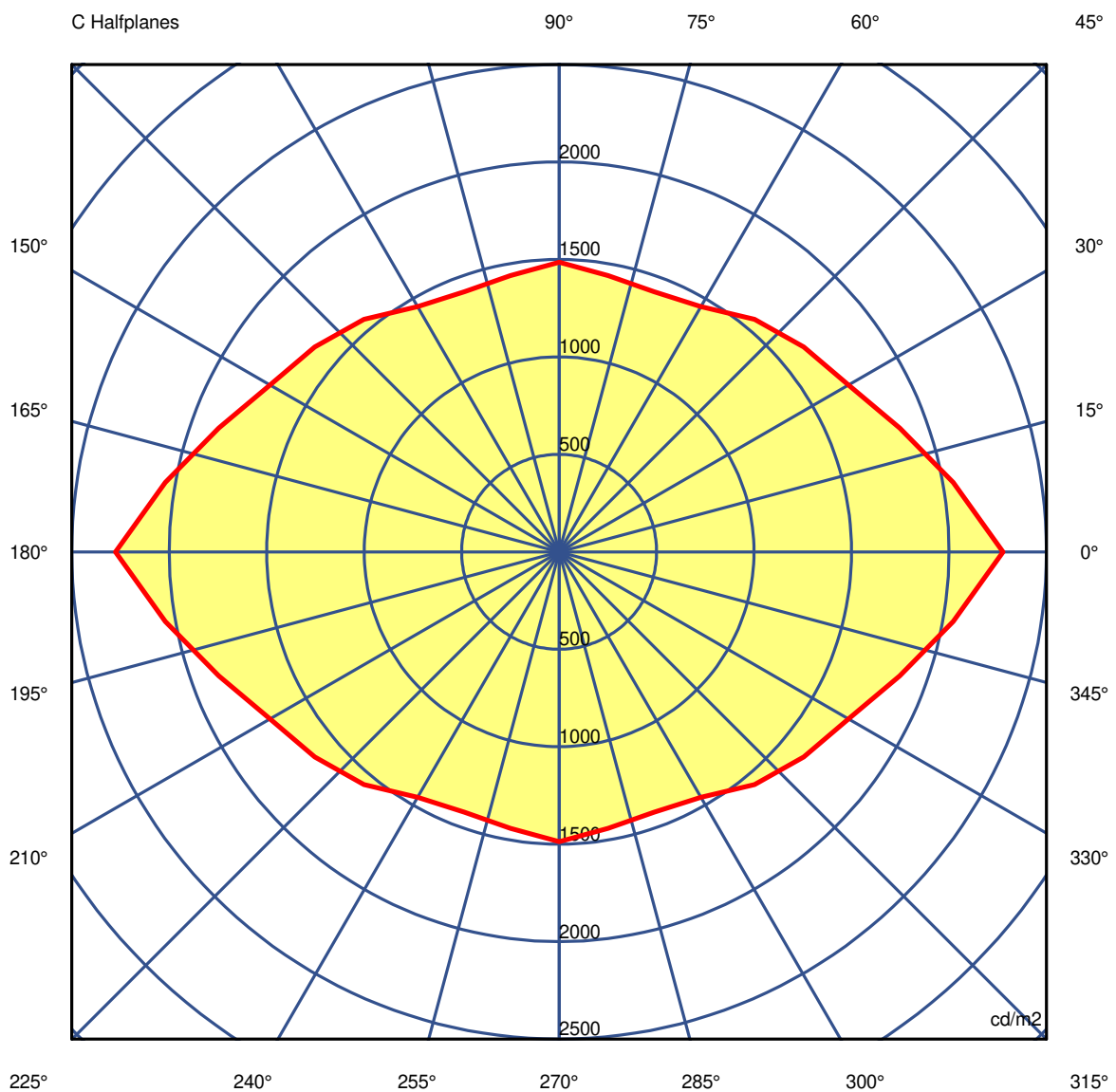
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Luminaire Flux	1405 lm	Luminaire Power	9.7 W	Efficacy	145.458 lm/W	Efficiency	83.64%
Source Flux	1680 lm	Maximum value	2155.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Source Flux	1680 lm		Maximum value		2155.60 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	265713	265713	265713	265713	265713	265713	265713	265713	265713	265713	265713	265713	265713	
G 5.0	235963	231230	227489	224149	220308	217831	216807	215554	214924	215423	214924	215554	216807	
G 10.0	167767	162331	156974	151873	147737	144209	141763	141543	142076	143361	142076	141543	141763	
G 15.0	104866	100151	95785	91712	89263	86934	85029	85323	86272	87073	86272	85323	85029	
G 20.0	67577	64133	60962	58367	56923	55659	54645	54854	55517	56523	55517	54854	54645	
G 25.0	46670	43642	41183	39288	38076	37192	36641	36714	37153	37950	37153	36714	36641	
G 30.0	37720	34745	32383	30557	29282	28375	27880	27991	28484	29261	28484	27991	27880	
G 35.0	31982	28945	26802	25277	24085	23428	23217	23114	23358	24032	23358	23114	23217	
G 40.0	14494	12926	11718	10841	10268	9788	9361	9355	9486	9692	9486	9355	9361	
G 45.0	2277	2052	1859	1713	1637	1559	1454	1421	1440	1487	1440	1421	1454	
G 50.0	633	610	562	518	500	480	451	434	426	425	426	434	451	
G 55.0	311	268	238	218	204	196	191	191	194	201	194	191	191	
G 60.0	105	107	98	89	96	92	77	77	75	65	75	77	77	
G 65.0	56	46	47	55	51	53	63	63	64	67	64	63	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	

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Source Flux	1680 lm		Maximum value		2155.60 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	265713	265713	265713	265713	265713	265713	265713	265713	265713	265713	265713	265713	265713	
G 5.0	217831	220308	224149	227489	231230	235963	231230	227489	224149	220308	217831	216807	215554	
G 10.0	144209	147737	151873	156974	162331	167767	162331	156974	151873	147737	144209	141763	141543	
G 15.0	86934	89263	91712	95785	100151	104866	100151	95785	91712	89263	86934	85029	85323	
G 20.0	55659	56923	58367	60962	64133	67577	64133	60962	58367	56923	55659	54645	54854	
G 25.0	37192	38076	39288	41183	43642	46670	43642	41183	39288	38076	37192	36641	36714	
G 30.0	28375	29282	30557	32383	34745	37720	34745	32383	30557	29282	28375	27880	27991	
G 35.0	23428	24085	25277	26802	28945	31982	28945	26802	25277	24085	23428	23217	23114	
G 40.0	9788	10268	10841	11718	12926	14494	12926	11718	10841	10268	9788	9361	9355	
G 45.0	1559	1637	1713	1859	2052	2277	2052	1859	1713	1637	1559	1454	1421	
G 50.0	480	500	518	562	610	633	610	562	518	500	480	451	434	
G 55.0	196	204	218	238	268	311	268	238	218	204	196	191	191	
G 60.0	92	96	89	98	107	105	107	98	89	96	92	77	77	
G 65.0	53	51	55	47	46	56	46	47	55	51	53	63	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	

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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	265713	265713	265713	265713	265713	265713	265713	265713	265713	265713
G 5.0	214924	215423	214924	215554	216807	217831	220308	224149	227489	231230
G 10.0	142076	143361	142076	141543	141763	144209	147737	151873	156974	162331
G 15.0	86272	87073	86272	85323	85029	86934	89263	91712	95785	100151
G 20.0	55517	56523	55517	54854	54645	55659	56923	58367	60962	64133
G 25.0	37153	37950	37153	36714	36641	37192	38076	39288	41183	43642
G 30.0	28484	29261	28484	27991	27880	28375	29282	30557	32383	34745
G 35.0	23358	24032	23358	23114	23217	23428	24085	25277	26802	28945
G 40.0	9486	9692	9486	9355	9361	9788	10268	10841	11718	12926
G 45.0	1440	1487	1440	1421	1454	1559	1637	1713	1859	2052
G 50.0	426	425	426	434	451	480	500	518	562	610
G 55.0	194	201	194	191	191	196	204	218	238	268
G 60.0	75	65	75	77	77	92	96	89	98	107
G 65.0	64	67	64	63	63	53	51	55	47	46
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