

Luminaire

Code 90655L002
Name ELI SQ /E 2 PB 930 35° HO

Measurem.

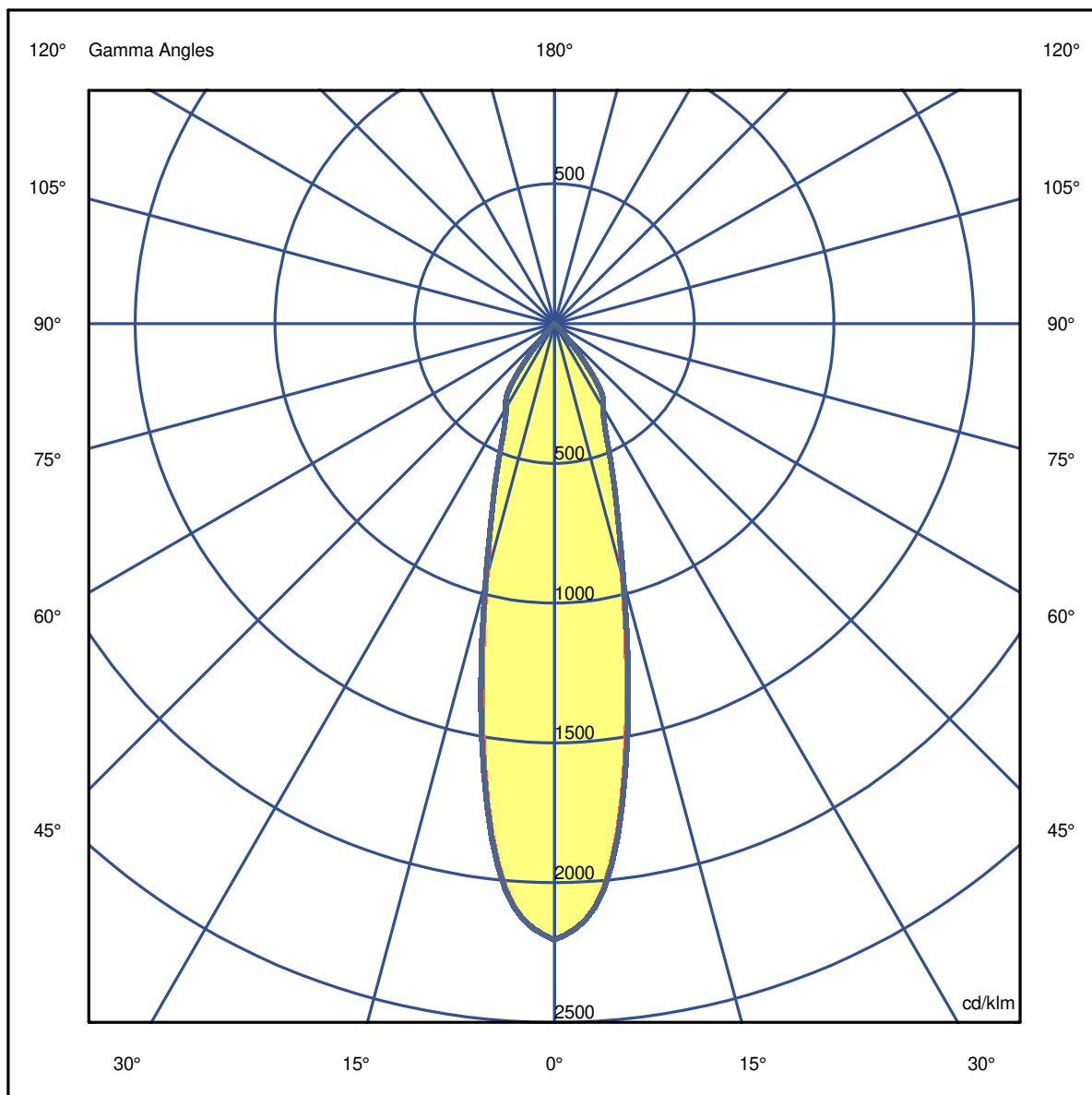
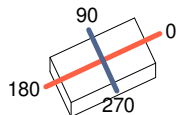
Code 5/9/2023
Name ELI SQ /E 2 PB 930 35° HO

Luminaire Flux	2124 lm	Luminaire Power	16.3 W	Efficacy	130.045 lm/W	Efficiency	85.01%
Source Flux	2498 lm	Maximum value	2204.60 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



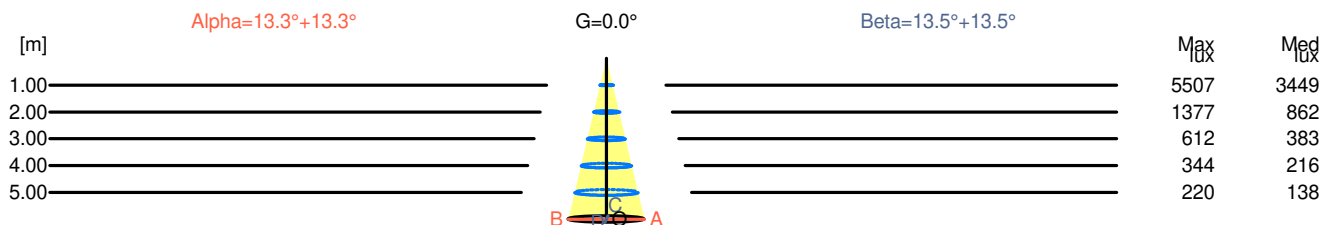
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Width at 50.00 % of Max Intensity

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	0.47	0.71	0.95	1.18	OC	0.24	0.48	0.72	0.96	1.20
OB	0.24	0.47	0.71	0.95	1.18	OD	0.24	0.48	0.72	0.96	1.20

	0	5	15	25	35	45	55	65	75	85
OA	5507.09	5063.70	2353.37	1084.63	703.94	41.22	4.25	1.50	1.50	1.50
OB	5507.09	5063.70	2353.37	1084.63	703.94	41.22	4.25	1.50	1.50	1.50
OC	5507.09	5071.44	2387.59	1087.13	696.44	44.21	4.75	1.50	1.50	1.50
OD	5507.09	5071.44	2387.59	1087.13	696.44	44.21	4.75	1.50	1.50	1.50



H[m]	D[m]	Max lux	Med lux	Alpha=13.3°+13.3°	G=0.0
1.00	0.47	5507	3449		
2.00	0.95	1377	862		
3.00	1.42	612	383		
4.00	1.89	344	216		
5.00	2.37	220	138		

H[m]	D[m]	Max lux	Med lux	Beta=13.5°+13.5°	G=0.0
1.00	0.48	5507	3449		
2.00	0.96	1377	862		
3.00	1.44	612	383		
4.00	1.92	344	216		
5.00	2.40	220	138		

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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	15.1	15.7	15.3	15.9	16.1	14.5	15.1	14.7	15.3	15.5
x=2H y=3H	14.9	15.5	15.2	15.8	16.0	14.3	14.9	14.6	15.1	15.4
x=2H y=4H	14.9	15.4	15.2	15.7	15.9	14.2	14.8	14.5	15.1	15.3
x=2H y=6H	14.8	15.3	15.1	15.6	15.9	14.2	14.7	14.5	15.0	15.3
x=2H y=8H	14.8	15.3	15.1	15.5	15.8	14.1	14.6	14.5	14.9	15.2
x=2H y=12H	14.7	15.2	15.1	15.5	15.8	14.1	14.6	14.4	14.9	15.2
x=4H y=2H	14.9	15.4	15.2	15.7	15.9	14.2	14.8	14.5	15.1	15.3
x=4H y=3H	14.7	15.2	15.1	15.5	15.8	14.1	14.6	14.4	14.9	15.2
x=4H y=4H	14.7	15.1	15.0	15.4	15.7	14.0	14.4	14.4	14.8	15.1
x=4H y=6H	14.6	14.9	15.0	15.3	15.6	13.9	14.3	14.3	14.6	15.0
x=4H y=8H	14.5	14.8	15.0	15.2	15.6	13.9	14.2	14.3	14.6	15.0
x=4H y=12H	14.5	14.8	14.9	15.2	15.6	13.9	14.1	14.3	14.5	15.0
x=8H y=4H	14.5	14.8	15.0	15.2	15.6	13.9	14.2	14.3	14.6	15.0
x=8H y=6H	14.5	14.7	14.9	15.1	15.5	13.8	14.1	14.3	14.5	14.9
x=8H y=8H	14.4	14.6	14.9	15.0	15.5	13.8	14.0	14.3	14.4	14.9
x=8H y=12H	14.4	14.5	14.9	15.0	15.5	13.7	13.9	14.2	14.3	14.8
x=12H y=4H	14.5	14.8	14.9	15.2	15.6	13.9	14.1	14.3	14.5	15.0
x=12H y=6H	14.4	14.6	14.9	15.0	15.5	13.8	14.0	14.3	14.4	14.9
x=12H y=8H	14.4	14.5	14.8	15.0	15.4	13.7	13.9	14.2	14.3	14.8

Luminaire

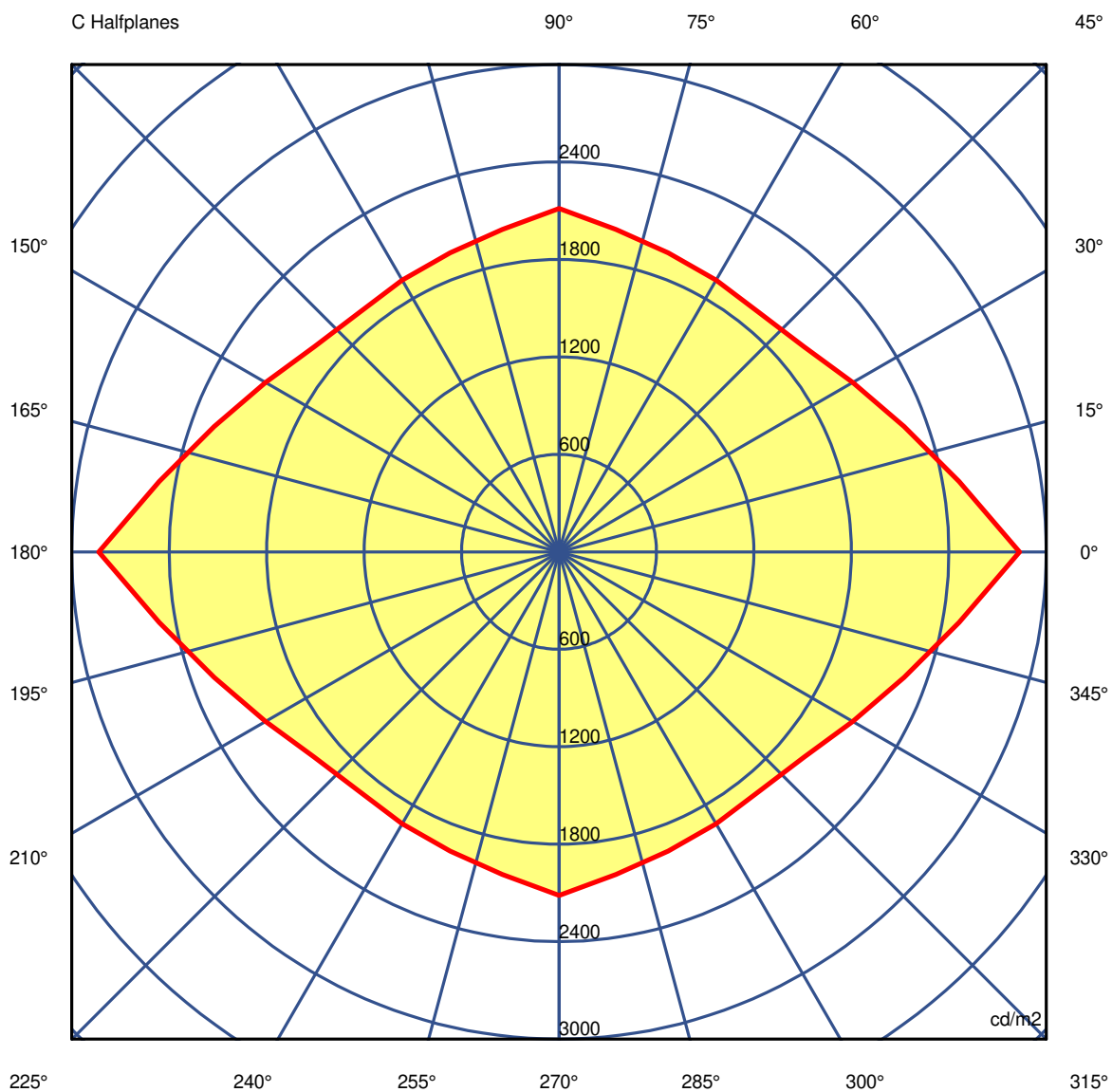
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Source Flux	2498 lm	Maximum value	2204.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measurement

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Luminaire Flux	2124 lm		Luminaire Power		16.3 W		Efficacy		130.045 lm/W		Efficiency		85.01%	
Source Flux	2498 lm		Maximum value		2204.60 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	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072	
G 5.0	357073	352163	347431	343284	340349	337954	336020	336102	337237	338875	337237	336102	336020	
G 10.0	253398	247195	241501	236398	232519	230310	229318	228715	229515	231851	229515	228715	229318	
G 15.0	157329	150543	145375	141667	138293	136452	136248	135976	136400	138110	136400	135976	136248	
G 20.0	103460	97628	93063	89527	86584	85026	84550	84045	84430	85878	84430	84045	84550	
G 25.0	70980	65876	62183	59485	57246	56037	55715	55523	55844	56964	55844	55523	55715	
G 30.0	56740	52240	48977	46552	44531	43267	42751	42612	43022	44051	43022	42612	42751	
G 35.0	46498	42280	39085	36711	35041	33851	33133	33047	33430	34305	33430	33047	33133	
G 40.0	17609	15724	14382	13392	12596	12099	11843	11657	11733	12067	11733	11657	11843	
G 45.0	2835	2500	2260	2087	1966	1920	1933	1961	2017	2115	2017	1961	1933	
G 50.0	692	569	502	462	435	428	443	442	449	465	449	442	443	
G 55.0	315	283	255	233	219	213	216	216	219	227	219	216	216	
G 60.0	214	173	135	106	99	94	92	92	93	97	93	92	92	
G 65.0	124	104	90	81	76	72	70	70	71	74	71	70	70	
G 70.0	134	110	94	84	78	74	72	72	73	76	73	72	72	
G 75.0	147	89	61	59	76	72	49	45	57	79	57	45	49	
G 80.0	163	127	95	62	57	53	52	51	59	83	59	51	52	
G 85.0	185	140	99	66	82	80	54	49	63	88	63	49	54	
G 90.0	216	121	72	54	60	57	43	43	44	47	44	43	43	

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Source Flux		2498 lm		Maximum value		2204.60 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	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072
G 5.0	337954	340349	343284	347431	352163	357073	352163	347431	343284	340349	337954	336020	336102	337954	336102
G 10.0	230310	232519	236398	241501	247195	253398	247195	241501	236398	232519	230310	229318	229318	230310	229318
G 15.0	136452	138293	141667	145375	150543	157329	150543	145375	141667	138293	136452	136248	136248	138293	136248
G 20.0	85026	86584	89527	93063	97628	103460	97628	93063	89527	86584	85026	84550	84550	85026	84550
G 25.0	56037	57246	59485	62183	65876	70980	65876	62183	59485	57246	56037	55715	55715	56037	55715
G 30.0	43267	44531	46552	48977	52240	56740	52240	48977	46552	44531	43267	42751	42751	43267	42751
G 35.0	33851	35041	36711	39085	42280	46498	42280	39085	36711	35041	33851	33133	33133	33851	33133
G 40.0	12099	12596	13392	14382	15724	17609	15724	14382	13392	12596	12099	11843	11843	12099	11843
G 45.0	1920	1966	2087	2260	2500	2835	2500	2260	2087	1966	1920	1933	1933	1966	1933
G 50.0	428	435	462	502	569	692	569	502	462	435	428	443	443	435	443
G 55.0	213	219	233	255	283	315	283	255	233	219	213	216	216	219	216
G 60.0	94	99	106	135	173	214	173	135	106	99	94	92	92	99	92
G 65.0	72	76	81	90	104	124	104	90	81	76	72	70	70	76	70
G 70.0	74	78	84	94	110	134	110	94	84	78	74	72	72	78	72
G 75.0	72	76	59	61	89	147	89	61	59	76	72	49	45	76	49
G 80.0	53	57	62	95	127	163	127	95	62	57	53	52	51	57	52
G 85.0	80	82	66	99	140	185	140	99	66	82	80	54	49	82	54
G 90.0	57	60	54	72	121	216	121	72	54	60	57	43	43	60	43

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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	404072	404072	404072	404072	404072	404072	404072	404072	404072	404072
G 5.0	337237	338875	337237	336102	336020	337954	340349	343284	347431	352163
G 10.0	229515	231851	229515	228715	229318	230310	232519	236398	241501	247195
G 15.0	136400	138110	136400	135976	136248	136452	138293	141667	145375	150543
G 20.0	84430	85878	84430	84045	84550	85026	86584	89527	93063	97628
G 25.0	55844	56964	55844	55523	55715	56037	57246	59485	62183	65876
G 30.0	43022	44051	43022	42612	42751	43267	44531	46552	48977	52240
G 35.0	33430	34305	33430	33047	33133	33851	35041	36711	39085	42280
G 40.0	11733	12067	11733	11657	11843	12099	12596	13392	14382	15724
G 45.0	2017	2115	2017	1961	1933	1920	1966	2087	2260	2500
G 50.0	449	465	449	442	443	428	435	462	502	569
G 55.0	219	227	219	216	216	213	219	233	255	283
G 60.0	93	97	93	92	92	94	99	106	135	173
G 65.0	71	74	71	70	70	72	76	81	90	104
G 70.0	73	76	73	72	72	74	78	84	94	110
G 75.0	57	79	57	45	49	72	76	59	61	89
G 80.0	59	83	59	51	52	53	57	62	95	127
G 85.0	63	88	63	49	54	80	82	66	99	140
G 90.0	44	47	44	43	43	57	60	54	72	121