

Luminaire

Code 90654L002
Name ELI /E 2 PB 940 35° HO

Measurem.

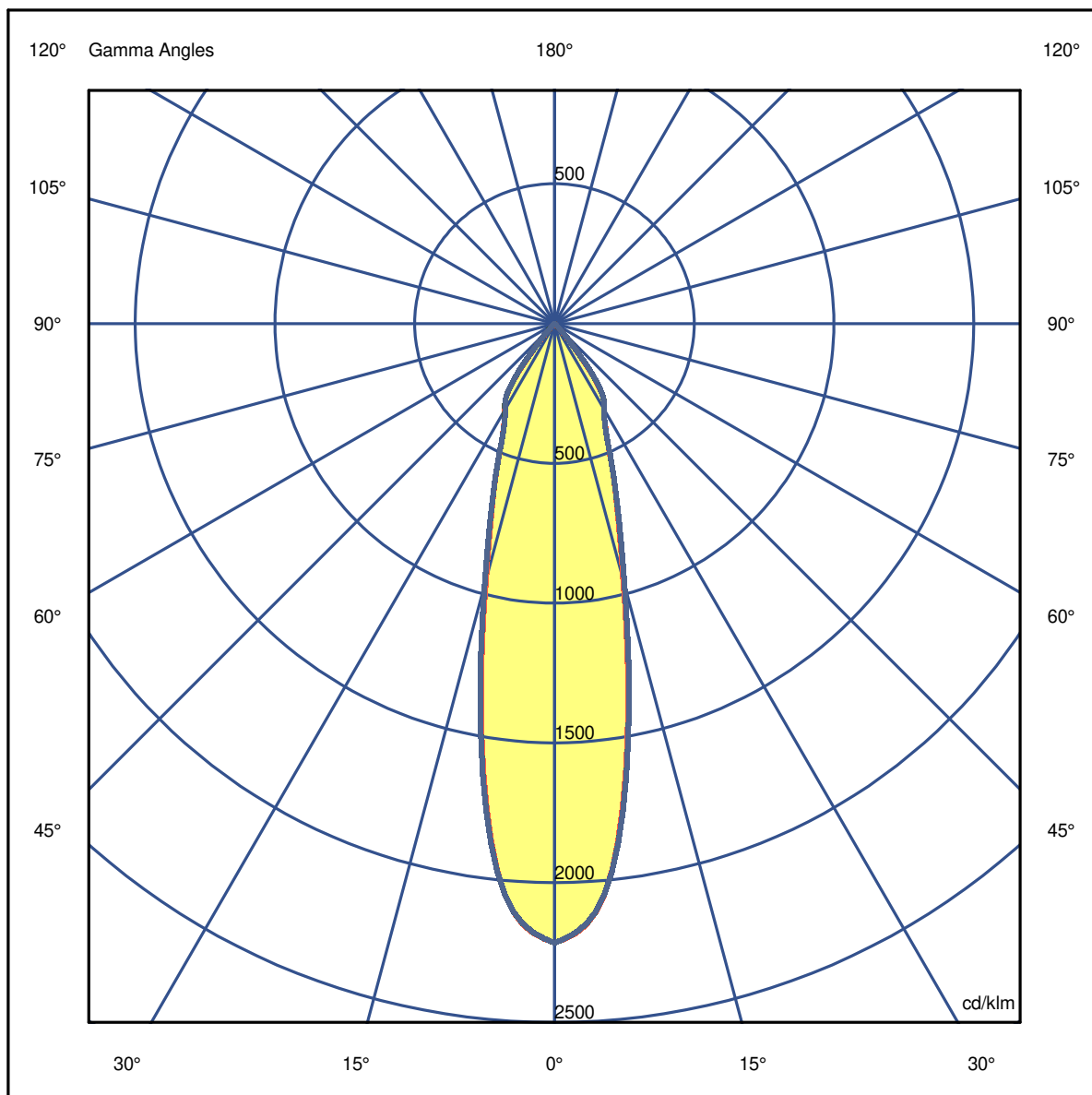
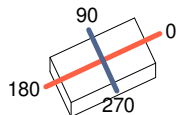
Code 5/9/2023
Name ELI /E 2 PB 940 35° HO

Luminaire Flux	2319 lm	Luminaire Power	16.3 W	Efficacy	141.997 lm/W	Efficiency	85.88%
Source Flux	2700 lm	Maximum value	2214.70 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



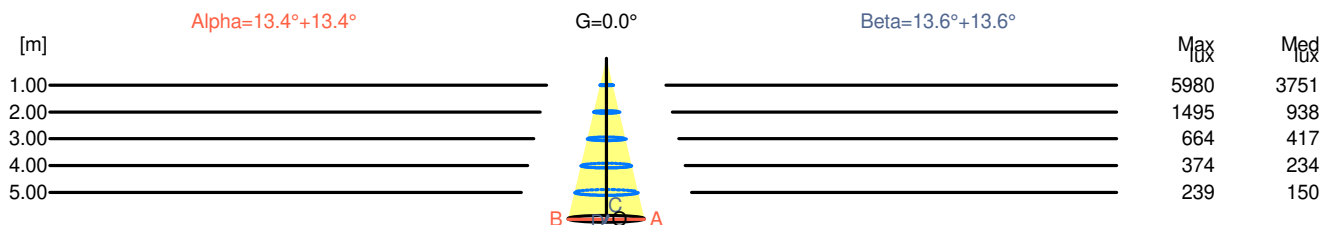
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Width at 50.00 % of Max Intensity

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	0.71	0.95	1.19	OC	0.24	0.48	0.72	0.97	1.21
OB	0.24	0.48	0.71	0.95	1.19	OD	0.24	0.48	0.72	0.97	1.21

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5979.69	5532.57	2561.49	1190.16	752.22	45.36	6.21	2.70	2.16	1.35
OB	5979.69	5532.57	2561.49	1190.16	752.22	45.36	6.21	2.70	2.16	1.35
OC	5979.69	5531.49	2614.68	1189.89	761.67	51.57	6.21	2.70	2.16	2.16
OD	5979.69	5531.49	2614.68	1189.89	761.67	51.57	6.21	2.70	2.16	2.16



H[m]	D[m]	Max lux	Med lux	Alpha=13.4°+13.4°	G=0.0
1.00	0.48	5980	3751		
2.00	0.95	1495	938		
3.00	1.43	664	417		
4.00	1.90	374	234		
5.00	2.38	239	150		

H[m]	D[m]	Max lux	Med lux	Beta=13.6°+13.6°	G=0.0
1.00	0.48	5980	3751		
2.00	0.97	1495	938		
3.00	1.45	664	417		
4.00	1.93	374	234		
5.00	2.41	239	150		

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Source Flux	2700 lm	Maximum value	2214.70 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	15.3	15.9	15.5	16.1	16.3	14.7	15.4	15.0	15.6	15.8
x=2H y=3H	15.1	15.7	15.4	16.0	16.2	14.6	15.2	14.9	15.4	15.7
x=2H y=4H	15.1	15.6	15.4	15.9	16.1	14.5	15.1	14.8	15.3	15.6
x=2H y=6H	15.0	15.5	15.3	15.8	16.1	14.5	15.0	14.8	15.3	15.5
x=2H y=8H	14.9	15.4	15.3	15.7	16.0	14.4	14.9	14.7	15.2	15.5
x=2H y=12H	14.9	15.4	15.3	15.7	16.0	14.4	14.8	14.7	15.1	15.5
x=4H y=2H	15.1	15.6	15.4	15.9	16.1	14.5	15.1	14.8	15.3	15.6
x=4H y=3H	14.9	15.4	15.3	15.7	16.0	14.4	14.8	14.7	15.1	15.5
x=4H y=4H	14.8	15.2	15.2	15.6	15.9	14.3	14.7	14.7	15.0	15.4
x=4H y=6H	14.8	15.1	15.2	15.5	15.8	14.2	14.6	14.6	14.9	15.3
x=4H y=8H	14.7	15.0	15.1	15.4	15.8	14.2	14.5	14.6	14.9	15.3
x=4H y=12H	14.7	14.9	15.1	15.4	15.8	14.2	14.4	14.6	14.8	15.2
x=8H y=4H	14.7	15.0	15.1	15.4	15.8	14.2	14.5	14.6	14.9	15.3
x=8H y=6H	14.7	14.9	15.1	15.3	15.7	14.1	14.3	14.6	14.7	15.2
x=8H y=8H	14.6	14.8	15.1	15.2	15.7	14.1	14.2	14.5	14.7	15.2
x=8H y=12H	14.5	14.7	15.0	15.2	15.7	14.0	14.2	14.5	14.6	15.1
x=12H y=4H	14.7	14.9	15.1	15.3	15.8	14.2	14.4	14.6	14.8	15.2
x=12H y=6H	14.6	14.8	15.1	15.2	15.7	14.1	14.2	14.5	14.7	15.2
x=12H y=8H	14.5	14.7	15.0	15.2	15.7	14.0	14.2	14.5	14.6	15.1

Luminaire

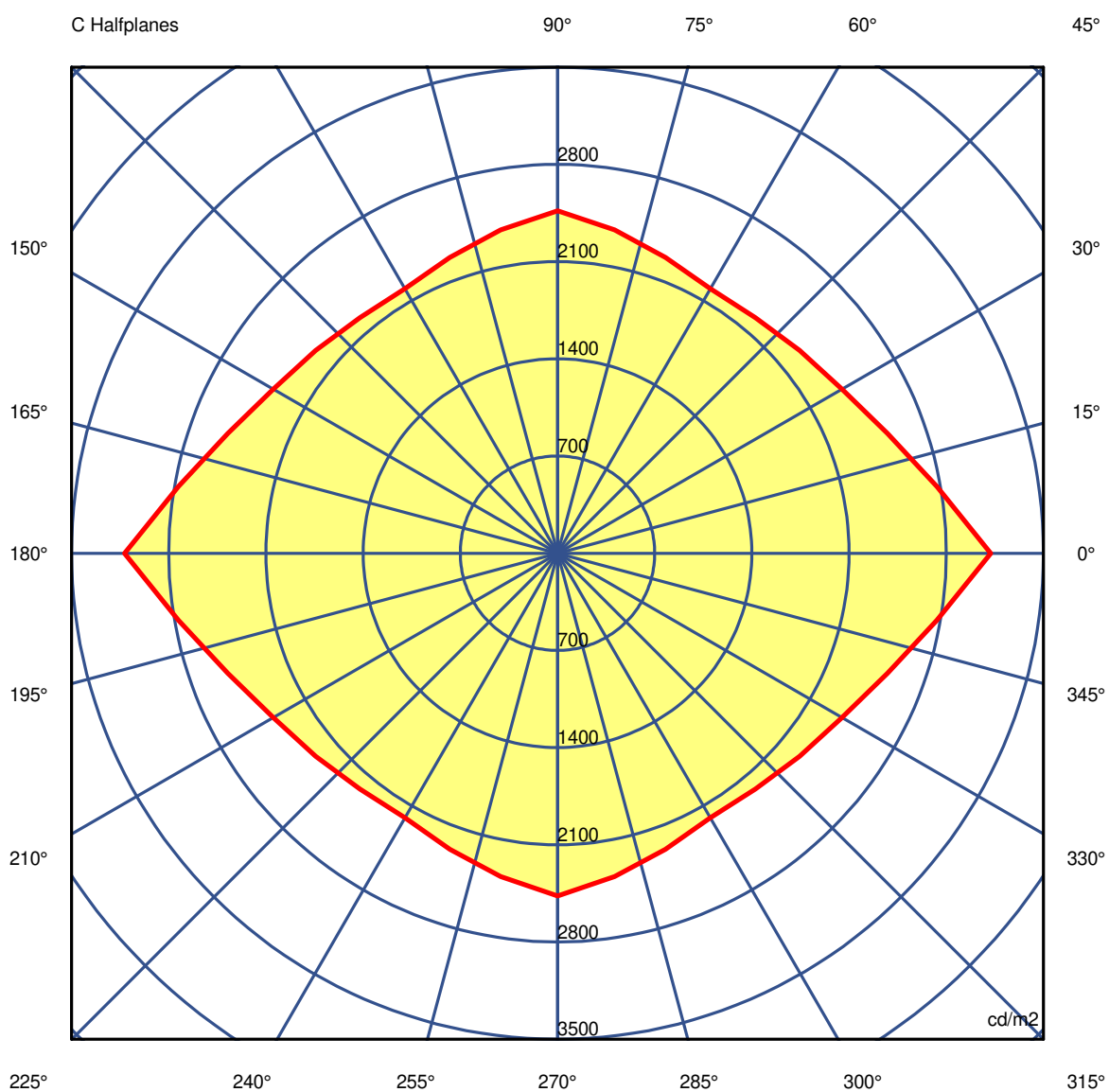
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Luminaire Flux	2319 lm	Luminaire Power	16.3 W	Efficacy	141.997 lm/W	Efficiency	85.88%
Source Flux	2700 lm	Maximum value	2214.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Source Flux	2700 lm	Maximum value				2214.70 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	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748
G 5.0	390136	384161	378470	373562	370318	367707	366057	366739	368152	369615	368152	366739	366057
G 10.0	276991	269577	263362	258121	253762	251348	250575	250096	250720	253002	250720	250096	250575
G 15.0	171243	163913	158517	154877	151241	149374	149440	149149	149488	151246	149488	149149	149440
G 20.0	113001	106735	101764	97888	95095	93539	93061	92584	93040	94627	93040	92584	93061
G 25.0	77886	72373	68317	65361	63052	61630	61018	60721	61092	62349	61092	60721	61018
G 30.0	62619	57638	53987	51265	49050	47619	46974	46819	47242	48337	47242	46819	46974
G 35.0	49687	45242	41894	39398	37608	36454	35890	35883	36420	37518	36420	35883	35890
G 40.0	16604	15026	14011	13362	12841	12523	12374	12283	12441	12939	12441	12283	12374
G 45.0	3120	2773	2528	2366	2275	2215	2200	2269	2365	2467	2365	2269	2200
G 50.0	825	753	666	583	549	527	516	514	520	528	520	514	516
G 55.0	460	406	377	365	356	330	295	283	287	298	287	283	295
G 60.0	316	254	220	200	186	173	161	169	175	170	175	169	161
G 65.0	224	187	156	132	130	132	126	116	117	134	117	116	126
G 70.0	242	182	153	137	126	120	116	116	115	110	115	116	116
G 75.0	211	184	164	143	121	108	107	117	121	114	121	117	107
G 80.0	147	163	165	151	127	115	112	111	114	120	114	111	112
G 85.0	167	180	177	161	139	108	88	106	120	127	120	106	88
G 90.0	117	128	113	97	87	81	78	78	80	85	80	78	78

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Source Flux	2700 lm		Maximum value		2214.70 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	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748
G 5.0	367707	370318	373562	378470	384161	390136	384161	378470	373562	370318	367707	366057	366739	366739	366739
G 10.0	251348	253762	258121	263362	269577	276991	269577	263362	258121	253762	251348	250575	250096	250096	250096
G 15.0	149374	151241	154877	158517	163913	171243	163913	158517	154877	151241	149374	149440	149149	149149	149149
G 20.0	93539	95095	97888	101764	106735	113001	106735	101764	97888	95095	93539	93061	92584	92584	92584
G 25.0	61630	63052	65361	68317	72373	77886	72373	68317	65361	63052	61630	61018	60721	60721	60721
G 30.0	47619	49050	51265	53987	57638	62619	57638	53987	51265	49050	47619	46974	46819	46819	46819
G 35.0	36454	37608	39398	41894	45242	49687	45242	41894	39398	37608	36454	35890	35883	35883	35883
G 40.0	12523	12841	13362	14011	15026	16604	15026	14011	13362	12841	12523	12374	12283	12283	12283
G 45.0	2215	2275	2366	2528	2773	3120	2773	2528	2366	2275	2215	2200	2269	2269	2269
G 50.0	527	549	583	666	753	825	753	666	583	549	527	516	514	514	514
G 55.0	330	356	365	377	406	460	406	377	365	356	330	295	283	283	283
G 60.0	173	186	200	220	254	316	254	220	200	186	173	161	169	169	169
G 65.0	132	130	132	156	187	224	187	156	132	130	132	126	116	116	116
G 70.0	120	126	137	153	182	242	182	153	137	126	120	116	116	116	116
G 75.0	108	121	143	164	184	211	184	164	143	121	108	107	117	117	117
G 80.0	115	127	151	165	163	147	163	165	151	127	115	112	111	111	111
G 85.0	108	139	161	177	180	167	180	177	161	139	108	88	106	106	106
G 90.0	81	87	97	113	128	117	128	113	97	87	81	78	78	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	438748	438748	438748	438748	438748	438748	438748	438748	438748	438748
G 5.0	368152	369615	368152	366739	366057	367707	370318	373562	378470	384161
G 10.0	250720	253002	250720	250096	250575	251348	253762	258121	263362	269577
G 15.0	149488	151246	149488	149149	149440	149374	151241	154877	158517	163913
G 20.0	93040	94627	93040	92584	93061	93539	95095	97888	101764	106735
G 25.0	61092	62349	61092	60721	61018	61630	63052	65361	68317	72373
G 30.0	47242	48337	47242	46819	46974	47619	49050	51265	53987	57638
G 35.0	36420	37518	36420	35883	35890	36454	37608	39398	41894	45242
G 40.0	12441	12939	12441	12283	12374	12523	12841	13362	14011	15026
G 45.0	2365	2467	2365	2269	2200	2215	2275	2366	2528	2773
G 50.0	520	528	520	514	516	527	549	583	666	753
G 55.0	287	298	287	283	295	330	356	365	377	406
G 60.0	175	170	175	169	161	173	186	200	220	254
G 65.0	117	134	117	116	126	132	130	132	156	187
G 70.0	115	110	115	116	116	120	126	137	153	182
G 75.0	121	114	121	117	107	108	121	143	164	184
G 80.0	114	120	114	111	112	115	127	151	165	163
G 85.0	120	127	120	106	88	108	139	161	177	180
G 90.0	80	85	80	78	78	81	87	97	113	128