

Luminaire

Code 90684L260

Name ELI 50 /W D/I L260 PB 940 50° HO

Measurement

Code 1/6/2022

Name ELI 50 /W D/I L260 PB 940 50° HO

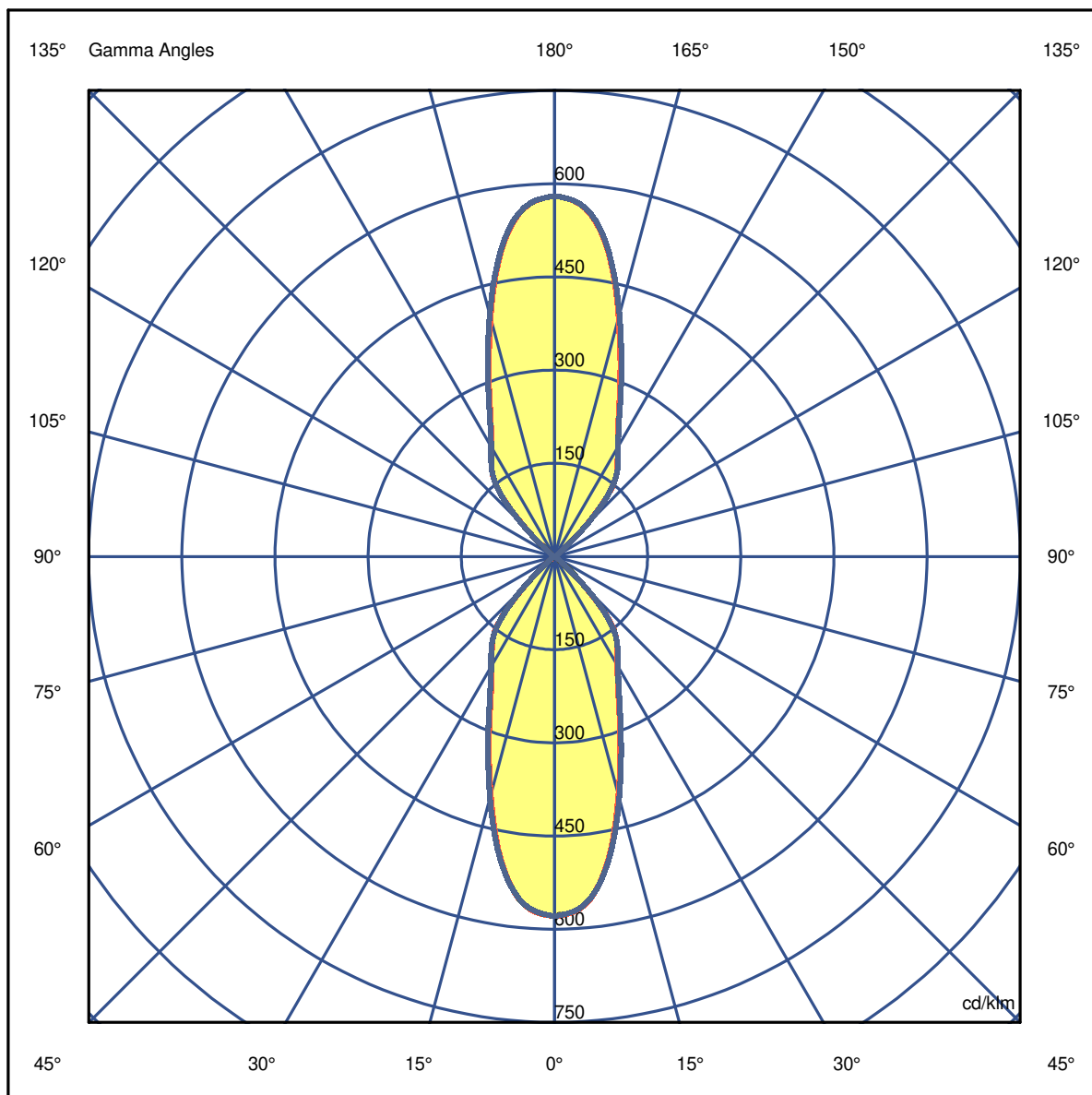
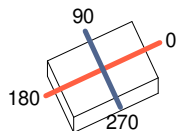
Luminaire Flux	1214 lm	Luminaire Power	10.2 W	Efficacy	118.539 lm/W	Efficiency	90.99%
Source Flux	1334 lm	Maximum value	580.30 cd/klm	Position	C=0.00 G=180.00	CG	Double Symmetrical

50mm x 75mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



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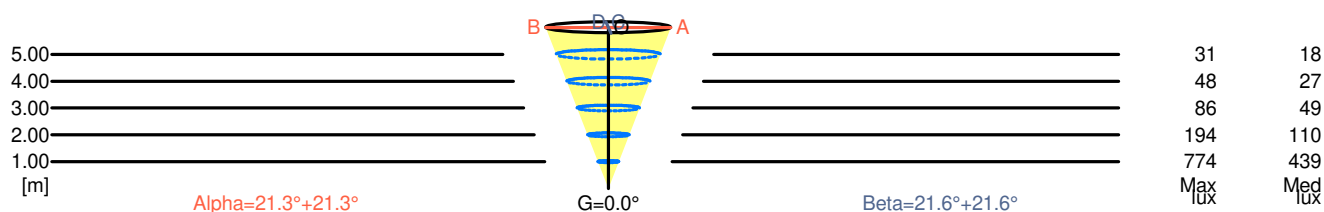
Name ELI 50 /W D/I L260 PB 940 50° HO

Luminaire Flux	1214 lm	Luminaire Power	10.2 W	Efficacy	118.539 lm/W	Efficiency	90.99%
Source Flux	1334 lm	Maximum value	580.30 cd/klm	Position	C=0.00 G=180.00	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	0.39	0.78	1.17	1.56	1.95	OC	0.40	0.79	1.19	1.59	1.98
OB	0.39	0.78	1.17	1.56	1.95	OD	0.40	0.79	1.19	1.59	1.98

	0	5	15	25	35	45	55	65	75	85
OA	774.12	750.91	530.53	324.16	235.05	98.05	9.60	3.47	0.67	0.00
OB	774.12	750.91	530.53	324.16	235.05	98.05	9.60	3.47	0.67	0.00
OC	774.12	751.98	537.87	328.96	237.05	100.05	10.01	3.47	0.67	0.00
OD	774.12	751.98	537.87	328.96	237.05	100.05	10.01	3.47	0.67	0.00



5.00	3.89	31	18		
4.00	3.11	48	27		
3.00	2.33	86	49		
2.00	1.56	194	110		
1.00	0.78	774	439		
H[m]	D[m]	Max lux	Med lux	Alpha=21.3°+21.3°	G=0.0

5.00	3.96	31	18		
4.00	3.17	48	27		
3.00	2.38	86	49		
2.00	1.59	194	110		
1.00	0.79	774	439		
H[m]	D[m]	Max lux	Med lux	Beta=21.6°+21.6°	G=0.0

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Luminaire Flux	1214 lm	Luminaire Power	10.2 W	Efficacy	118.539 lm/W	Efficiency	90.99%
Source Flux	1334 lm	Maximum value	580.30 cd/klm	Position	C=0.00 G=180.00	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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	19.7	20.4	20.6	21.2	22.3	19.8	20.4	20.6	21.2	22.3
x=2H y=3H	19.5	20.0	20.4	20.9	22.0	19.5	20.0	20.4	20.9	22.0
x=2H y=4H	19.4	19.9	20.3	20.8	21.9	19.4	19.9	20.3	20.8	21.9
x=2H y=6H	19.2	19.7	20.2	20.6	21.7	19.2	19.7	20.2	20.6	21.8
x=2H y=8H	19.1	19.6	20.1	20.5	21.7	19.1	19.6	20.1	20.5	21.7
x=2H y=12H	19.1	19.5	20.0	20.4	21.6	19.1	19.5	20.0	20.4	21.6
x=4H y=2H	19.4	19.9	20.3	20.8	21.9	19.4	19.9	20.3	20.8	21.9
x=4H y=3H	19.1	19.5	20.1	20.4	21.6	19.1	19.5	20.1	20.5	21.6
x=4H y=4H	18.9	19.3	19.9	20.3	21.5	19.0	19.3	19.9	20.3	21.5
x=4H y=6H	18.8	19.1	19.8	20.1	21.3	18.8	19.1	19.8	20.1	21.3
x=4H y=8H	18.7	19.0	19.7	20.0	21.2	18.7	19.0	19.7	20.0	21.2
x=4H y=12H	18.6	18.9	19.7	19.9	21.2	18.6	18.9	19.7	19.9	21.2
x=8H y=4H	18.7	19.0	19.7	20.0	21.2	18.7	19.0	19.7	20.0	21.2
x=8H y=6H	18.6	18.8	19.6	19.8	21.1	18.6	18.8	19.6	19.8	21.1
x=8H y=8H	18.5	18.7	19.5	19.7	21.0	18.5	18.7	19.5	19.7	21.0
x=8H y=12H	18.4	18.6	19.4	19.6	20.9	18.4	18.6	19.5	19.6	20.9
x=12H y=4H	18.6	18.9	19.6	19.9	21.2	18.6	18.9	19.7	19.9	21.2
x=12H y=6H	18.5	18.7	19.5	19.7	21.0	18.5	18.7	19.5	19.7	21.0
x=12H y=8H	18.4	18.6	19.4	19.6	20.9	18.4	18.6	19.5	19.6	20.9

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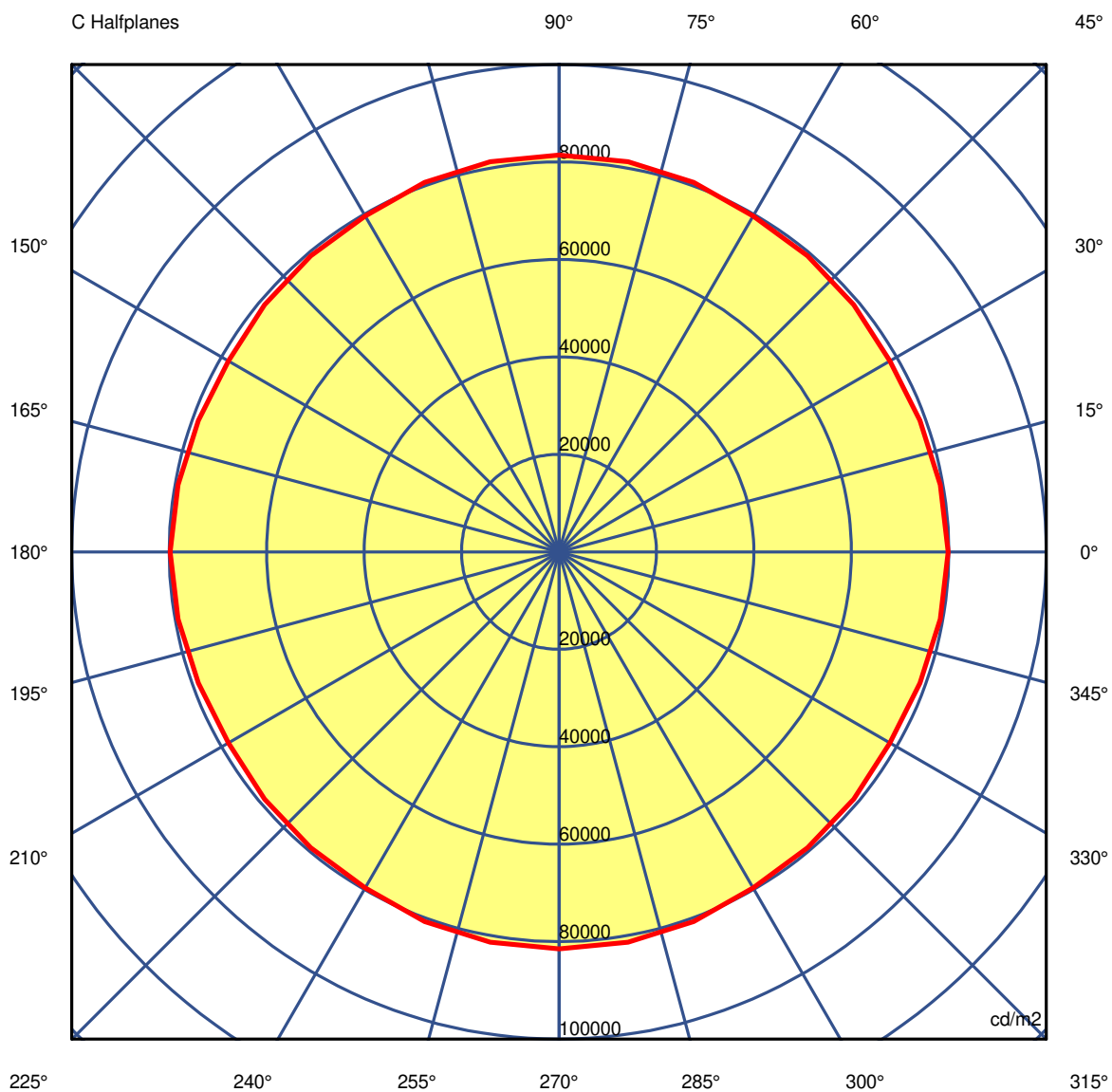
Measurem.

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Name ELI 50 /W D/I L260 PB 940 50° HO

Luminaire Flux	1214 lm	Luminaire Power	10.2 W	Efficacy	118.539 lm/W	Efficiency	90.99%
Source Flux	1334 lm	Maximum value	580.30 cd/klm	Position	C=0.00 G=180.00	CG Double Symmetrical	

Luminance



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Name ELI 50 /W D/I L260 PB 940 50° HO

Luminaire Flux	1214 lm		Luminaire Power		10.2 W		Efficacy		118.539 lm/W		Efficiency		90.99%	
Source Flux	1334 lm		Maximum value		580.30 cd/klm		Position		C=0.00 G=180.00		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	445040	445040	445040	445040	445040	445040	445040	445040	445040	445040	445040	445040	445040	
G 5.0	434159	433276	433576	434159	433110	432584	433233	433539	433507	433387	433507	433539	433233	
G 10.0	387258	387258	388185	389288	386604	384084	384760	387963	389767	389054	389767	387963	384760	
G 15.0	315703	314357	314769	315942	315244	314378	315226	317971	319471	320002	319471	317971	315226	
G 20.0	252102	250633	249901	249974	250410	251322	252756	254426	255637	256275	255637	254426	252756	
G 25.0	205480	204683	204169	203952	203877	204148	204886	206011	207357	208788	207357	206011	204886	
G 30.0	179790	179664	179304	178813	178583	178810	179257	179544	180210	181388	180210	179544	179257	
G 35.0	164828	164703	164640	164640	164287	164208	164546	164897	165383	166048	165383	164897	164546	
G 40.0	142831	143037	143207	143132	142609	142134	142028	142152	141956	141325	141956	142152	142028	
G 45.0	79814	79436	78816	78401	78883	79281	79597	80713	81301	81445	81301	80713	79597	
G 50.0	18182	19148	18636	17345	17345	17175	16747	17102	17345	17345	17345	17102	16747	
G 55.0	9652	10250	10567	10724	11042	11074	10724	10401	10320	10456	10320	10401	10724	
G 60.0	7228	7381	7769	8304	8661	8827	8765	8443	8304	8304	8304	8443	8765	
G 65.0	4730	4730	4793	5094	5557	5521	5094	5094	5094	5094	5094	5094	5094	
G 70.0	2923	2923	3202	3597	3082	3095	3597	3149	2965	3597	2965	3149	3597	
G 75.0	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	
G 80.0	2214	2214	1936	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	
G 85.0	0	0	0	0	0	997	2647	1027	0	0	0	1027	2647	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Luminaire Flux	1214 lm		Luminaire Power		10.2 W		Efficacy		118.539 lm/W		Efficiency		90.99%	
Source Flux	1334 lm		Maximum value		580.30 cd/klm		Position		C=0.00 G=180.00		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	445040	445040	445040	445040	445040	445040	445040	445040	445040	445040	445040	445040	445040	
G 5.0	432584	433110	434159	433576	433276	434159	433276	433576	434159	433110	432584	433233	433539	
G 10.0	384084	386604	389288	388185	387258	387258	387258	388185	389288	386604	384084	384760	387963	
G 15.0	314378	315244	315942	314769	314357	315703	314357	314769	315942	315244	314378	315226	317971	
G 20.0	251322	250410	249974	249901	250633	252102	250633	249901	249974	250410	251322	252756	254426	
G 25.0	204148	203877	203952	204169	204683	205480	204683	204169	203952	203877	204148	204886	206011	
G 30.0	178810	178583	178813	179304	179664	179790	179664	179304	178813	178583	178810	179257	179544	
G 35.0	164208	164287	164640	164640	164703	164828	164703	164640	164640	164287	164208	164546	164897	
G 40.0	142134	142609	143132	143207	143037	142831	143037	143207	143132	142609	142134	142028	142152	
G 45.0	79281	78883	78401	78816	79436	79814	79436	78816	78401	78883	79281	79597	80713	
G 50.0	17175	17345	17345	18636	19148	18182	19148	18636	17345	17345	17175	16747	17102	
G 55.0	11074	11042	10724	10567	10250	9652	10250	10567	10724	11042	11074	10724	10401	
G 60.0	8827	8661	8304	7769	7381	7228	7381	7769	8304	8661	8827	8765	8443	
G 65.0	5521	5557	5094	4793	4730	4730	4730	4793	5094	5557	5521	5094	5094	
G 70.0	3095	3082	3597	3202	2923	2923	2923	3202	3597	3082	3095	3597	3149	
G 75.0	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	
G 80.0	1328	1328	1328	1936	2214	2214	2214	1936	1328	1328	1328	1328	1328	
G 85.0	997	0	0	0	0	0	0	0	0	0	997	2647	1027	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Measurem.

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Source Flux	1334 lm	Maximum value	580.30 cd/klm	Position	C=0.00 G=180.00	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	445040	445040	445040	445040	445040	445040	445040	445040	445040	445040
G 5.0	433507	433387	433507	433539	433233	432584	433110	434159	433576	433276
G 10.0	389767	389054	389767	387963	384760	384084	386604	389288	388185	387258
G 15.0	319471	320002	319471	317971	315226	314378	315244	315942	314769	314357
G 20.0	255637	256275	255637	254426	252756	251322	250410	249974	249901	250633
G 25.0	207357	208788	207357	206011	204886	204148	203877	203952	204169	204683
G 30.0	180210	181388	180210	179544	179257	178810	178583	178813	179304	179664
G 35.0	165383	166048	165383	164897	164546	164208	164287	164640	164640	164703
G 40.0	141956	141325	141956	142152	142028	142134	142609	143132	143207	143037
G 45.0	81301	81445	81301	80713	79597	79281	78883	78401	78816	79436
G 50.0	17345	17345	17345	17102	16747	17175	17345	17345	18636	19148
G 55.0	10320	10456	10320	10401	10724	11074	11042	10724	10567	10250
G 60.0	8304	8304	8304	8443	8765	8827	8661	8304	7769	7381
G 65.0	5094	5094	5094	5094	5094	5521	5557	5094	4793	4730
G 70.0	2965	3597	2965	3149	3597	3095	3082	3597	3202	2923
G 75.0	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485
G 80.0	1328	1328	1328	1328	1328	1328	1328	1328	1936	2214
G 85.0	0	0	0	1027	2647	997	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0