

Luminaire

Code 90687L240
Name ELI 50 SQ L240 PB 940 20° LO

Measurement

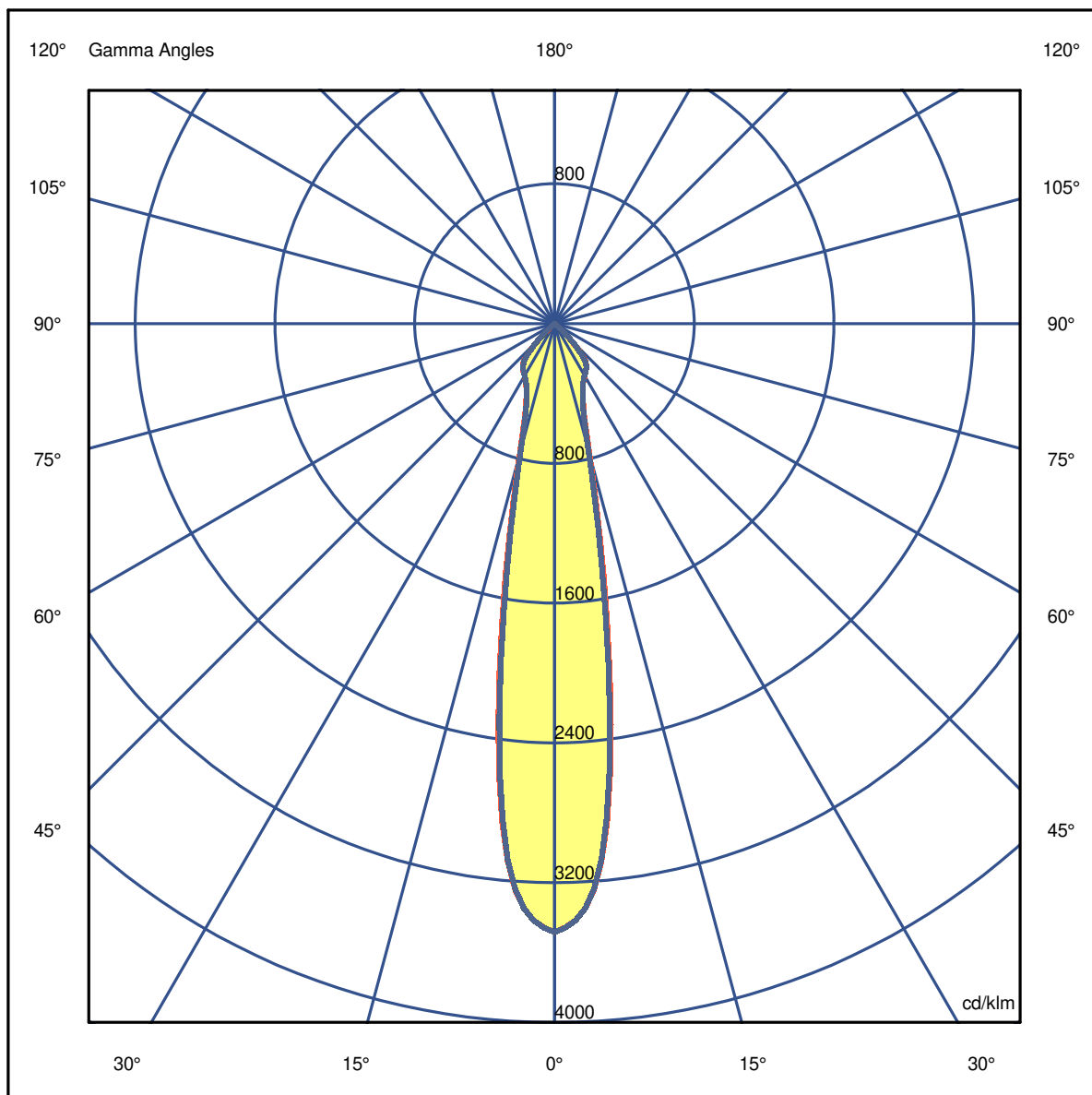
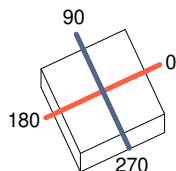
Code 1/6/2022
Name ELI 50 SQ L240 PB 940 20° LO

Luminaire Flux	749 lm	Luminaire Power	6.8 W	Efficacy	110.327 lm/W	Efficiency	98.31%
Source Flux	762 lm	Maximum value	3483.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

50mm x 50mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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Measur.

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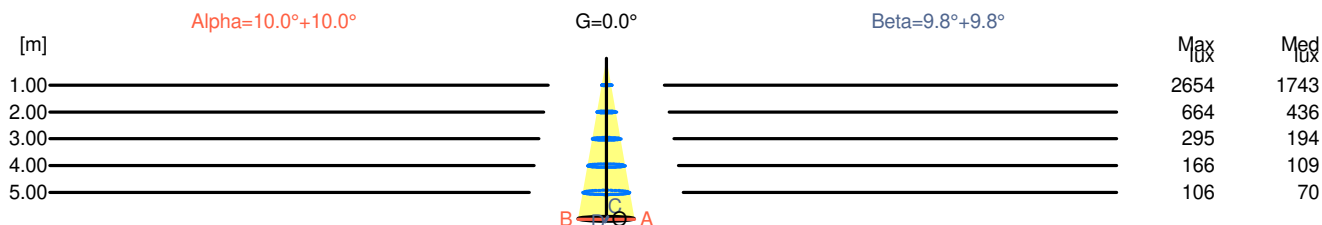
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Width at 50.00 % of Max Intensity



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	0.18	0.35	0.53	0.70	0.88	OC	0.17	0.34	0.52	0.69	0.86
OB	0.18	0.35	0.53	0.70	0.88	OD	0.17	0.34	0.52	0.69	0.86

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	2654.35	2353.06	587.43	294.06	240.87	96.09	3.12	1.37	0.69	0.38
OB	2654.35	2353.06	587.43	294.06	240.87	96.09	3.12	1.37	0.69	0.38
OC	2654.35	2344.52	566.09	291.54	239.65	100.28	2.74	1.37	0.69	0.00
OD	2654.35	2344.52	566.09	291.54	239.65	100.28	2.74	1.37	0.69	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=10.0°+10.0°	G=0.0	
1.00	0.35	2654	1743			
2.00	0.70	664	436			
3.00	1.06	295	194			
4.00	1.41	166	109			
5.00	1.76	106	70			

H[m]	D[m]	Max lux	Med lux	Beta=9.8°+9.8°	G=0.0	
1.00	0.34	2654	1743			
2.00	0.69	664	436			
3.00	1.03	295	194			
4.00	1.38	166	109			
5.00	1.72	106	70			

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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	19.3	20.1	19.6	20.3	20.5	19.4	20.1	19.6	20.3	20.5
x=2H y=3H	19.2	19.9	19.5	20.1	20.3	19.2	19.9	19.5	20.1	20.3
x=2H y=4H	19.1	19.8	19.4	20.0	20.3	19.1	19.8	19.4	20.0	20.3
x=2H y=6H	19.1	19.6	19.4	19.9	20.2	19.1	19.6	19.4	19.9	20.2
x=2H y=8H	19.0	19.6	19.4	19.9	20.2	19.0	19.6	19.4	19.9	20.2
x=2H y=12H	19.0	19.5	19.3	19.8	20.1	19.0	19.5	19.3	19.8	20.1
x=4H y=2H	19.1	19.8	19.4	20.0	20.3	19.1	19.8	19.4	20.0	20.3
x=4H y=3H	19.0	19.5	19.3	19.8	20.1	19.0	19.5	19.3	19.8	20.1
x=4H y=4H	18.9	19.4	19.3	19.7	20.0	18.9	19.4	19.3	19.7	20.0
x=4H y=6H	18.8	19.2	19.2	19.6	20.0	18.8	19.2	19.2	19.6	20.0
x=4H y=8H	18.8	19.1	19.2	19.5	19.9	18.8	19.1	19.2	19.5	19.9
x=4H y=12H	18.8	19.0	19.2	19.5	19.9	18.8	19.0	19.2	19.5	19.9
x=8H y=4H	18.8	19.1	19.2	19.5	19.9	18.8	19.1	19.2	19.5	19.9
x=8H y=6H	18.7	19.0	19.2	19.4	19.8	18.7	19.0	19.2	19.4	19.8
x=8H y=8H	18.7	18.9	19.1	19.3	19.8	18.7	18.9	19.1	19.3	19.8
x=8H y=12H	18.6	18.8	19.1	19.3	19.8	18.6	18.8	19.1	19.3	19.8
x=12H y=4H	18.8	19.0	19.2	19.5	19.9	18.8	19.0	19.2	19.5	19.9
x=12H y=6H	18.7	18.9	19.1	19.3	19.8	18.7	18.9	19.1	19.3	19.8
x=12H y=8H	18.6	18.8	19.1	19.3	19.8	18.6	18.8	19.1	19.3	19.8

Luminaire

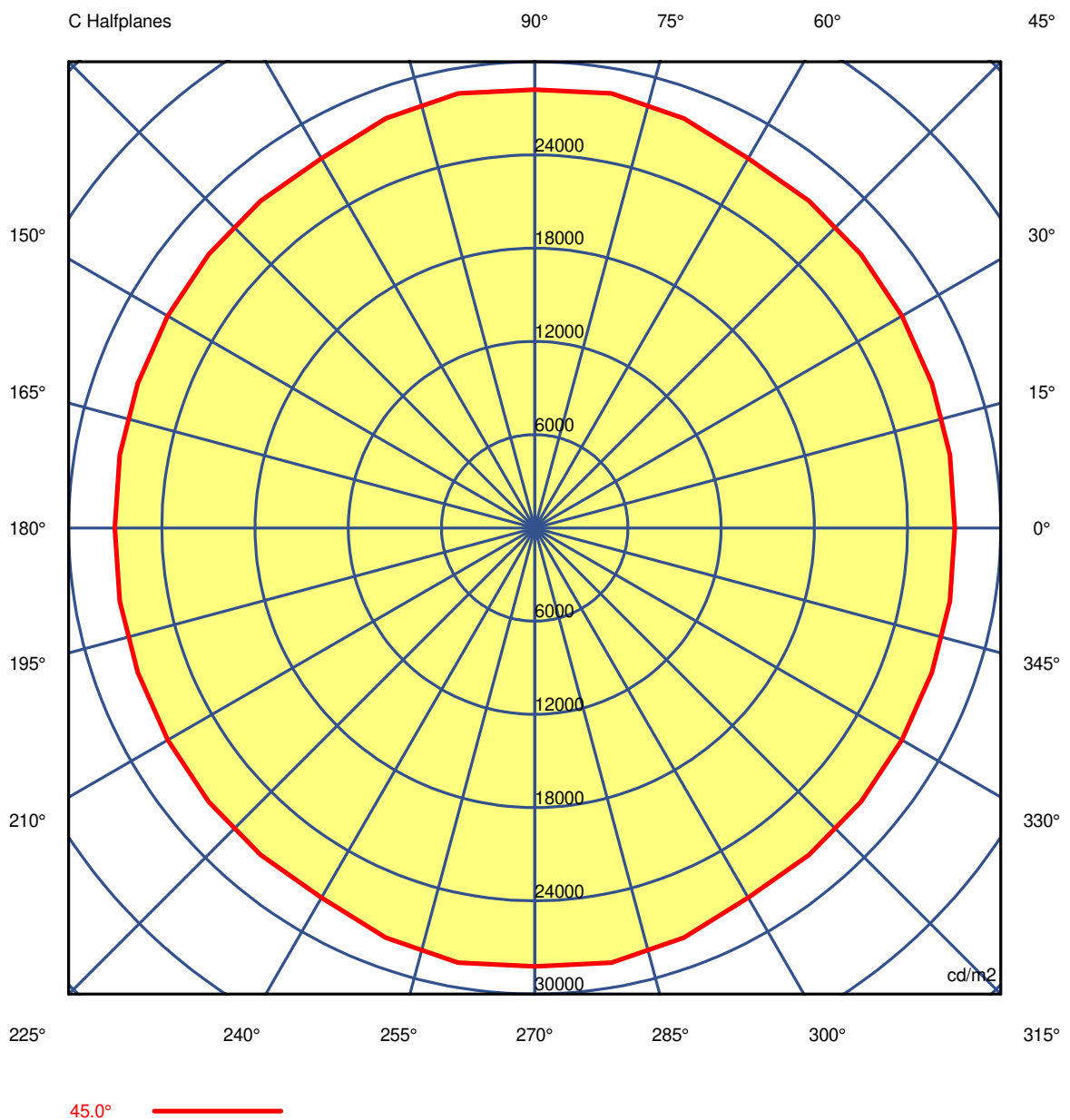
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Source Flux	762 lm	Maximum value	3483.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux		749 lm		Luminaire Power		6.8 W		Efficacy		110.327 lm/W		Efficiency		98.31%	
Source Flux		762 lm		Maximum value		3483.40 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	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934
G 5.0	1167721	1165354	1166887	1171653	1175442	1177928	1180426	1182845	1177414	1163485	1177414	1182845	1182845	1180426	1167721
G 10.0	579716	578168	575201	572430	572384	569653	566280	569298	568322	559696	568322	569298	569298	566280	579716
G 15.0	232428	232288	231623	230408	230160	228927	226609	225220	224515	223986	224515	225220	225220	226609	232428
G 20.0	132542	132205	131567	131021	131002	130494	129500	129970	130440	130136	130440	129970	129970	130494	132542
G 25.0	99249	99054	98814	98632	98621	98381	98040	98151	98348	98400	98348	98151	98151	98381	99249
G 30.0	83644	83475	83345	83305	83322	83241	83063	83155	83249	83281	83249	83155	83155	83063	83644
G 35.0	72808	72745	72557	72417	72576	72495	72256	72475	72621	72440	72621	72475	72475	72256	72808
G 40.0	58591	58434	58348	58304	58274	58080	57750	57883	57893	57529	57893	57883	57883	57750	58591
G 45.0	27043	27137	27197	27279	27408	27472	27472	28049	28395	28222	28395	28049	28049	27472	27043
G 50.0	2767	2858	2789	2620	2563	2545	2515	2507	2531	2578	2531	2507	2507	2545	2767
G 55.0	847	847	825	785	796	806	785	754	743	743	743	754	754	806	847
G 60.0	554	554	554	554	554	538	513	538	554	554	554	538	538	538	554
G 65.0	369	369	369	369	369	369	369	369	369	369	369	369	369	369	369
G 70.0	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186
G 75.0	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
G 80.0	194	194	194	194	194	194	167	108	108	108	108	108	108	108	194
G 85.0	111	191	178	111	111	93	44	44	37	0	37	44	44	93	111
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	762 lm		Maximum value		3483.40 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	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	
G 5.0	1177928	1175442	1171653	1166887	1165354	1167721	1165354	1166887	1171653	1175442	1177928	1180426	1182845	
G 10.0	569653	572384	572430	575201	578168	579716	578168	575201	572430	572384	569653	566280	569298	
G 15.0	228927	230160	230408	231623	232288	232428	232288	231623	230408	230160	228927	226609	225220	
G 20.0	130494	131002	131021	131567	132205	132542	132205	131567	131021	131002	130494	129500	129970	
G 25.0	98381	98621	98632	98814	99054	99249	99054	98814	98632	98621	98381	98040	98151	
G 30.0	83241	83322	83305	83345	83475	83644	83475	83345	83305	83322	83241	83063	83155	
G 35.0	72495	72576	72417	72557	72745	72808	72745	72557	72417	72576	72495	72256	72475	
G 40.0	58080	58274	58304	58348	58434	58591	58434	58348	58304	58274	58080	57750	57883	
G 45.0	27472	27408	27279	27197	27137	27043	27137	27197	27279	27408	27472	27472	28049	
G 50.0	2545	2563	2620	2789	2858	2767	2858	2789	2620	2563	2545	2515	2507	
G 55.0	806	796	785	825	847	847	847	825	785	796	806	785	754	
G 60.0	538	554	554	554	554	554	554	554	554	554	538	513	538	
G 65.0	369	369	369	369	369	369	369	369	369	369	369	369	369	
G 70.0	186	186	186	186	186	186	186	186	186	186	186	186	186	
G 75.0	189	189	189	189	189	189	189	189	189	189	189	189	189	
G 80.0	167	194	194	194	194	194	194	194	194	194	167	108	108	
G 85.0	93	111	111	178	191	111	191	178	111	111	93	44	44	
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	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934	1529934
G 5.0	1177414	1163485	1177414	1182845	1180426	1177928	1175442	1171653	1166887	1165354
G 10.0	568322	559696	568322	569298	566280	569653	572384	572430	575201	578168
G 15.0	224515	223986	224515	225220	226609	228927	230160	230408	231623	232288
G 20.0	130440	130136	130440	129970	129500	130494	131002	131021	131567	132205
G 25.0	98348	98400	98348	98151	98040	98381	98621	98632	98814	99054
G 30.0	83249	83281	83249	83155	83063	83241	83322	83305	83345	83475
G 35.0	72621	72440	72621	72475	72256	72495	72576	72417	72557	72745
G 40.0	57893	57529	57893	57883	57750	58080	58274	58304	58348	58434
G 45.0	28395	28222	28395	28049	27472	27472	27408	27279	27197	27137
G 50.0	2531	2578	2531	2507	2515	2545	2563	2620	2789	2858
G 55.0	743	743	743	754	785	806	796	785	825	847
G 60.0	554	554	554	538	513	538	554	554	554	554
G 65.0	369	369	369	369	369	369	369	369	369	369
G 70.0	186	186	186	186	186	186	186	186	186	186
G 75.0	189	189	189	189	189	189	189	189	189	189
G 80.0	108	108	108	108	108	167	194	194	194	194
G 85.0	37	0	37	44	44	93	111	111	178	191
G 90.0	0	0	0	0	0	0	0	0	0	0