

Luminaire

Code 90646L150
Name ELI /W L150 PB 940 60° HO

Measurem.

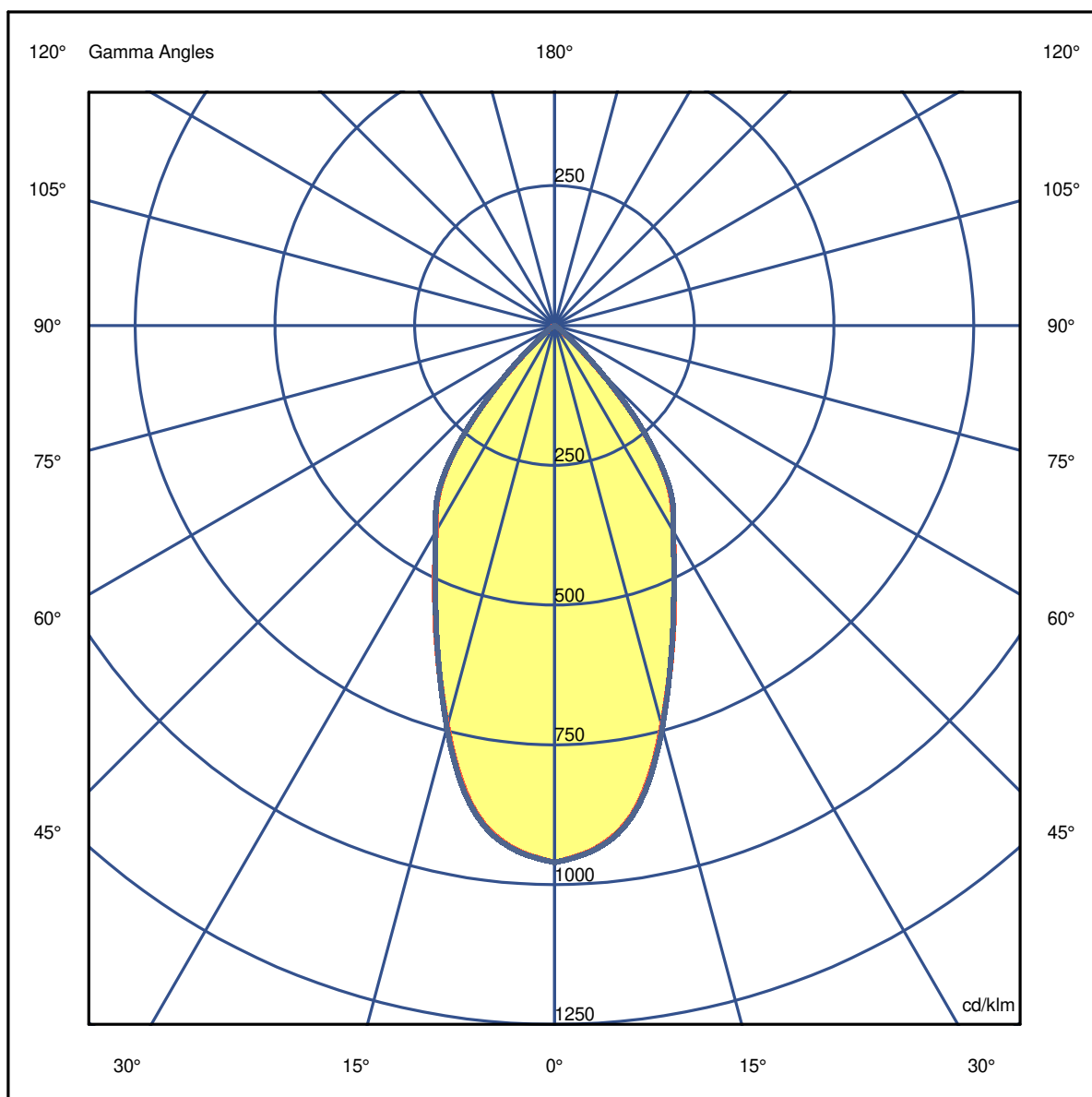
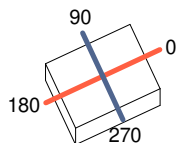
Code 5/9/2023
Name ELI /W L150 PB 940 60° HO

Luminaire Flux	1157 lm	Luminaire Power	10.0 W	Efficacy	115.382 lm/W	Efficiency	85.72%
Source Flux	1350 lm	Maximum value	960.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

80mm x 105mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



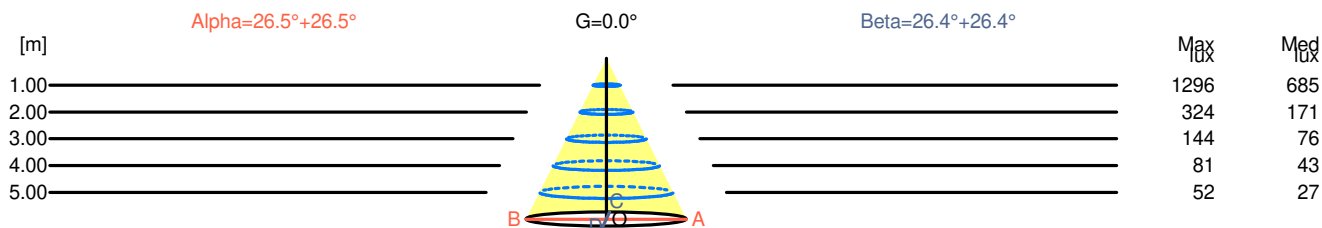
LuminaireCode 90646L150
Name ELI /W L150 PB 940 60° HO**Measurem.**Code 5/9/2023
Name ELI /W L150 PB 940 60° HO

Luminaire Flux	1157 lm	Luminaire Power	10.0 W	Efficacy	115.382 lm/W	Efficiency	85.72%
Source Flux	1350 lm	Maximum value	960.10 cd/klm	Position	C=0.00 G=0.00	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	0.50	1.00	1.50	1.99	2.49	OC	0.50	0.99	1.49	1.99	2.48
OB	0.50	1.00	1.50	1.99	2.49	OD	0.50	0.99	1.49	1.99	2.48

	0	5	15	25	35	45	55	65	75	85
OA	1296.14	1261.04	1000.62	685.26	484.79	150.25	17.28	0.68	0.68	0.68
OB	1296.14	1261.04	1000.62	685.26	484.79	150.25	17.28	0.68	0.68	0.68
OC	1296.14	1263.47	1005.35	682.16	488.16	156.06	15.53	0.68	0.68	0.68
OD	1296.14	1263.47	1005.35	682.16	488.16	156.06	15.53	0.68	0.68	0.68



H[m]	D[m]	Max lux	Med lux	Alpha=26.5°+26.5°	G=0.0
1.00	1.00	1296	685		
2.00	1.99	324	171		
3.00	2.99	144	76		
4.00	3.99	81	43		
5.00	4.98	52	27		

H[m]	D[m]	Max lux	Med lux	Beta=26.4°+26.4°	G=0.0
1.00	0.99	1296	685		
2.00	1.99	324	171		
3.00	2.98	144	76		
4.00	3.97	81	43		
5.00	4.96	52	27		

Luminaire

Code 90646L150
Name ELI /W L150 PB 940 60° HO

Measurem.

Code 5/9/2023
Name ELI /W L150 PB 940 60° HO

Luminaire Flux	1157 lm	Luminaire Power	10.0 W	Efficacy	115.382 lm/W	Efficiency	85.72%
Source Flux	1350 lm	Maximum value	960.10 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	19.1	19.8	19.3	20.0	20.2	19.1	19.9	19.4	20.1	20.3
x=2H y=3H	18.9	19.6	19.2	19.9	20.1	19.0	19.6	19.3	19.9	20.1
x=2H y=4H	18.9	19.5	19.2	19.8	20.0	18.9	19.5	19.2	19.8	20.1
x=2H y=6H	18.8	19.4	19.1	19.7	20.0	18.8	19.4	19.2	19.7	20.0
x=2H y=8H	18.8	19.3	19.1	19.6	19.9	18.8	19.4	19.1	19.7	20.0
x=2H y=12H	18.7	19.3	19.1	19.6	19.9	18.8	19.3	19.1	19.6	19.9
x=4H y=2H	18.9	19.5	19.2	19.8	20.0	18.9	19.5	19.2	19.8	20.1
x=4H y=3H	18.7	19.3	19.1	19.6	19.9	18.8	19.3	19.1	19.6	19.9
x=4H y=4H	18.7	19.1	19.0	19.5	19.8	18.7	19.2	19.1	19.5	19.8
x=4H y=6H	18.6	19.0	19.0	19.3	19.7	18.6	19.0	19.0	19.4	19.7
x=4H y=8H	18.5	18.9	19.0	19.3	19.7	18.6	18.9	19.0	19.3	19.7
x=4H y=12H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	19.0	19.2	19.7
x=8H y=4H	18.5	18.9	19.0	19.3	19.7	18.6	18.9	19.0	19.3	19.7
x=8H y=6H	18.5	18.7	18.9	19.1	19.6	18.5	18.8	18.9	19.2	19.6
x=8H y=8H	18.4	18.6	18.9	19.1	19.5	18.5	18.7	18.9	19.1	19.6
x=8H y=12H	18.4	18.5	18.8	19.0	19.5	18.4	18.6	18.9	19.0	19.5
x=12H y=4H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	19.0	19.2	19.7
x=12H y=6H	18.4	18.6	18.9	19.1	19.5	18.5	18.7	18.9	19.1	19.6
x=12H y=8H	18.4	18.5	18.8	19.0	19.5	18.4	18.6	18.9	19.0	19.5

Luminaire

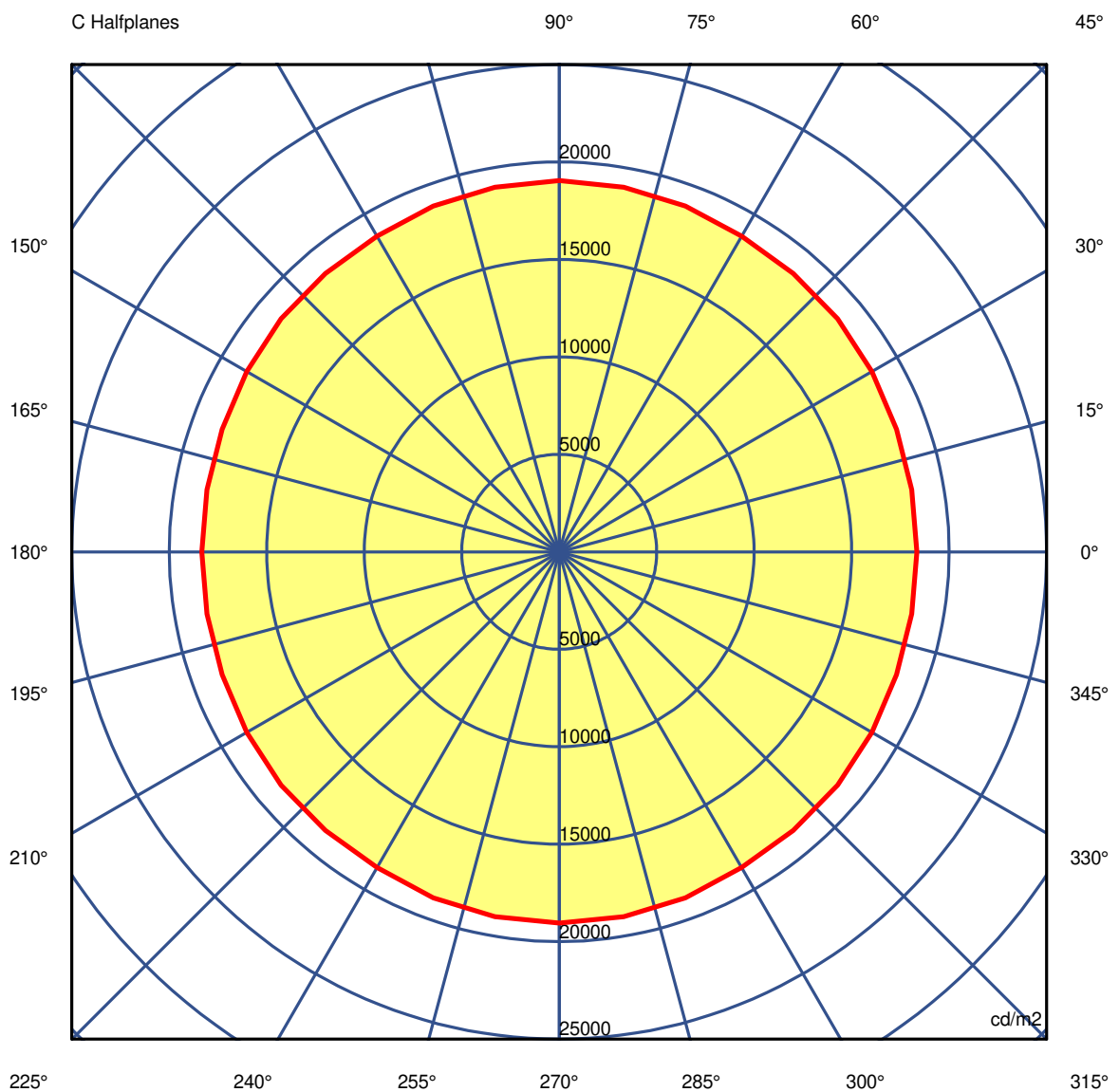
Code 90646L150
Name ELI /W L150 PB 940 60° HO

Measurem.

Code 5/9/2023
Name ELI /W L150 PB 940 60° HO

Luminaire Flux	1157 lm	Luminaire Power	10.0 W	Efficacy	115.382 lm/W	Efficiency	85.72%
Source Flux	1350 lm	Maximum value	960.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90646L150
Name ELI /W L150 PB 940 60° HO

Measurement

Code 5/9/2023
Name ELI /W L150 PB 940 60° HO

Luminaire Flux		1157 lm		Luminaire Power		10.0 W		Efficacy		115.382 lm/W		Efficiency		85.72%	
Source Flux		1350 lm		Maximum value		960.10 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	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342
G 5.0	240523	240439	240499	240600	240634	240876	241321	241180	241020	240986	241020	241180	241321	240986	241321
G 10.0	202223	202414	202582	202666	202712	202915	203225	203019	202821	202899	202821	203019	203225	202899	203225
G 15.0	159041	159063	159181	159385	159573	159688	159707	159652	159669	159792	159669	159652	159707	159688	159707
G 20.0	123033	123060	123155	123233	122982	122860	122893	122675	122552	122673	122552	122675	122893	122860	122893
G 25.0	95853	95878	95955	95985	95695	95542	95589	95468	95376	95419	95376	95468	95589	95695	95589
G 30.0	76505	76553	76692	76865	76700	76577	76541	76497	76508	76613	76508	76497	76541	76577	76541
G 35.0	62237	62470	62585	62566	62507	62513	62566	62566	62588	62670	62588	62566	62566	62507	62566
G 40.0	41838	41849	41901	41972	41898	41788	41737	41757	41827	41922	41827	41757	41737	41898	41737
G 45.0	18339	18350	18399	18521	18626	18658	18702	18891	19004	19048	19004	18891	18702	18626	18702
G 50.0	4277	4357	4514	4683	4705	4737	4781	4941	5091	5187	5091	4941	4781	4737	4781
G 55.0	2070	2031	2020	2005	1940	1940	1973	1888	1829	1860	1829	1888	1973	1940	1973
G 60.0	243	220	205	194	180	183	194	186	172	162	172	186	194	180	194
G 65.0	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
G 70.0	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
G 75.0	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
G 80.0	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
G 85.0	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
G 90.0	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97

Luminaire

Code 90646L150
Name ELI /W L150 PB 940 60° HO

Measurement

Code 5/9/2023
Name ELI /W L150 PB 940 60° HO

Luminaire Flux	1157 lm		Luminaire Power		10.0 W		Efficacy		115.382 lm/W		Efficiency		85.72%	
Source Flux	1350 lm		Maximum value		960.10 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	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342	
G 5.0	240876	240634	240600	240499	240439	240523	240439	240499	240600	240634	240876	241321	241180	
G 10.0	202915	202712	202666	202582	202414	202223	202414	202582	202666	202712	202915	203225	203019	
G 15.0	159688	159573	159385	159181	159063	159041	159063	159181	159385	159573	159688	159707	159652	
G 20.0	122860	122982	123233	123155	123060	123033	123060	123155	123233	122982	122860	122893	122675	
G 25.0	95542	95695	95985	95955	95878	95853	95878	95955	95985	95695	95542	95589	95468	
G 30.0	76577	76700	76865	76692	76553	76505	76553	76692	76865	76700	76577	76541	76497	
G 35.0	62513	62507	62566	62585	62470	62237	62470	62585	62566	62507	62513	62566	62566	
G 40.0	41788	41898	41972	41901	41849	41838	41849	41901	41972	41898	41788	41737	41757	
G 45.0	18658	18626	18521	18399	18350	18339	18350	18399	18521	18626	18658	18702	18891	
G 50.0	4737	4705	4683	4514	4357	4277	4357	4514	4683	4705	4737	4781	4941	
G 55.0	1940	1940	2005	2020	2031	2070	2031	2020	2005	1940	1940	1973	1888	
G 60.0	183	180	194	205	220	243	220	205	194	180	183	194	186	
G 65.0	82	82	82	82	82	82	82	82	82	82	82	82	82	
G 70.0	83	83	83	83	83	83	83	83	83	83	83	83	83	
G 75.0	85	85	85	85	85	85	85	85	85	85	85	85	85	
G 80.0	88	88	88	88	88	88	88	88	88	88	88	88	88	
G 85.0	92	92	92	92	92	92	92	92	92	92	92	92	92	
G 90.0	97	97	97	97	97	97	97	97	97	97	97	97	97	

Luminaire

Code 90646L150
Name ELI /W L150 PB 940 60° HO

Measurem.

Code 5/9/2023
Name ELI /W L150 PB 940 60° HO

Luminaire Flux	1157 lm	Luminaire Power	10.0 W	Efficacy	115.382 lm/W	Efficiency	85.72%
Source Flux	1350 lm	Maximum value	960.10 cd/klm	Position	C=0.00 G=0.00	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	278342	278342	278342	278342	278342	278342	278342	278342	278342	278342
G 5.0	241020	240986	241020	241180	241321	240876	240634	240600	240499	240439
G 10.0	202821	202899	202821	203019	203225	202915	202712	202666	202582	202414
G 15.0	159669	159792	159669	159652	159707	159688	159573	159385	159181	159063
G 20.0	122552	122673	122552	122675	122893	122860	122982	123233	123155	123060
G 25.0	95376	95419	95376	95468	95589	95542	95695	95985	95955	95878
G 30.0	76508	76613	76508	76497	76541	76577	76700	76865	76692	76553
G 35.0	62588	62670	62588	62566	62566	62513	62507	62566	62585	62470
G 40.0	41827	41922	41827	41757	41737	41788	41898	41972	41901	41849
G 45.0	19004	19048	19004	18891	18702	18658	18626	18521	18399	18350
G 50.0	5091	5187	5091	4941	4781	4737	4705	4683	4514	4357
G 55.0	1829	1860	1829	1888	1973	1940	1940	2005	2020	2031
G 60.0	172	162	172	186	194	183	180	194	205	220
G 65.0	82	82	82	82	82	82	82	82	82	82
G 70.0	83	83	83	83	83	83	83	83	83	83
G 75.0	85	85	85	85	85	85	85	85	85	85
G 80.0	88	88	88	88	88	88	88	88	88	88
G 85.0	92	92	92	92	92	92	92	92	92	92
G 90.0	97	97	97	97	97	97	97	97	97	97