

Luminaire

Code 90684L260

Name ELI 50 /W D/I L260 PB 940 20° HO

Measurem.

Code 1/6/2022

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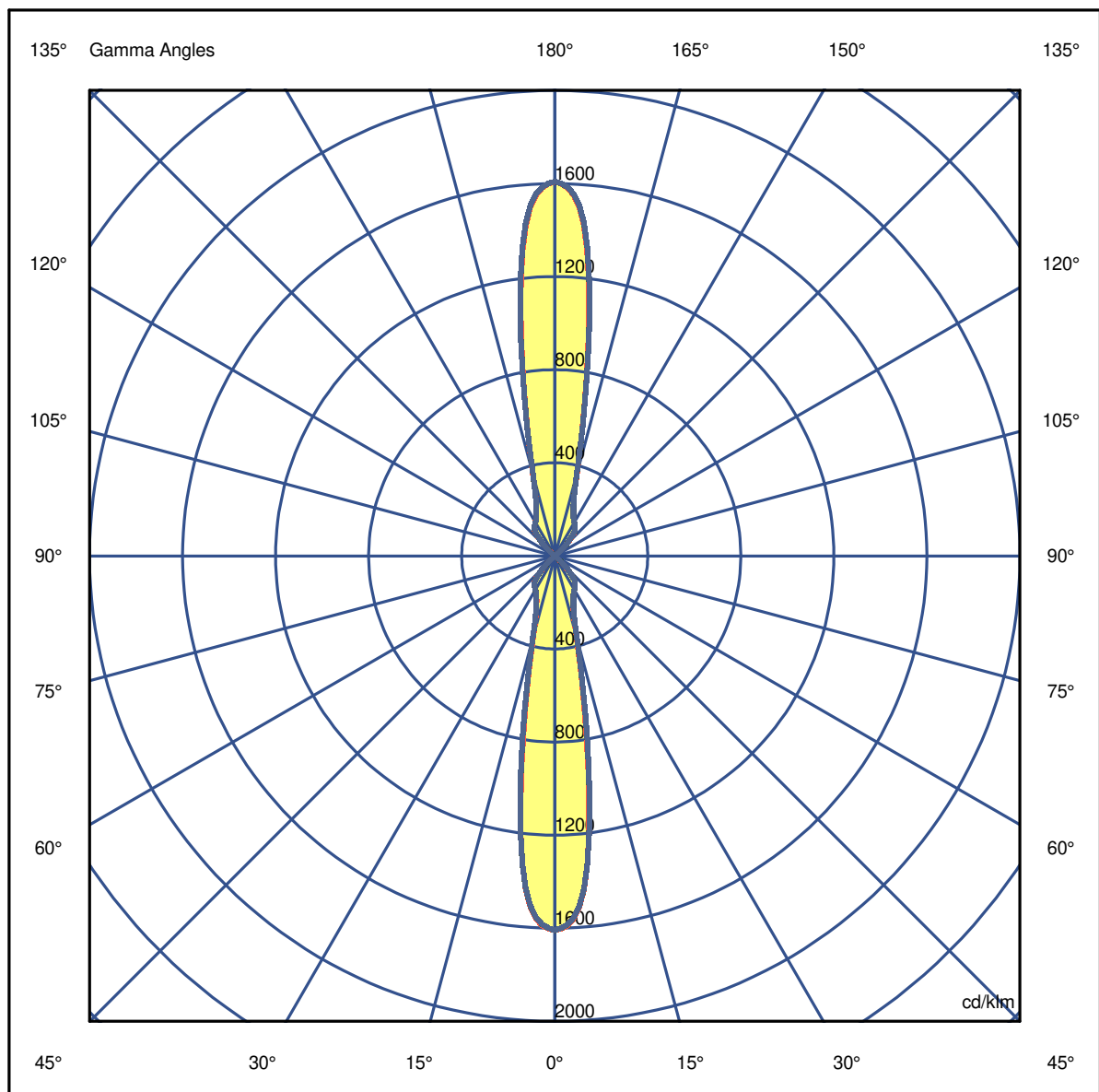
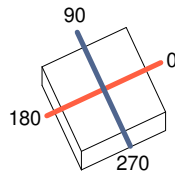
Luminaire Flux	1247 lm	Luminaire Power	10.2 W	Efficacy	121.800 lm/W	Efficiency	93.50%
Source Flux	1334 lm	Maximum value	1609.30 cd/klm	Position	C=0.00 G=180.00	CG	Double Symmetrical

50mm x 50mm

C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0



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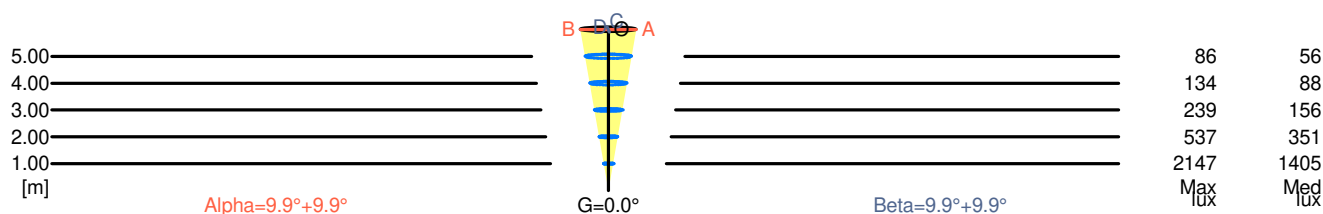
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Width at 50.00 % of Max Intensity

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	0.17	0.35	0.52	0.69	0.87	OC	0.18	0.35	0.53	0.70	0.88
OB	0.17	0.35	0.52	0.69	0.87	OD	0.18	0.35	0.53	0.70	0.88

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2146.81	1905.75	487.58	252.26	203.30	81.77	2.40	1.07	0.67	0.40
OB	2146.81	1905.75	487.58	252.26	203.30	81.77	2.40	1.07	0.67	0.40
OC	2146.81	1916.69	486.11	251.33	203.57	84.44	2.80	1.33	0.67	0.00
OD	2146.81	1916.69	486.11	251.33	203.57	84.44	2.80	1.33	0.67	0.00



5.00	1.74	86	56		
4.00	1.39	134	88		
3.00	1.04	239	156		
2.00	0.69	537	351		
1.00	0.35	2147	1405		
H[m]	D[m]	Max lux	Med lux	Alpha=9.9°+9.9°	G=0.0

5.00	1.75	86	56		
4.00	1.40	134	88		
3.00	1.05	239	156		
2.00	0.70	537	351		
1.00	0.35	2147	1405		
H[m]	D[m]	Max lux	Med lux	Beta=9.9°+9.9°	G=0.0

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Source Flux	1334 lm	Maximum value	1609.30 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										
Lateral View					Viewed Endwise					
x=2H y=2H	18.5	19.1	19.4	20.0	21.0	18.5	19.1	19.4	20.0	21.0
x=2H y=3H	18.2	18.8	19.1	19.6	20.7	18.3	18.8	19.2	19.7	20.8
x=2H y=4H	18.1	18.6	19.0	19.5	20.6	18.1	18.6	19.0	19.5	20.6
x=2H y=6H	18.0	18.4	18.9	19.3	20.5	18.0	18.4	18.9	19.3	20.5
x=2H y=8H	17.9	18.3	18.8	19.2	20.4	17.9	18.3	18.9	19.3	20.4
x=2H y=12H	17.8	18.2	18.8	19.2	20.3	17.8	18.2	18.8	19.2	20.4
x=4H y=2H	18.1	18.6	19.0	19.5	20.6	18.1	18.6	19.0	19.5	20.6
x=4H y=3H	17.8	18.2	18.8	19.1	20.3	17.8	18.2	18.8	19.2	20.4
x=4H y=4H	17.7	18.0	18.7	19.0	20.2	17.7	18.0	18.7	19.0	20.2
x=4H y=6H	17.5	17.8	18.5	18.8	20.0	17.5	17.8	18.5	18.8	20.1
x=4H y=8H	17.4	17.7	18.4	18.7	20.0	17.5	17.7	18.5	18.7	20.0
x=4H y=12H	17.4	17.6	18.4	18.6	19.9	17.4	17.6	18.4	18.6	19.9
x=8H y=4H	17.4	17.7	18.4	18.7	20.0	17.5	17.7	18.5	18.7	20.0
x=8H y=6H	17.3	17.5	18.3	18.5	19.8	17.3	17.5	18.3	18.5	19.8
x=8H y=8H	17.2	17.4	18.2	18.4	19.7	17.2	17.4	18.2	18.4	19.7
x=8H y=12H	17.1	17.3	18.2	18.3	19.7	17.1	17.3	18.2	18.3	19.7
x=12H y=4H	17.4	17.6	18.4	18.6	19.9	17.4	17.6	18.4	18.6	19.9
x=12H y=6H	17.2	17.4	18.2	18.4	19.7	17.2	17.4	18.2	18.4	19.7
x=12H y=8H	17.1	17.3	18.2	18.3	19.6	17.1	17.3	18.2	18.3	19.7

Luminaire

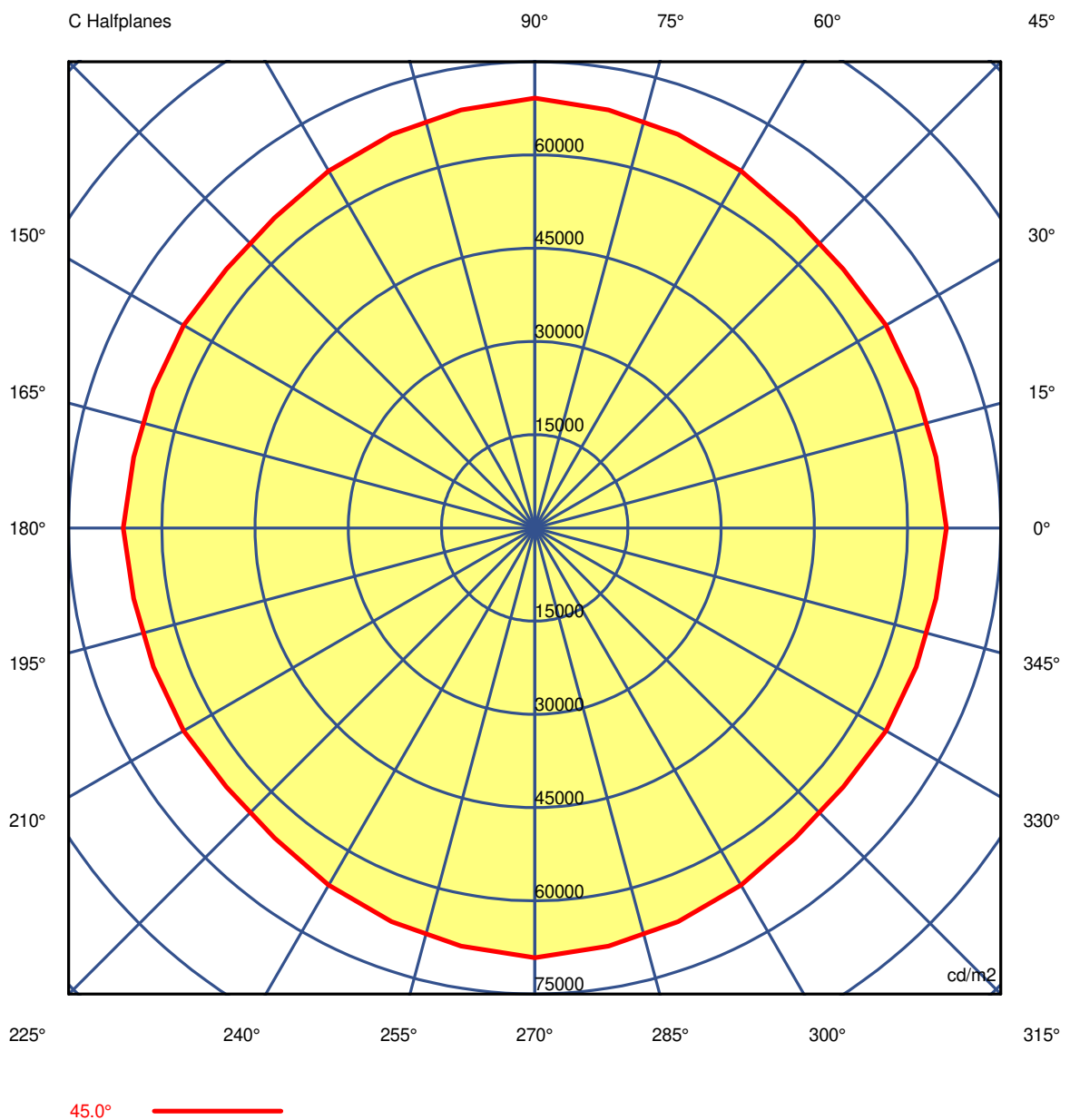
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Luminaire Flux	1247 lm	Luminaire Power	10.2 W	Efficacy	121.800 lm/W	Efficiency	93.50%
Source Flux	1334 lm	Maximum value	1609.30 cd/klm	Position	C=0.00 G=180.00	CG Double Symmetrical	

Luminance



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Luminaire Flux		1247 lm		Luminaire Power		10.2 W		Efficacy		121.800 lm/W		Efficiency		93.50%	
Source Flux		1334 lm		Maximum value		1609.30 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	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623
G 5.0	1109440	1102011	1105562	1114534	1112475	1110996	1113144	1115337	1113373	1107278	1113373	1115337	1113373	1113144	1109440
G 10.0	610946	607820	602305	599938	608522	614293	614850	620418	623699	624532	623699	620418	614850	610946	610946
G 15.0	287524	289578	286954	282828	284544	285445	284738	288303	290443	290867	290443	288303	284738	285445	287524
G 20.0	190652	190597	189661	188115	189086	189482	188933	190194	191695	192452	191695	190194	188933	189086	190652
G 25.0	159836	159723	159322	158818	159286	159177	158479	158818	159675	160515	159675	158818	158479	159177	159836
G 30.0	148626	148540	148312	148093	148159	148124	147916	147891	148213	148804	148213	147891	147916	148124	148626
G 35.0	143333	143186	142860	142582	142725	142681	142394	142445	142752	143145	142752	142445	142394	142681	143333
G 40.0	127775	127775	127819	127975	128091	127679	127072	127144	127273	127273	127273	127144	127072	127679	127775
G 45.0	66222	65544	65306	65243	64819	65137	66331	67395	68295	69158	68295	67395	66331	65137	66222
G 50.0	7775	8449	7887	6818	7045	6992	6459	6883	7177	7177	7177	6883	6459	6992	7775
G 55.0	2815	2503	2413	2413	2413	2562	2815	2569	2413	2413	2413	2569	2815	2562	2815
G 60.0	1538	1538	1538	1538	1538	1538	1538	1538	1646	1999	1646	1538	1538	1538	1538
G 65.0	1455	1795	1700	1455	1714	1764	1455	1391	1557	1819	1557	1391	1455	1764	1455
G 70.0	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124
G 75.0	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485
G 80.0	1328	1328	1328	1328	1328	1328	1328	417	0	0	0	417	1328	1328	1328
G 85.0	2647	2647	2647	2647	2647	2647	2647	831	0	0	0	831	2647	2647	2647
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux		1334 lm		Maximum value		1609.30 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	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623
G 5.0	1110996	1112475	1114534	1105562	1102011	1109440	1102011	1105562	1114534	1112475	1110996	1113144	1115337	1115337	1115337
G 10.0	614293	608522	599938	602305	607820	610946	607820	602305	599938	608522	614293	614850	620418	620418	620418
G 15.0	285445	284544	282828	286954	289578	287524	289578	286954	282828	284544	285445	284738	288303	288303	288303
G 20.0	189482	189086	188115	189661	190597	190652	190597	189661	188115	189086	189482	188933	190194	190194	190194
G 25.0	159177	159286	158818	159322	159723	159836	159723	159322	158818	159286	159177	158479	158818	158818	158818
G 30.0	148124	148159	148093	148312	148540	148626	148540	148312	148093	148159	148124	147916	147891	147891	147891
G 35.0	142681	142725	142582	142860	143186	143333	143186	142860	142582	142725	142681	142394	142445	142445	142445
G 40.0	127679	128091	127975	127819	127775	127775	127819	127975	128091	127679	127679	127072	127144	127144	127144
G 45.0	65137	64819	65243	65306	65544	66222	65544	65306	65243	64819	65137	66331	67395	67395	67395
G 50.0	6992	7045	6818	7887	8449	7775	8449	7887	6818	7045	6992	6459	6883	6883	6883
G 55.0	2562	2413	2413	2413	2503	2815	2503	2413	2413	2413	2562	2815	2569	2569	2569
G 60.0	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538	1538
G 65.0	1764	1714	1455	1700	1795	1455	1795	1700	1455	1714	1764	1455	1391	1391	1391
G 70.0	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124
G 75.0	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485
G 80.0	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	417
G 85.0	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	831
G 90.0	0	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	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623	1236623
G 5.0	1113373	1107278	1113373	1115337	1113144	1110996	1112475	1114534	1105562	1102011
G 10.0	623699	624532	623699	620418	614850	614293	608522	599938	602305	607820
G 15.0	290443	290867	290443	288303	284738	285445	284544	282828	286954	289578
G 20.0	191695	192452	191695	190194	188933	189482	189086	188115	189661	190597
G 25.0	159675	160515	159675	158818	158479	159177	159286	158818	159322	159723
G 30.0	148213	148804	148213	147891	147916	148124	148159	148093	148312	148540
G 35.0	142752	143145	142752	142445	142394	142681	142725	142582	142860	143186
G 40.0	127273	127273	127273	127144	127072	127679	128091	127975	127819	127775
G 45.0	68295	69158	68295	67395	66331	65137	64819	65243	65306	65544
G 50.0	7177	7177	7177	6883	6459	6992	7045	6818	7887	8449
G 55.0	2413	2413	2413	2569	2815	2562	2413	2413	2413	2503
G 60.0	1646	1999	1646	1538	1538	1538	1538	1538	1538	1538
G 65.0	1557	1819	1557	1391	1455	1764	1714	1455	1700	1795
G 70.0	1124	1124	1124	1124	1124	1124	1124	1124	1124	1124
G 75.0	1485	1485	1485	1485	1485	1485	1485	1485	1485	1485
G 80.0	0	0	0	417	1328	1328	1328	1328	1328	1328
G 85.0	0	0	0	831	2647	2647	2647	2647	2647	2647
G 90.0	0	0	0	0	0	0	0	0	0	0