

Luminaire

Code 90063L150
Name GLAM /S L150 827 OVAL

Measurem.

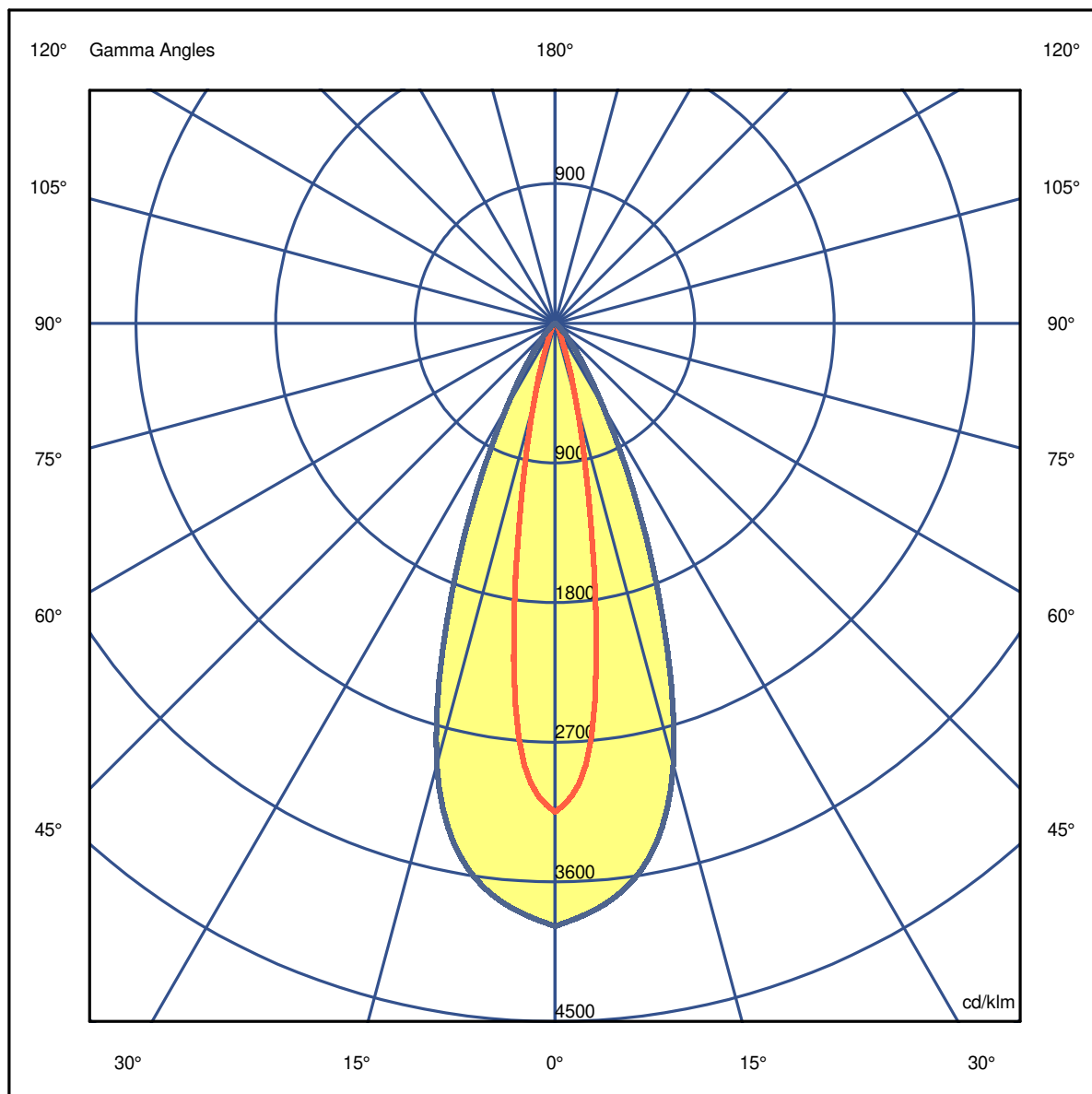
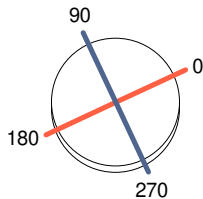
Code 7/2/2023
Name GLAM /S L150 827 OVAL

Luminaire Flux	228 lm	Luminaire Power	2.0 W	Efficacy	114.130 lm/W	Efficiency	97.13%
Source Flux	235 lm	Maximum value	3885.60 cd/klm	Position	C=90.00 G=0.00	CG	Asymmetrical

Diam=30mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



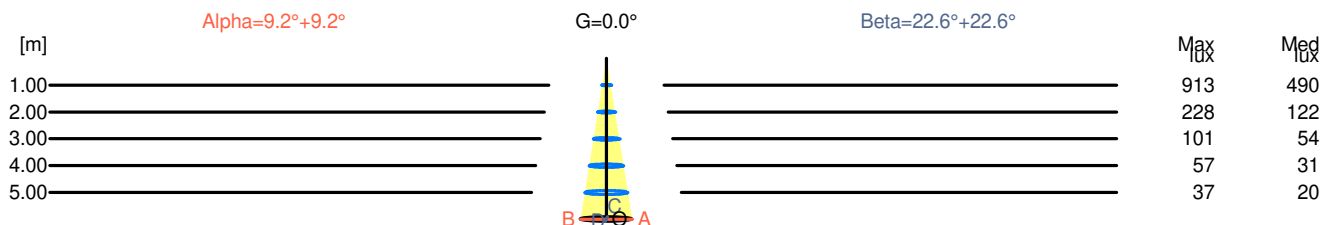
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Width at 50.00 % of Max Intensity

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	0.16	0.32	0.48	0.64	0.81	OC	0.42	0.83	1.25	1.66	2.08
OB	0.16	0.32	0.48	0.64	0.81	OD	0.42	0.83	1.25	1.66	2.08

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	739.80	630.22	125.10	19.89	7.76	5.73	4.05	2.02	1.01	0.34
OB	739.80	630.22	125.10	19.89	7.76	5.73	4.05	2.02	1.01	0.34
OC	913.12	882.10	691.58	281.22	73.51	16.86	4.72	2.36	1.01	0.00
OD	913.12	882.10	691.58	281.22	73.51	16.86	4.72	2.36	1.01	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=9.2°+9.2°	G=0.0
1.00	0.32	913	490		
2.00	0.64	228	122		
3.00	0.97	101	54		
4.00	1.29	57	31		
5.00	1.61	37	20		

H[m]	D[m]	Max lux	Med lux	Beta=22.6°+22.6°	G=0.0
1.00	0.83	913	490		
2.00	1.66	228	122		
3.00	2.50	101	54		
4.00	3.33	57	31		
5.00	4.16	37	20		

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Source Flux	235 lm	Maximum value	3885.60 cd/klm	Position	C=90.00 G=0.00	CG	Asymmetrical

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	10.9	11.6	11.1	11.8	12.0	17.5	18.2	17.7	18.4	18.6
x=2H y=3H	11.4	12.1	11.7	12.3	12.5	17.5	18.1	17.8	18.4	18.6
x=2H y=4H	11.7	12.2	12.0	12.5	12.8	17.5	18.1	17.8	18.3	18.6
x=2H y=6H	11.9	12.5	12.2	12.7	13.0	17.4	18.0	17.7	18.3	18.5
x=2H y=8H	12.0	12.5	12.3	12.8	13.1	17.4	17.9	17.7	18.2	18.5
x=2H y=12H	12.0	12.5	12.4	12.8	13.1	17.4	17.9	17.7	18.2	18.5
x=4H y=2H	11.1	11.7	11.5	12.0	12.3	17.3	17.9	17.7	18.2	18.5
x=4H y=3H	11.8	12.3	12.2	12.6	12.9	17.4	17.9	17.8	18.2	18.5
x=4H y=4H	12.2	12.6	12.5	12.9	13.3	17.4	17.9	17.8	18.2	18.5
x=4H y=6H	12.5	12.9	12.9	13.3	13.7	17.4	17.7	17.8	18.1	18.5
x=4H y=8H	12.7	13.0	13.1	13.4	13.8	17.4	17.7	17.8	18.1	18.4
x=4H y=12H	12.7	13.0	13.2	13.4	13.8	17.3	17.6	17.7	18.0	18.4
x=8H y=4H	12.4	12.7	12.8	13.1	13.5	17.4	17.7	17.8	18.1	18.5
x=8H y=6H	12.8	13.0	13.2	13.4	13.9	17.4	17.6	17.8	18.0	18.5
x=8H y=8H	12.9	13.1	13.4	13.6	14.1	17.4	17.6	17.8	18.0	18.5
x=8H y=12H	13.1	13.2	13.5	13.7	14.2	17.3	17.5	17.8	18.0	18.5
x=12H y=4H	12.4	12.6	12.8	13.0	13.5	17.4	17.6	17.8	18.0	18.4
x=12H y=6H	12.8	13.0	13.3	13.5	13.9	17.4	17.6	17.8	18.0	18.5
x=12H y=8H	13.0	13.2	13.5	13.7	14.1	17.4	17.5	17.8	18.0	18.5

Luminaire

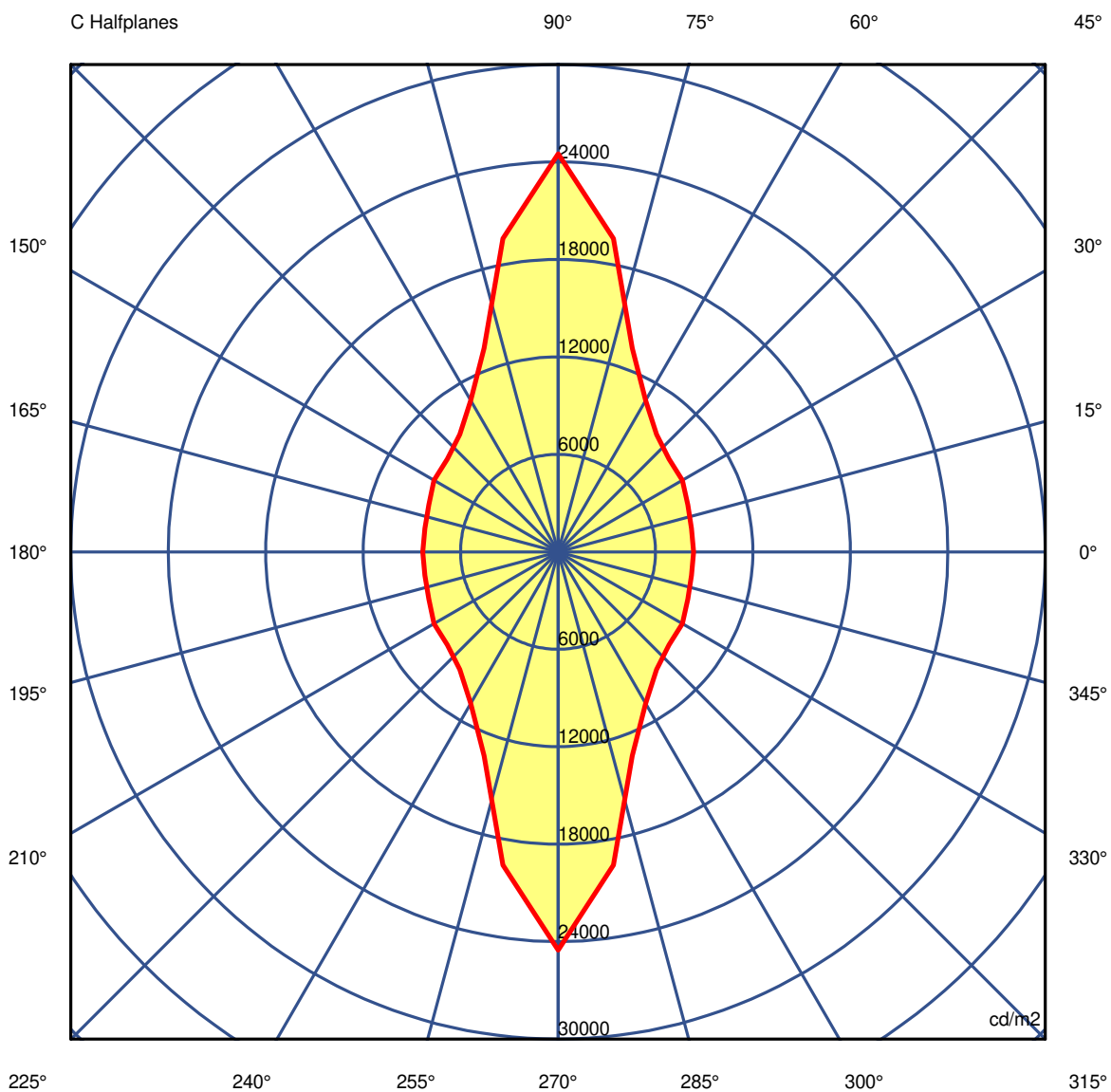
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Luminaire Flux	228 lm	Luminaire Power	2.0 W	Efficacy	114.130 lm/W	Efficiency	97.13%
Source Flux	235 lm	Maximum value	3885.60 cd/klm	Position	C=90.00 G=0.00	CG	Asymmetrical

Luminance



45.0°

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Luminaire Flux	228 lm		Luminaire Power			2.0 W		Efficacy		114.130 lm/W		Efficiency		97.13%	
Source Flux	235 lm		Maximum value			3885.60 cd/klm		Position		C=90.00 G=0.00		CG		Asymmetrical	
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	1393413	1514128	1540127	1524871	1518527	1517114	1505838	1485222	1594705	1719845	1594761	1513038	1505838		
G 5.0	1110659	1113227	1126990	1167977	1220512	1278698	1320714	1339600	1447540	1554541	1447538	1339604	1320714		
G 10.0	529167	531597	558649	639688	736885	870090	1014479	1121054	1264869	1369870	1264863	1121067	1014479		
G 15.0	199442	190987	216451	274974	346576	469900	641604	815648	998495	1102585	998489	815661	641604		
G 20.0	68467	65549	74735	102443	149558	218048	327295	494546	659854	736034	659852	494550	327295		
G 25.0	29783	29951	31481	39121	57502	94451	152951	233853	347705	421006	347704	233854	152951		
G 30.0	17830	17428	18133	20307	25338	41351	71073	112841	173592	213472	173592	112842	71073		
G 35.0	11265	11578	12690	14204	15684	21161	33306	53313	85232	106776	85232	53313	33306		
G 40.0	9762	9958	10013	10250	11316	13360	17328	25456	40792	51740	40792	25456	17328		
G 45.0	8332	8332	8490	8823	8911	9438	10783	13352	19584	24506	19584	13353	10783		
G 50.0	7440	7058	6944	6944	6944	7020	7440	8464	10710	12399	10710	8465	7440		
G 55.0	6070	6070	5753	5059	4982	5109	5311	5931	6694	7082	6694	5931	5311		
G 60.0	4682	4284	4161	4161	4161	4161	4161	4456	4924	5202	4923	4457	4161		
G 65.0	3237	3237	3150	2967	2967	2967	2967	3308	3657	3777	3657	3308	2967		
G 70.0	2260	2260	2260	2260	2260	2325	2542	2760	2824	2824	2824	2760	2542		
G 75.0	1792	2030	2091	2091	2277	2467	2390	1965	1792	1792	1792	1965	2390		
G 80.0	1918	1733	1429	1278	1686	2040	1918	1361	517	0	517	1362	1918		
G 85.0	693	1020	918	693	1084	1637	1732	1106	337	0	337	1106	1732		
G 90.0	763	511	249	0	0	261	763	599	187	0	186	599	763		

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Source Flux		235 lm		Maximum value		3885.60 cd/klm		Position		C=90.00 G=0.00		CG		Asymmetrical		
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	1517769	1518527	1524871	1562545	1491095	1393413	1491095	1540127	1524871	1518527	1517769	1505838	1485100			
G 5.0	1278673	1220575	1167977	1126647	1109841	1110659	1109841	1126647	1167977	1220575	1278673	1320714	1339604			
G 10.0	870019	737063	639688	557664	531597	529167	524633	557664	639688	737063	870019	1014479	1121067			
G 15.0	469830	346752	274974	215481	198368	199442	198368	215481	274974	346752	469830	641604	815661			
G 20.0	218024	149619	102443	74399	68122	68467	68122	74399	102443	149619	218024	327295	494550			
G 25.0	94447	57511	39121	31435	29951	29783	29596	31435	39121	57511	94447	152951	233854			
G 30.0	41348	25346	20307	18093	17665	17830	17665	18093	20307	25346	41348	71073	112842			
G 35.0	21162	15682	14204	12701	11549	11265	11549	12701	14204	15682	21162	33306	53313			
G 40.0	13361	11313	10250	10029	9920	9762	9920	10029	10250	11313	13361	17328	25456			
G 45.0	9437	8912	8823	8482	8332	8332	8332	8482	8823	8912	9437	10783	13353			
G 50.0	7018	6944	6944	6944	7130	7440	7130	6944	6944	6944	7018	7440	8465			
G 55.0	5110	4979	5059	5769	6070	6070	6070	5769	5059	4979	5110	5311	5931			
G 60.0	4161	4161	4161	4161	4359	4682	4359	4161	4161	4161	4161	4161	4457			
G 65.0	2967	2967	2967	3154	3237	3237	3237	3154	2967	2967	2967	2967	3308			
G 70.0	2325	2260	2260	2260	2260	2260	2260	2260	2260	2260	2325	2542	2760			
G 75.0	2469	2274	2091	2091	1984	1792	1984	2091	2091	2274	2469	2390	1965			
G 80.0	2039	1688	1278	1418	1761	1918	1761	1418	1278	1688	2039	1918	1362			
G 85.0	1639	1079	693	945	951	693	951	945	693	1079	1639	1732	1106			
G 90.0	260	0	0	232	554	763	554	232	0	0	260	763	599			

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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	1594761	1719845	1594705	1513038	1505838	1517114	1518527	1524871	1553431	1514128
G 5.0	1447538	1554541	1447540	1339600	1320714	1278698	1220512	1167977	1126990	1113227
G 10.0	1264863	1369870	1264869	1121054	1014479	870090	736885	639688	558649	531597
G 15.0	998489	1102585	998495	815648	641604	469900	346576	274974	216451	190987
G 20.0	659852	736034	659854	494546	327295	218048	149558	102443	74735	65549
G 25.0	347704	421006	347705	233853	152951	94451	57502	39121	31481	29951
G 30.0	173592	213472	173592	112841	71073	41351	25338	20307	18133	17428
G 35.0	85232	106776	85232	53313	33306	21161	15684	14204	12690	11578
G 40.0	40792	51740	40792	25456	17328	13360	11316	10250	10013	9958
G 45.0	19584	24506	19584	13352	10783	9438	8911	8823	8490	8332
G 50.0	10710	12399	10710	8464	7440	7020	6944	6944	6944	7058
G 55.0	6694	7082	6694	5931	5311	5109	4982	5059	5753	6070
G 60.0	4923	5202	4924	4456	4161	4161	4161	4161	4161	4284
G 65.0	3657	3777	3657	3308	2967	2967	2967	2967	3150	3237
G 70.0	2824	2824	2824	2760	2542	2325	2260	2260	2260	2260
G 75.0	1792	1792	1792	1965	2390	2467	2277	2091	2091	2030
G 80.0	517	0	517	1361	1918	2040	1686	1278	1429	1733
G 85.0	337	0	337	1106	1732	1637	1084	693	918	1020
G 90.0	186	0	187	599	763	261	0	0	249	511