

**Luminaire**

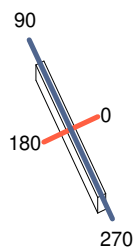
Code 90617L150  
Name DORIS L1572W95 PCO 840 LO

**Measurem.**

Code 7/7/2023  
Name DORIS L1572W95 PCO 840 LO

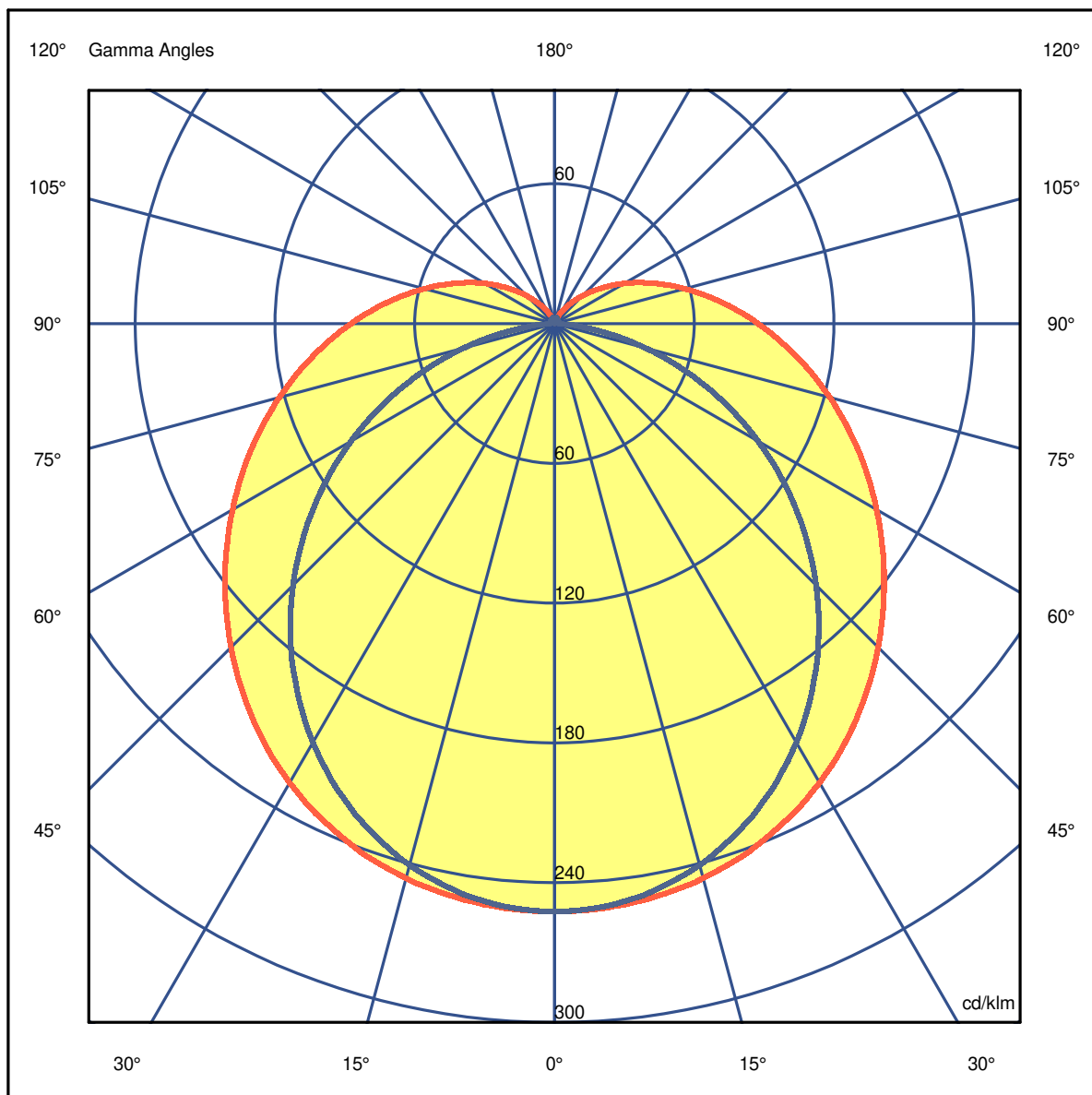
Luminaire Flux	4820 lm	Luminaire Power	33.0 W	Efficacy	146.061 lm/W	Efficiency	100.00%
Source Flux	4820 lm	Maximum value	252.41 cd/klm	Position	C=60.00 G=1.00	CG	Double Symmetrical

1572mm x 95mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



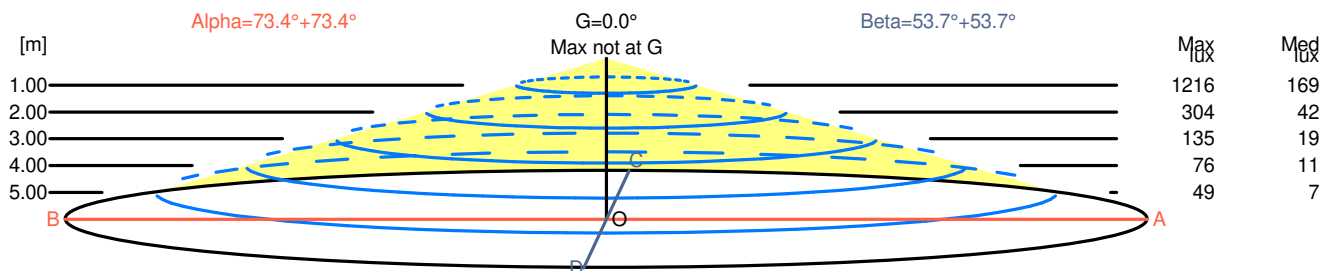
**Luminaire**Code 90617L150  
Name DORIS L1572W95 PCO 840 LO**Measurem.**Code 7/7/2023  
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Luminaire Flux	4820 lm	Luminaire Power	33.0 W	Efficacy	146.061 lm/W	Efficiency	100.00%
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Width at 50.00 % of 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	3.36	6.72	10.09	13.45	16.81	OC	1.36	2.72	4.08	5.44	6.80
OB	3.36	6.72	10.09	13.45	16.81	OD	1.36	2.72	4.08	5.44	6.80

	0	5	15	25	35	45	55	65	75	85
OA	1216.00	1213.73	1187.90	1133.96	1052.31	946.86	830.02	709.53	589.80	474.92
OB	1216.00	1213.73	1187.90	1133.96	1052.31	946.86	830.02	709.53	589.80	474.92
OC	1216.00	1209.87	1159.70	1063.69	928.83	765.29	583.25	388.28	195.21	39.09
OD	1216.00	1209.87	1159.70	1063.69	928.83	765.29	583.25	388.28	195.21	39.09



H[m]	D[m]	Max lux	Med lux	Alpha=73.4°+73.4°	G=0.0 Max not at G
1.00	6.72	1216	169		
2.00	13.45	304	42		
3.00	20.17	135	19		
4.00	26.90	76	11		
5.00	33.62	49	7		

H[m]	D[m]	Max lux	Med lux	Beta=53.7°+53.7°	G=0.0 Max not at G
1.00	2.72	1216	169		
2.00	5.44	304	42		
3.00	8.16	135	19		
4.00	10.88	76	11		
5.00	13.60	49	7		

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Source Flux	4820 lm	Maximum value	252.41 cd/klm	Position	C=60.00 G=1.00	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	18.1	19.3	18.5	19.8	20.3	17.2	18.5	17.7	18.9	19.4
x=2H y=3H	20.1	21.3	20.6	21.8	22.3	18.6	19.8	19.1	20.3	20.8
x=2H y=4H	21.2	22.3	21.7	22.8	23.3	19.1	20.2	19.7	20.7	21.3
x=2H y=6H	22.2	23.2	22.7	23.7	24.3	19.5	20.5	20.0	21.0	21.6
x=2H y=8H	22.7	23.6	23.2	24.2	24.8	19.6	20.6	20.1	21.1	21.7
x=2H y=12H	23.1	24.1	23.7	24.6	25.2	19.6	20.6	20.2	21.1	21.7
x=4H y=2H	18.7	19.8	19.2	20.3	20.8	18.0	19.1	18.5	19.6	20.1
x=4H y=3H	21.0	21.9	21.5	22.4	23.1	19.6	20.6	20.2	21.1	21.7
x=4H y=4H	22.2	23.0	22.8	23.6	24.2	20.3	21.2	20.9	21.7	22.4
x=4H y=6H	23.4	24.1	24.0	24.7	25.4	20.8	21.6	21.4	22.2	22.8
x=4H y=8H	24.0	24.7	24.6	25.3	26.0	21.0	21.7	21.6	22.3	23.0
x=4H y=12H	24.5	25.2	25.2	25.8	26.5	21.1	21.7	21.7	22.3	23.0
x=8H y=4H	22.5	23.2	23.1	23.8	24.5	20.9	21.6	21.5	22.2	22.9
x=8H y=6H	23.9	24.5	24.6	25.1	25.9	21.7	22.3	22.3	22.9	23.6
x=8H y=8H	24.7	25.2	25.3	25.9	26.6	22.0	22.5	22.6	23.1	23.9
x=8H y=12H	25.4	25.9	26.1	26.6	27.3	22.2	22.6	22.9	23.3	24.1
x=12H y=4H	22.5	23.2	23.1	23.8	24.5	21.0	21.7	21.7	22.3	23.0
x=12H y=6H	24.0	24.5	24.7	25.2	25.9	21.9	22.5	22.6	23.1	23.8
x=12H y=8H	24.9	25.3	25.5	26.0	26.8	22.3	22.8	23.0	23.5	24.2

**Luminaire**

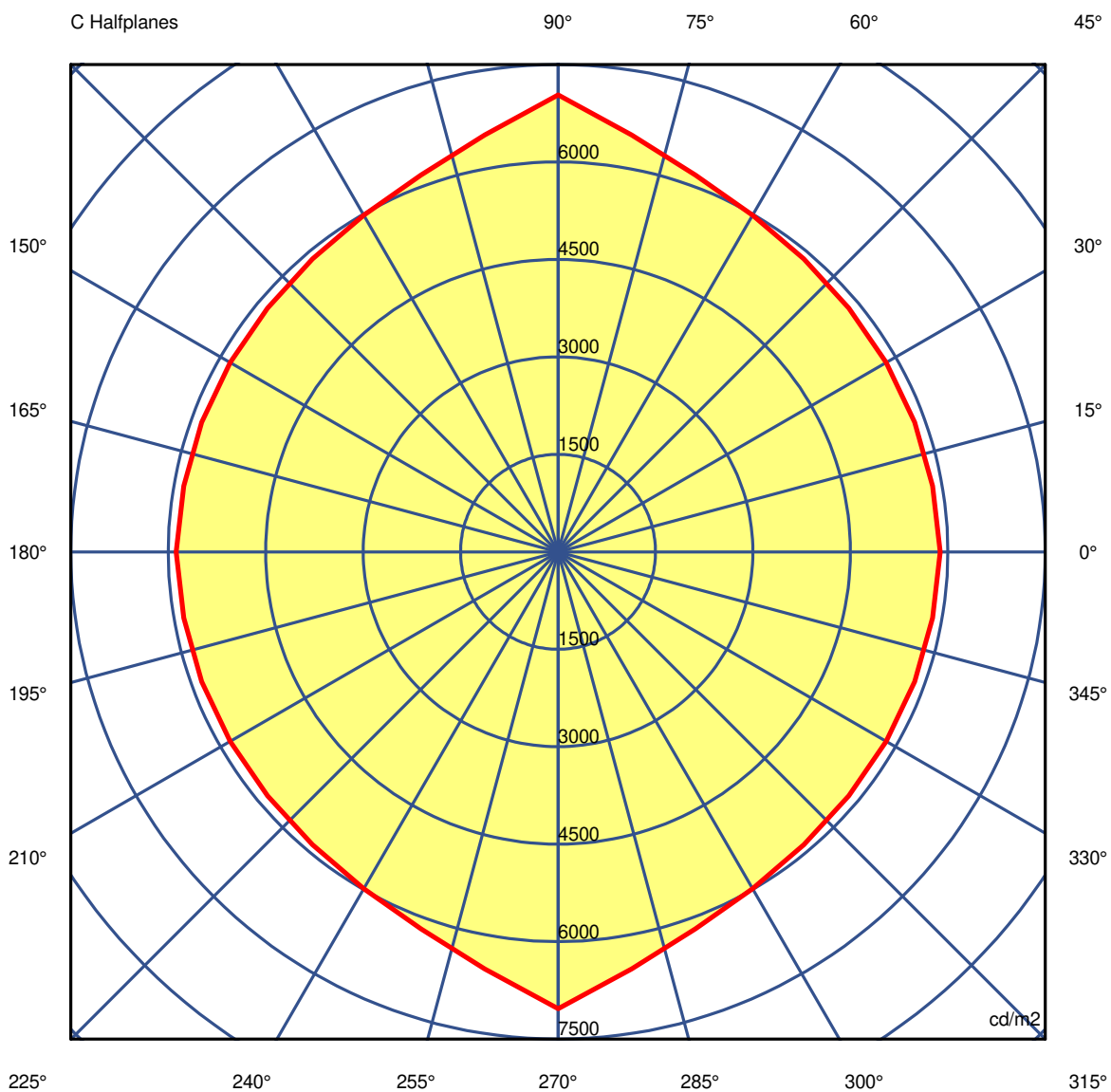
Code 90617L150  
Name DORIS L1572W95 PCO 840 LO

**Measurem.**

Code 7/7/2023  
Name DORIS L1572W95 PCO 840 LO

Luminaire Flux	4820 lm	Luminaire Power	33.0 W	Efficacy	146.061 lm/W	Efficiency	100.00%
Source Flux	4820 lm	Maximum value	252.41 cd/klm	Position	C=60.00 G=1.00	CG	Double Symmetrical

Luminance



45.0°

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**Measurement**

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Luminaire Flux	4820 lm	Luminaire Power		33.0 W		Efficacy		146.061 lm/W		Efficiency		100.00%	
Source Flux	4820 lm	Maximum value		252.41 cd/klm		Position		C=60.00 G=1.00		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	8153	8153	8153	8153	8153	8153	8153	8153	8153	8153	8153	8153	8153
G 5.0	7809	7806	7814	7833	7861	7899	7946	7998	8057	8120	8057	7998	7946
G 10.0	7498	7498	7514	7542	7589	7655	7735	7827	7936	8061	7936	7827	7735
G 15.0	7226	7226	7243	7275	7329	7408	7514	7641	7798	7982	7798	7641	7514
G 20.0	6979	6973	6986	7016	7073	7162	7284	7441	7638	7873	7638	7441	7284
G 25.0	6736	6728	6739	6765	6821	6914	7045	7218	7454	7754	7454	7218	7045
G 30.0	6512	6501	6507	6526	6572	6660	6796	6985	7254	7603	7254	6985	6796
G 35.0	6294	6278	6279	6290	6327	6403	6529	6727	7030	7437	7030	6727	6529
G 40.0	6079	6058	6054	6056	6082	6142	6256	6457	6786	7246	6786	6457	6256
G 45.0	5882	5853	5841	5831	5840	5885	5985	6173	6516	7032	6516	6173	5985
G 50.0	5701	5667	5644	5616	5602	5622	5698	5865	6219	6797	6219	5865	5698
G 55.0	5539	5499	5466	5420	5382	5373	5412	5542	5892	6521	5892	5542	5412
G 60.0	5395	5352	5309	5242	5177	5132	5122	5192	5512	6172	5512	5192	5122
G 65.0	5288	5235	5181	5094	4996	4909	4842	4830	5093	5766	5093	4830	4842
G 70.0	5200	5141	5078	4973	4846	4714	4575	4448	4602	5230	4602	4448	4575
G 75.0	5154	5088	5017	4897	4743	4566	4345	4067	4041	4520	4041	4067	4345
G 80.0	5150	5075	5000	4868	4689	4470	4166	3715	3419	3538	3419	3715	4166
G 85.0	5207	5127	5048	4908	4713	4466	4095	3472	2827	2205	2827	3472	4095
G 90.0	5363	5281	5204	5062	4869	4621	4223	3489	2713	1762	2713	3489	4223

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Source Flux	4820 lm		Maximum value		252.41 cd/klm		Position		C=60.00 G=1.00		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	8153	8153	8153	8153	8153	8153	8153	8153	8153	8153	8153	8153	8153	
G 5.0	7899	7861	7833	7814	7806	7809	7806	7814	7833	7861	7899	7946	7998	
G 10.0	7655	7589	7542	7514	7498	7498	7498	7514	7542	7589	7655	7735	7827	
G 15.0	7408	7329	7275	7243	7226	7226	7226	7243	7275	7329	7408	7514	7641	
G 20.0	7162	7073	7016	6986	6973	6979	6973	6986	7016	7073	7162	7284	7441	
G 25.0	6914	6821	6765	6739	6728	6736	6728	6739	6765	6821	6914	7045	7218	
G 30.0	6660	6572	6526	6507	6501	6512	6501	6507	6526	6572	6660	6796	6985	
G 35.0	6403	6327	6290	6279	6278	6294	6278	6279	6290	6327	6403	6529	6727	
G 40.0	6142	6082	6056	6054	6058	6079	6058	6054	6056	6082	6142	6256	6457	
G 45.0	5885	5840	5831	5841	5853	5882	5853	5841	5831	5840	5885	5985	6173	
G 50.0	5622	5602	5616	5644	5667	5701	5667	5644	5616	5602	5622	5698	5865	
G 55.0	5373	5382	5420	5466	5499	5539	5499	5466	5420	5382	5373	5412	5542	
G 60.0	5132	5177	5242	5309	5352	5395	5352	5309	5242	5177	5132	5122	5192	
G 65.0	4909	4996	5094	5181	5235	5288	5235	5181	5094	4996	4909	4842	4830	
G 70.0	4714	4846	4973	5078	5141	5200	5141	5078	4973	4846	4714	4575	4448	
G 75.0	4566	4743	4897	5017	5088	5154	5088	5017	4897	4743	4566	4345	4067	
G 80.0	4470	4689	4868	5000	5075	5150	5075	5000	4868	4689	4470	4166	3715	
G 85.0	4466	4713	4908	5048	5127	5207	5127	5048	4908	4713	4466	4095	3472	
G 90.0	4621	4869	5062	5204	5281	5363	5281	5204	5062	4869	4621	4223	3489	

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Source Flux	4820 lm	Maximum value	252.41 cd/klm	Position	C=60.00 G=1.00	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	8153	8153	8153	8153	8153	8153	8153	8153	8153	8153
G 5.0	8057	8120	8057	7998	7946	7899	7861	7833	7814	7806
G 10.0	7936	8061	7936	7827	7735	7655	7589	7542	7514	7498
G 15.0	7798	7982	7798	7641	7514	7408	7329	7275	7243	7226
G 20.0	7638	7873	7638	7441	7284	7162	7073	7016	6986	6973
G 25.0	7454	7754	7454	7218	7045	6914	6821	6765	6739	6728
G 30.0	7254	7603	7254	6985	6796	6660	6572	6526	6507	6501
G 35.0	7030	7437	7030	6727	6529	6403	6327	6290	6279	6278
G 40.0	6786	7246	6786	6457	6256	6142	6082	6056	6054	6058
G 45.0	6516	7032	6516	6173	5985	5885	5840	5831	5841	5853
G 50.0	6219	6797	6219	5865	5698	5622	5602	5616	5644	5667
G 55.0	5892	6521	5892	5542	5412	5373	5382	5420	5466	5499
G 60.0	5512	6172	5512	5192	5122	5132	5177	5242	5309	5352
G 65.0	5093	5766	5093	4830	4842	4909	4996	5094	5181	5235
G 70.0	4602	5230	4602	4448	4575	4714	4846	4973	5078	5141
G 75.0	4041	4520	4041	4067	4345	4566	4743	4897	5017	5088
G 80.0	3419	3538	3419	3715	4166	4470	4689	4868	5000	5075
G 85.0	2827	2205	2827	3472	4095	4466	4713	4908	5048	5127
G 90.0	2713	1762	2713	3489	4223	4621	4869	5062	5204	5281