

Luminaire

Code 90832L020

Name ZLP /W LED L0200 DOZ 830 LO

Measurem.

Code 12/8/2023

Name ZLP /W LED L0200 DOZ 830 LO

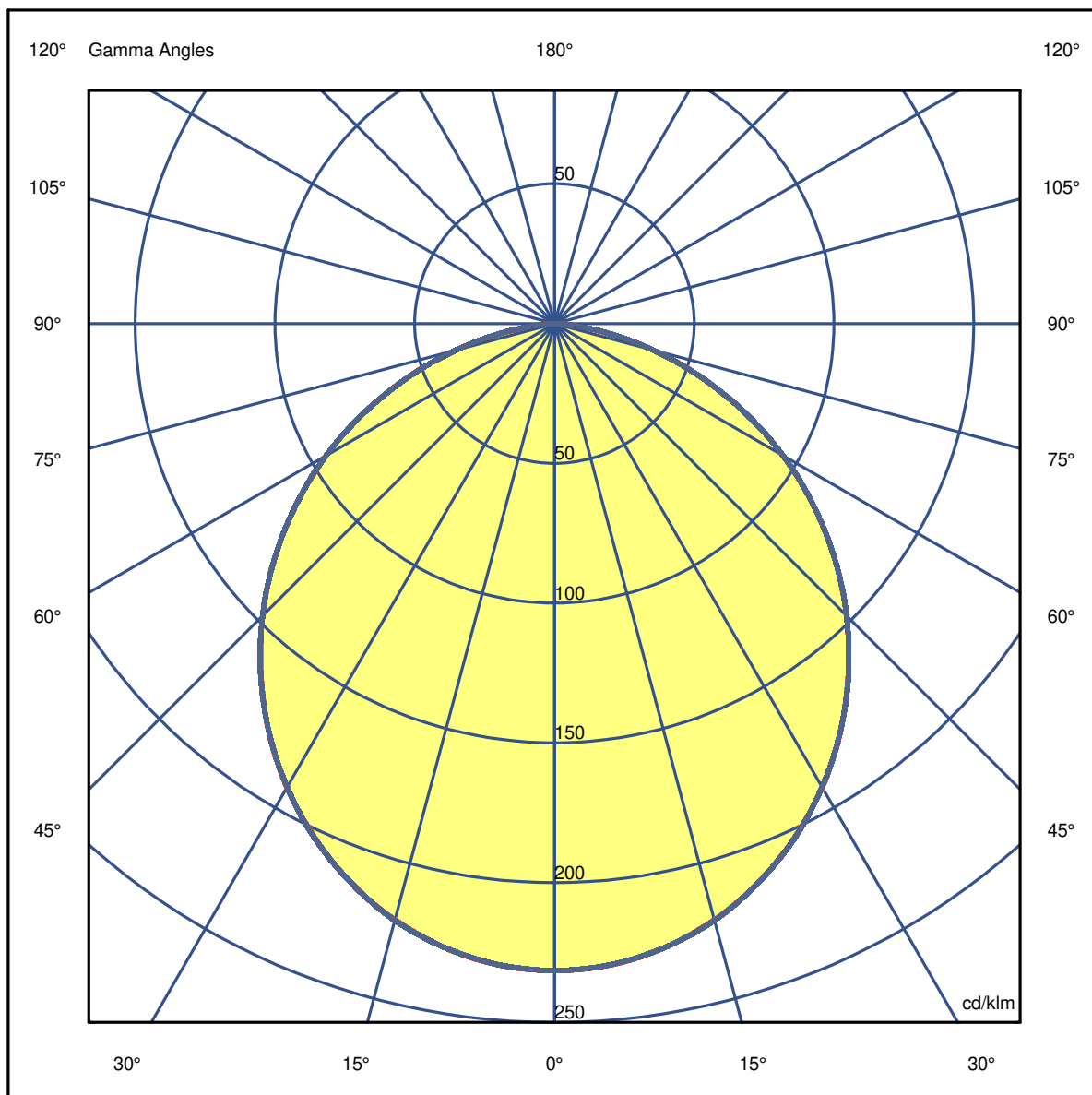
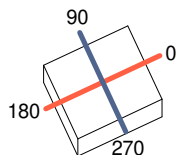
Luminaire Flux	291 lm	Luminaire Power	3.6 W	Efficacy	81.482 lm/W	Efficiency	62.56%
Source Flux	465 lm	Maximum value	231.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

200mm x 230mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



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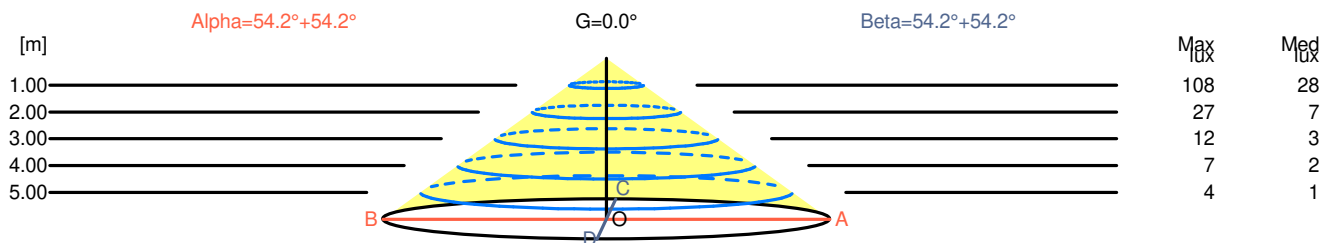
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Width at 50.00 % of Max Intensity

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	1.39	2.78	4.17	5.56	6.94	OC	1.39	2.78	4.17	5.56	6.94
OB	1.39	2.78	4.17	5.56	6.94	OD	1.39	2.78	4.17	5.56	6.94

Luminous Intensities [cd/klm]										
	0	5	15	25	35	45	55	65	75	85
OA	107.65	107.09	102.67	94.40	82.91	68.68	52.55	34.92	17.02	2.60
OB	107.65	107.09	102.67	94.40	82.91	68.68	52.55	34.92	17.02	2.60
OC	107.65	107.04	102.77	94.44	82.86	68.73	52.55	34.83	16.93	2.79
OD	107.65	107.04	102.77	94.44	82.86	68.73	52.55	34.83	16.93	2.79



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0
1.00	2.78	108	28		
2.00	5.56	27	7		
3.00	8.33	12	3		
4.00	11.11	7	2		
5.00	13.89	4	1		

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0
1.00	2.78	108	28		
2.00	5.56	27	7		
3.00	8.33	12	3		
4.00	11.11	7	2		
5.00	13.89	4	1		

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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	18.0	19.3	18.3	19.5	19.8	18.0	19.3	18.3	19.5	19.8
x=2H y=3H	19.4	20.6	19.8	20.9	21.1	19.4	20.6	19.8	20.9	21.2
x=2H y=4H	20.0	21.1	20.3	21.3	21.6	20.0	21.1	20.3	21.3	21.6
x=2H y=6H	20.3	21.3	20.6	21.6	21.9	20.3	21.3	20.6	21.6	21.9
x=2H y=8H	20.3	21.3	20.7	21.6	21.9	20.3	21.3	20.7	21.6	21.9
x=2H y=12H	20.3	21.3	20.7	21.6	22.0	20.3	21.3	20.7	21.6	22.0
x=4H y=2H	18.7	19.8	19.0	20.0	20.3	18.7	19.8	19.0	20.0	20.3
x=4H y=3H	20.3	21.2	20.6	21.5	21.9	20.3	21.2	20.7	21.5	21.9
x=4H y=4H	20.9	21.7	21.3	22.1	22.5	20.9	21.7	21.3	22.1	22.5
x=4H y=6H	21.3	22.0	21.7	22.4	22.8	21.3	22.0	21.7	22.4	22.8
x=4H y=8H	21.4	22.1	21.8	22.5	22.9	21.4	22.1	21.8	22.5	22.9
x=4H y=12H	21.4	22.0	21.9	22.4	22.9	21.4	22.0	21.9	22.4	22.9
x=8H y=4H	21.2	21.8	21.6	22.2	22.6	21.1	21.8	21.6	22.2	22.6
x=8H y=6H	21.7	22.2	22.1	22.6	23.1	21.6	22.2	22.1	22.6	23.1
x=8H y=8H	21.8	22.3	22.3	22.7	23.2	21.8	22.3	22.3	22.7	23.2
x=8H y=12H	21.9	22.3	22.3	22.7	23.2	21.9	22.3	22.4	22.7	23.3
x=12H y=4H	21.1	21.7	21.6	22.1	22.6	21.1	21.7	21.6	22.1	22.6
x=12H y=6H	21.7	22.1	22.2	22.6	23.1	21.7	22.1	22.2	22.6	23.1
x=12H y=8H	21.8	22.2	22.3	22.7	23.2	21.8	22.2	22.3	22.7	23.2

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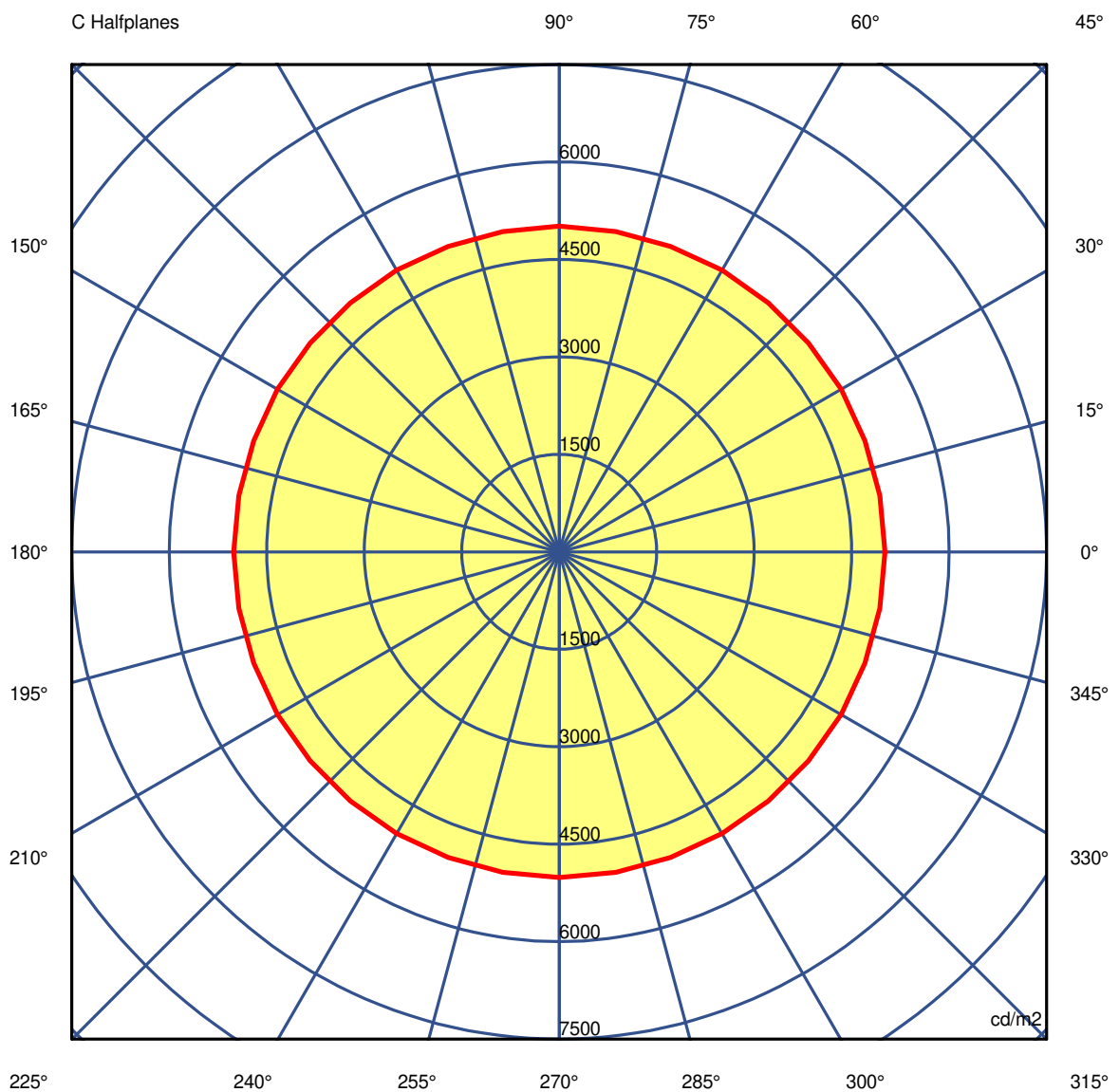
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Luminaire Flux	291 lm	Luminaire Power	3.6 W	Efficacy	81.482 lm/W	Efficiency	62.56%
Source Flux	465 lm	Maximum value	231.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	465 lm	Maximum value		231.50 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	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552
G 5.0	5545	5545	5545	5545	5543	5542	5542	5542	5542	5542	5542	5542	5542
G 10.0	5519	5521	5520	5519	5520	5521	5519	5519	5519	5519	5519	5519	5519
G 15.0	5482	5482	5483	5485	5485	5484	5482	5482	5484	5487	5484	5482	5482
G 20.0	5434	5434	5434	5434	5434	5434	5434	5430	5429	5434	5429	5430	5434
G 25.0	5372	5372	5372	5372	5372	5371	5369	5371	5373	5375	5373	5371	5369
G 30.0	5303	5299	5299	5301	5299	5298	5298	5298	5299	5301	5299	5298	5298
G 35.0	5220	5216	5213	5212	5212	5212	5212	5213	5216	5218	5216	5213	5212
G 40.0	5119	5122	5121	5119	5119	5119	5119	5119	5120	5122	5120	5119	5119
G 45.0	5010	5007	5006	5006	5004	5004	5006	5006	5008	5013	5008	5006	5006
G 50.0	4884	4882	4879	4877	4873	4874	4877	4877	4878	4884	4878	4877	4877
G 55.0	4725	4722	4721	4721	4718	4716	4717	4719	4722	4725	4722	4719	4717
G 60.0	4528	4524	4523	4523	4519	4520	4523	4520	4520	4528	4520	4520	4523
G 65.0	4262	4259	4254	4251	4255	4256	4256	4265	4265	4251	4265	4265	4256
G 70.0	3899	3887	3887	3892	3887	3885	3892	3899	3896	3885	3896	3899	3892
G 75.0	3392	3392	3392	3392	3386	3378	3373	3380	3382	3373	3382	3380	3373
G 80.0	2597	2628	2638	2638	2638	2638	2638	2629	2624	2624	2624	2629	2638
G 85.0	1541	1577	1617	1651	1667	1698	1734	1723	1688	1651	1688	1723	1734
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	465 lm		Maximum value		231.50 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	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	
G 5.0	5542	5543	5545	5545	5545	5545	5545	5545	5545	5543	5542	5542	5542	
G 10.0	5521	5520	5519	5520	5521	5519	5521	5520	5519	5520	5521	5519	5519	
G 15.0	5484	5485	5485	5483	5482	5482	5482	5483	5485	5485	5484	5482	5482	
G 20.0	5434	5434	5434	5434	5434	5434	5434	5434	5434	5434	5434	5434	5430	
G 25.0	5371	5372	5372	5372	5372	5372	5372	5372	5372	5372	5371	5369	5371	
G 30.0	5298	5299	5301	5299	5299	5303	5299	5299	5301	5299	5298	5298	5298	
G 35.0	5212	5212	5212	5213	5216	5220	5216	5213	5212	5212	5212	5212	5213	
G 40.0	5119	5119	5119	5121	5122	5119	5122	5121	5119	5119	5119	5119	5119	
G 45.0	5004	5004	5006	5006	5007	5010	5007	5006	5006	5004	5004	5006	5006	
G 50.0	4874	4873	4877	4879	4882	4884	4882	4879	4877	4873	4874	4877	4877	
G 55.0	4716	4718	4721	4721	4722	4725	4722	4721	4721	4718	4716	4717	4719	
G 60.0	4520	4519	4523	4523	4524	4528	4524	4523	4523	4519	4520	4523	4520	
G 65.0	4256	4255	4251	4254	4259	4262	4259	4254	4251	4255	4256	4256	4265	
G 70.0	3885	3887	3892	3887	3887	3899	3887	3887	3892	3887	3885	3892	3899	
G 75.0	3378	3386	3392	3392	3392	3392	3392	3392	3392	3386	3378	3373	3380	
G 80.0	2638	2638	2638	2638	2628	2597	2628	2638	2638	2638	2638	2638	2629	
G 85.0	1698	1667	1651	1617	1577	1541	1577	1617	1651	1667	1698	1734	1723	
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	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552
G 5.0	5542	5542	5542	5542	5542	5542	5543	5545	5545	5545
G 10.0	5519	5519	5519	5519	5519	5521	5520	5519	5520	5521
G 15.0	5484	5487	5484	5482	5482	5484	5485	5485	5483	5482
G 20.0	5429	5434	5429	5430	5434	5434	5434	5434	5434	5434
G 25.0	5373	5375	5373	5371	5369	5371	5372	5372	5372	5372
G 30.0	5299	5301	5299	5298	5298	5298	5299	5301	5299	5299
G 35.0	5216	5218	5216	5213	5212	5212	5212	5212	5213	5216
G 40.0	5120	5122	5120	5119	5119	5119	5119	5119	5121	5122
G 45.0	5008	5013	5008	5006	5006	5004	5004	5006	5006	5007
G 50.0	4878	4884	4878	4877	4877	4874	4873	4877	4879	4882
G 55.0	4722	4725	4722	4719	4717	4716	4718	4721	4721	4722
G 60.0	4520	4528	4520	4520	4523	4520	4519	4523	4523	4524
G 65.0	4265	4251	4265	4265	4256	4256	4255	4251	4254	4259
G 70.0	3896	3885	3896	3899	3892	3885	3887	3892	3887	3887
G 75.0	3382	3373	3382	3380	3373	3378	3386	3392	3392	3392
G 80.0	2624	2624	2624	2629	2638	2638	2638	2638	2638	2628
G 85.0	1688	1651	1688	1723	1734	1698	1667	1651	1617	1577
G 90.0	0	0	0	0	0	0	0	0	0	0