

Luminaire

Code 90832L020
Name ZLP /W LED L0200 DOZ 840 LO

Measurment.

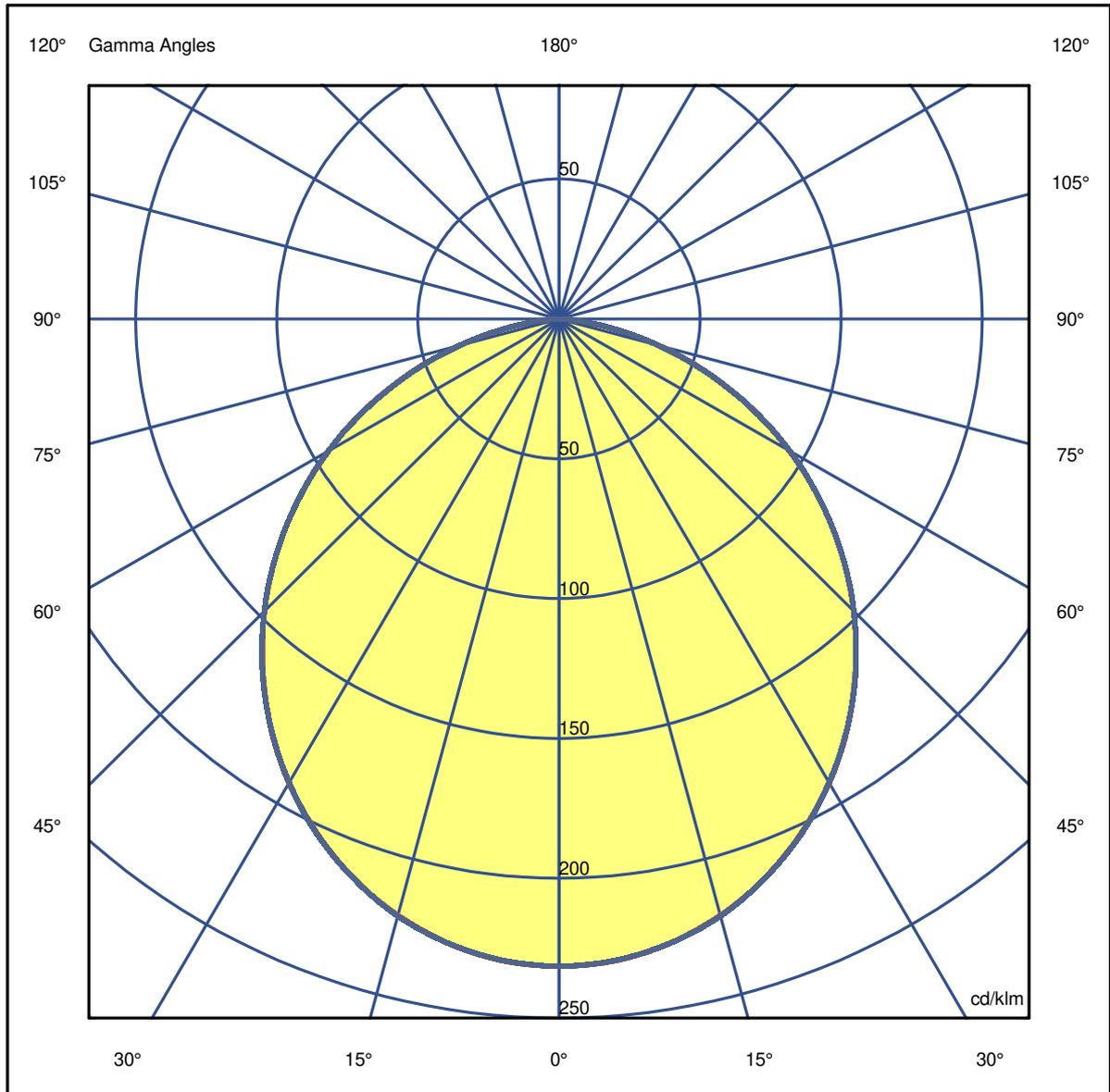
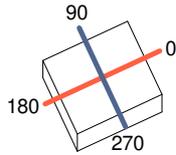
Code 12/8/2023
Name ZLP /W LED L0200 DOZ 840 LO

Luminaire Flux	305 lm	Luminaire Power	3.6 W	Efficacy	85.338 lm/W	Efficiency	62.56%
Source Flux	487 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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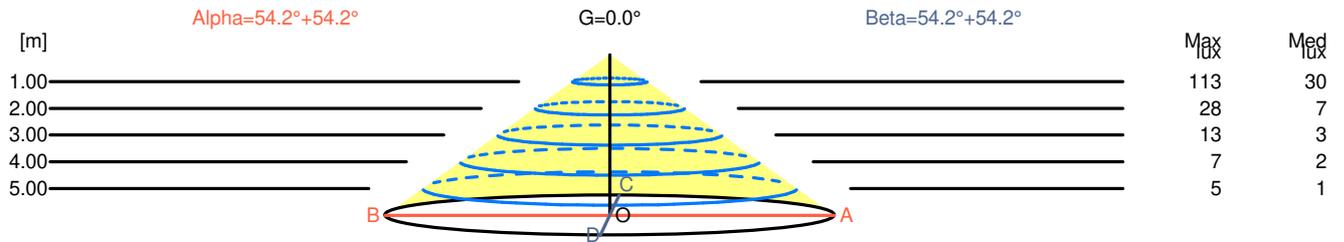
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Width at 50.00 % of Max Intensity

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	112.74	112.16	107.53	98.86	86.83	71.93	55.03	36.57	17.82	2.73
OB	112.74	112.16	107.53	98.86	86.83	71.93	55.03	36.57	17.82	2.73
OC	112.74	112.11	107.63	98.91	86.78	71.98	55.03	36.48	17.73	2.92
OD	112.74	112.11	107.63	98.91	86.78	71.98	55.03	36.48	17.73	2.92



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0
1.00	2.78	113	30		
2.00	5.56	28	7		
3.00	8.33	13	3		
4.00	11.11	7	2		
5.00	13.89	5	1		

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0
1.00	2.78	113	30		
2.00	5.56	28	7		
3.00	8.33	13	3		
4.00	11.11	7	2		
5.00	13.89	5	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	18.2	19.5	18.5	19.7	20.0	18.2	19.5	18.5	19.7	20.0
x=2H y=3H	19.6	20.8	19.9	21.0	21.3	19.6	20.8	19.9	21.1	21.3
x=2H y=4H	20.1	21.2	20.5	21.5	21.8	20.1	21.2	20.5	21.5	21.8
x=2H y=6H	20.4	21.5	20.8	21.8	22.1	20.4	21.5	20.8	21.8	22.1
x=2H y=8H	20.5	21.5	20.9	21.8	22.1	20.5	21.5	20.9	21.8	22.1
x=2H y=12H	20.5	21.4	20.9	21.8	22.1	20.5	21.5	20.9	21.8	22.1
x=4H y=2H	18.8	19.9	19.2	20.2	20.5	18.8	19.9	19.2	20.2	20.5
x=4H y=3H	20.4	21.4	20.8	21.7	22.0	20.4	21.4	20.8	21.7	22.0
x=4H y=4H	21.1	21.9	21.5	22.3	22.6	21.1	21.9	21.5	22.3	22.6
x=4H y=6H	21.5	22.2	21.9	22.6	23.0	21.5	22.2	21.9	22.6	23.0
x=4H y=8H	21.6	22.2	22.0	22.6	23.0	21.6	22.2	22.0	22.6	23.0
x=4H y=12H	21.6	22.2	22.0	22.6	23.0	21.6	22.2	22.0	22.6	23.0
x=8H y=4H	21.3	22.0	21.7	22.4	22.8	21.3	22.0	21.7	22.4	22.8
x=8H y=6H	21.8	22.4	22.3	22.8	23.2	21.8	22.4	22.3	22.8	23.2
x=8H y=8H	22.0	22.4	22.4	22.9	23.3	22.0	22.4	22.4	22.9	23.3
x=8H y=12H	22.0	22.4	22.5	22.9	23.4	22.0	22.4	22.5	22.9	23.4
x=12H y=4H	21.3	21.9	21.7	22.3	22.7	21.3	21.9	21.7	22.3	22.7
x=12H y=6H	21.8	22.3	22.3	22.8	23.2	21.8	22.3	22.3	22.8	23.2
x=12H y=8H	22.0	22.4	22.5	22.9	23.4	22.0	22.4	22.5	22.9	23.4

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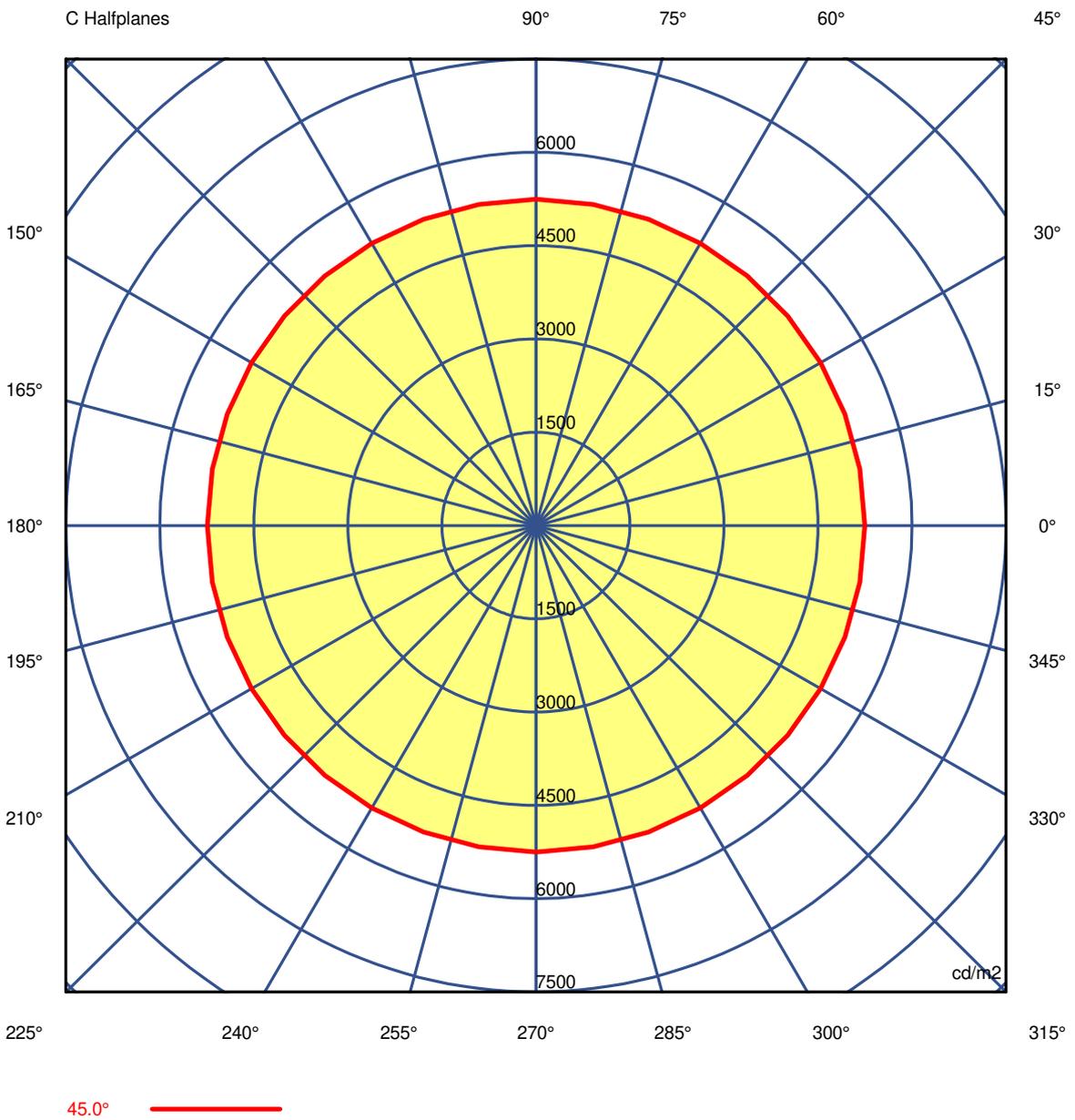
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Luminance



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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	5815	5815	5815	5815	5815	5815	5815	5815	5815	5815	5815	5815	5815
G 5.0	5807	5807	5807	5807	5805	5804	5804	5804	5804	5804	5804	5804	5804
G 10.0	5780	5782	5781	5780	5782	5782	5780	5780	5780	5780	5780	5780	5780
G 15.0	5742	5742	5743	5744	5745	5744	5742	5741	5743	5747	5743	5741	5742
G 20.0	5691	5691	5691	5691	5691	5691	5691	5687	5686	5691	5686	5687	5691
G 25.0	5626	5626	5626	5626	5626	5625	5623	5625	5627	5629	5627	5625	5623
G 30.0	5554	5549	5549	5551	5550	5549	5549	5549	5549	5551	5549	5549	5549
G 35.0	5467	5463	5460	5458	5458	5458	5458	5460	5462	5464	5462	5460	5458
G 40.0	5361	5364	5364	5361	5361	5361	5361	5361	5362	5364	5362	5361	5361
G 45.0	5247	5244	5243	5243	5240	5240	5243	5243	5245	5250	5245	5243	5243
G 50.0	5115	5113	5110	5107	5104	5105	5107	5107	5109	5115	5109	5107	5107
G 55.0	4949	4945	4944	4944	4941	4939	4940	4943	4946	4949	4946	4943	4940
G 60.0	4742	4738	4737	4737	4733	4734	4737	4734	4734	4742	4734	4734	4737
G 65.0	4464	4460	4455	4452	4456	4458	4458	4467	4467	4452	4467	4467	4458
G 70.0	4083	4071	4070	4076	4071	4069	4076	4083	4081	4069	4081	4083	4076
G 75.0	3552	3552	3552	3552	3547	3538	3533	3540	3542	3533	3542	3540	3533
G 80.0	2719	2753	2763	2763	2763	2763	2763	2753	2748	2748	2748	2753	2763
G 85.0	1614	1651	1693	1729	1746	1779	1816	1804	1768	1729	1768	1804	1816
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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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	5815	5815	5815	5815	5815	5815	5815	5815	5815	5815	5815	5815	5815
G 5.0	5804	5805	5807	5807	5807	5807	5807	5807	5807	5805	5804	5804	5804
G 10.0	5782	5782	5780	5781	5782	5780	5782	5781	5780	5782	5782	5780	5780
G 15.0	5744	5745	5744	5743	5742	5742	5742	5743	5744	5745	5744	5742	5741
G 20.0	5691	5691	5691	5691	5691	5691	5691	5691	5691	5691	5691	5691	5687
G 25.0	5625	5626	5626	5626	5626	5626	5626	5626	5626	5626	5625	5623	5625
G 30.0	5549	5550	5551	5549	5549	5554	5549	5549	5551	5550	5549	5549	5549
G 35.0	5458	5458	5458	5460	5463	5467	5463	5460	5458	5458	5458	5458	5460
G 40.0	5361	5361	5361	5364	5364	5361	5364	5364	5361	5361	5361	5361	5361
G 45.0	5240	5240	5243	5243	5244	5247	5244	5243	5243	5240	5240	5243	5243
G 50.0	5105	5104	5107	5110	5113	5115	5113	5110	5107	5104	5105	5107	5107
G 55.0	4939	4941	4944	4944	4945	4949	4945	4944	4944	4941	4939	4940	4943
G 60.0	4734	4733	4737	4737	4738	4742	4738	4737	4737	4733	4734	4737	4734
G 65.0	4458	4456	4452	4455	4460	4464	4460	4455	4452	4456	4458	4458	4467
G 70.0	4069	4071	4076	4070	4071	4083	4071	4070	4076	4071	4069	4076	4083
G 75.0	3538	3547	3552	3552	3552	3552	3552	3552	3547	3538	3538	3533	3540
G 80.0	2763	2763	2763	2763	2753	2719	2753	2763	2763	2763	2763	2763	2753
G 85.0	1779	1746	1729	1693	1651	1614	1651	1693	1729	1746	1779	1816	1804
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	5815	5815	5815	5815	5815	5815	5815	5815	5815	5815
G 5.0	5804	5804	5804	5804	5804	5804	5805	5807	5807	5807
G 10.0	5780	5780	5780	5780	5780	5782	5782	5780	5781	5782
G 15.0	5743	5747	5743	5741	5742	5744	5745	5744	5743	5742
G 20.0	5686	5691	5686	5687	5691	5691	5691	5691	5691	5691
G 25.0	5627	5629	5627	5625	5623	5625	5626	5626	5626	5626
G 30.0	5549	5551	5549	5549	5549	5549	5550	5551	5549	5549
G 35.0	5462	5464	5462	5460	5458	5458	5458	5458	5460	5463
G 40.0	5362	5364	5362	5361	5361	5361	5361	5361	5364	5364
G 45.0	5245	5250	5245	5243	5243	5240	5240	5243	5243	5244
G 50.0	5109	5115	5109	5107	5107	5105	5104	5107	5110	5113
G 55.0	4946	4949	4946	4943	4940	4939	4941	4944	4944	4945
G 60.0	4734	4742	4734	4734	4737	4734	4733	4737	4737	4738
G 65.0	4467	4452	4467	4467	4458	4458	4456	4452	4455	4460
G 70.0	4081	4069	4081	4083	4076	4069	4071	4076	4070	4071
G 75.0	3542	3533	3542	3540	3533	3538	3547	3552	3552	3552
G 80.0	2748	2748	2748	2753	2763	2763	2763	2763	2763	2753
G 85.0	1768	1729	1768	1804	1816	1779	1746	1729	1693	1651
G 90.0	0	0	0	0	0	0	0	0	0	0