

**Luminaire**

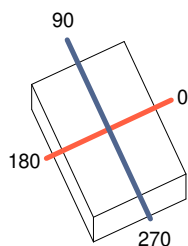
Code 90831L030  
Name ZLP /W LED L0300 DOZ 830 HO

**Measurem.**

Code 12/8/2023  
Name ZLP /W LED L0300 DOZ 830 HO

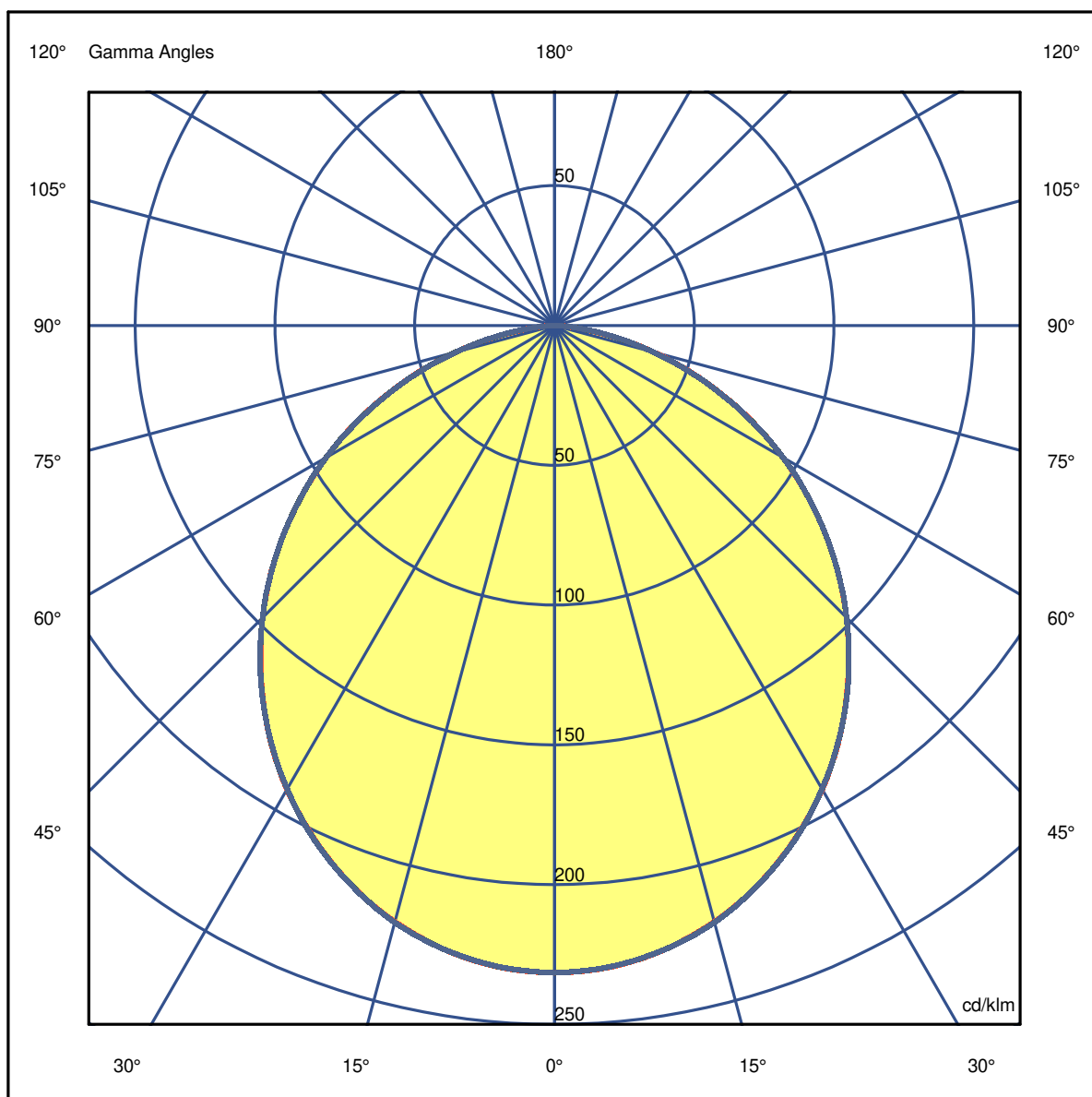
Luminaire Flux	1124 lm	Luminaire Power	11.1 W	Efficacy	101.310 lm/W	Efficiency	62.56%
Source Flux	1796 lm	Maximum value	231.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

330mm x 230mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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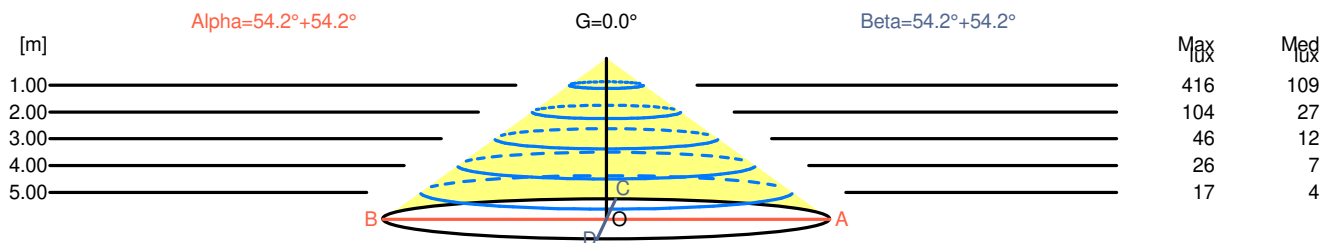
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Width at 50.00 % of Max Intensity

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

	0	5	15	25	35	45	55	65	75	85
OA	415.77	413.62	396.56	364.59	320.23	265.27	202.95	134.88	65.73	10.06
OB	415.77	413.62	396.56	364.59	320.23	265.27	202.95	134.88	65.73	10.06
OC	415.77	413.44	396.92	364.77	320.05	265.45	202.95	134.52	65.37	10.78
OD	415.77	413.44	396.92	364.77	320.05	265.45	202.95	134.52	65.37	10.78



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0	
1.00	2.78	416	109			
2.00	5.56	104	27			
3.00	8.33	46	12			
4.00	11.11	26	7			
5.00	13.89	17	4			

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0	
1.00	2.78	416	109			
2.00	5.56	104	27			
3.00	8.33	46	12			
4.00	11.11	26	7			
5.00	13.89	17	4			

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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	20.5	21.8	20.8	22.1	22.3	20.5	21.8	20.8	22.1	22.3
x=2H y=3H	21.9	23.1	22.3	23.4	23.7	22.0	23.1	22.3	23.4	23.7
x=2H y=4H	22.5	23.6	22.8	23.9	24.1	22.5	23.6	22.8	23.9	24.1
x=2H y=6H	22.8	23.8	23.1	24.1	24.4	22.8	23.8	23.1	24.1	24.4
x=2H y=8H	22.8	23.8	23.2	24.1	24.4	22.8	23.8	23.2	24.1	24.4
x=2H y=12H	22.8	23.8	23.2	24.1	24.5	22.9	23.8	23.2	24.1	24.5
x=4H y=2H	21.2	22.3	21.5	22.6	22.8	21.2	22.3	21.5	22.6	22.8
x=4H y=3H	22.8	23.7	23.2	24.0	24.4	22.8	23.7	23.2	24.0	24.4
x=4H y=4H	23.4	24.2	23.8	24.6	25.0	23.4	24.2	23.8	24.6	25.0
x=4H y=6H	23.8	24.5	24.2	24.9	25.3	23.8	24.5	24.2	24.9	25.3
x=4H y=8H	23.9	24.6	24.3	25.0	25.4	23.9	24.6	24.3	25.0	25.4
x=4H y=12H	23.9	24.5	24.4	24.9	25.4	23.9	24.5	24.4	24.9	25.4
x=8H y=4H	23.7	24.3	24.1	24.7	25.1	23.7	24.3	24.1	24.7	25.1
x=8H y=6H	24.2	24.7	24.6	25.1	25.6	24.2	24.7	24.6	25.1	25.6
x=8H y=8H	24.3	24.8	24.8	25.2	25.7	24.3	24.8	24.8	25.2	25.7
x=8H y=12H	24.4	24.8	24.8	25.2	25.7	24.4	24.8	24.9	25.2	25.8
x=12H y=4H	23.6	24.2	24.1	24.6	25.1	23.6	24.2	24.1	24.6	25.1
x=12H y=6H	24.2	24.6	24.7	25.1	25.6	24.2	24.6	24.7	25.1	25.6
x=12H y=8H	24.3	24.7	24.8	25.2	25.7	24.3	24.7	24.8	25.2	25.7

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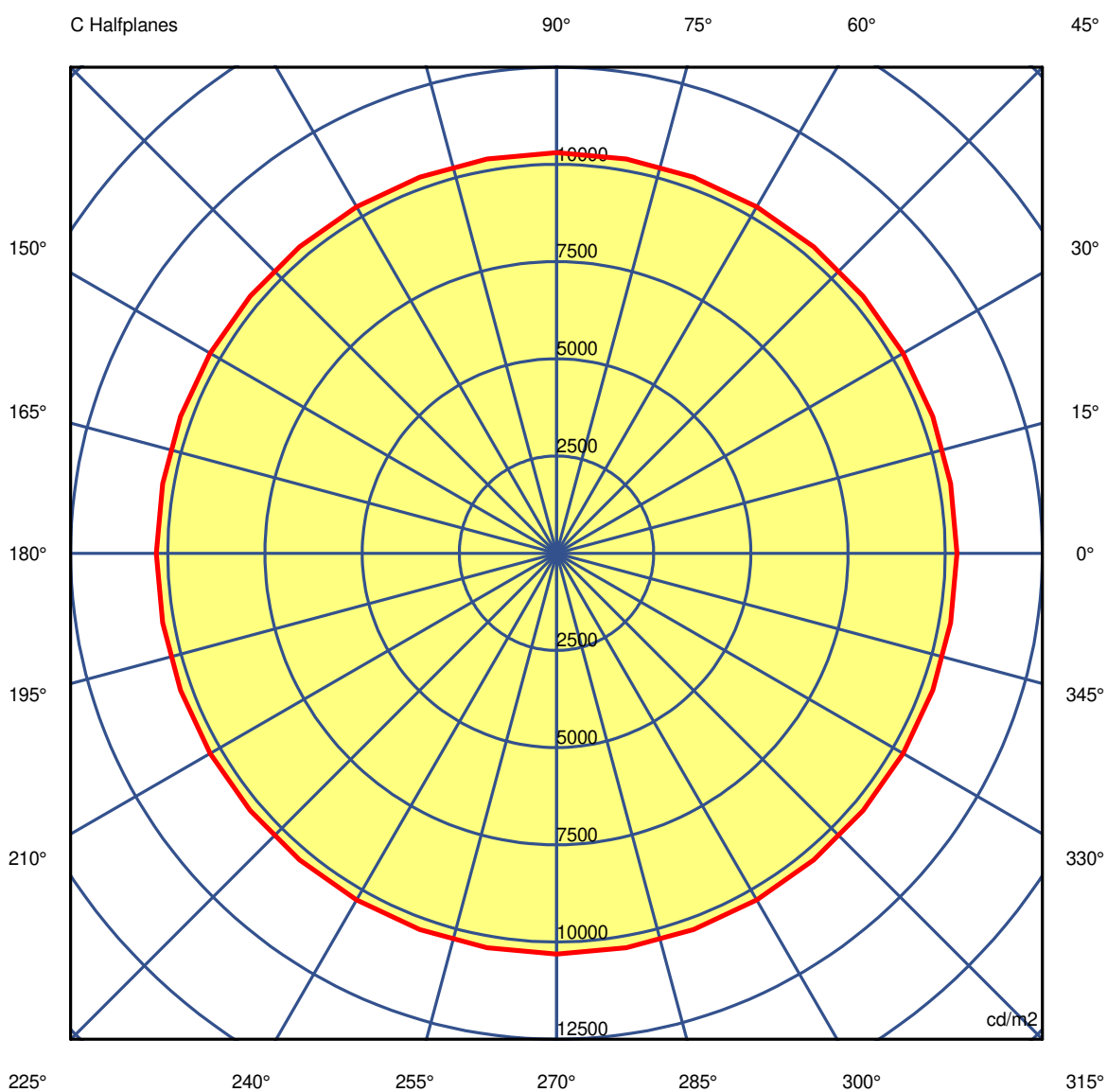
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Luminaire Flux	1124 lm	Luminaire Power	11.1 W	Efficacy	101.310 lm/W	Efficiency	62.56%
Source Flux	1796 lm	Maximum value	231.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

**Luminaire**

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**Measur.**

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Source Flux	1796 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	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417	
G 5.0	11401	11401	11401	11401	11397	11396	11396	11396	11396	11396	11396	11396	11396	
G 10.0	11347	11352	11351	11347	11351	11352	11347	11347	11347	11347	11347	11347	11347	
G 15.0	11273	11273	11275	11278	11279	11277	11273	11272	11276	11283	11276	11272	11273	
G 20.0	11173	11173	11173	11173	11173	11173	11173	11165	11164	11173	11164	11165	11173	
G 25.0	11046	11046	11046	11046	11046	11044	11041	11044	11048	11052	11048	11044	11041	
G 30.0	10905	10895	10895	10899	10896	10894	10894	10894	10895	10899	10895	10894	10894	
G 35.0	10734	10726	10719	10716	10716	10716	10716	10720	10725	10728	10725	10720	10716	
G 40.0	10526	10532	10531	10526	10526	10526	10526	10526	10527	10532	10527	10526	10526	
G 45.0	10301	10296	10294	10294	10289	10289	10294	10294	10297	10308	10297	10294	10294	
G 50.0	10043	10038	10033	10028	10021	10022	10028	10028	10031	10043	10031	10028	10028	
G 55.0	9716	9709	9707	9707	9702	9697	9699	9704	9710	9716	9710	9704	9699	
G 60.0	9311	9303	9301	9301	9293	9294	9301	9294	9294	9311	9294	9294	9301	
G 65.0	8764	8757	8746	8740	8749	8752	8752	8770	8770	8740	8770	8770	8752	
G 70.0	8017	7993	7992	8003	7993	7989	8003	8016	8011	7988	8011	8016	8003	
G 75.0	6974	6974	6974	6974	6963	6945	6936	6949	6953	6936	6953	6949	6936	
G 80.0	5339	5404	5424	5424	5424	5424	5424	5405	5396	5396	5396	5405	5424	
G 85.0	3169	3242	3324	3395	3428	3492	3565	3543	3471	3395	3471	3543	3565	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Source Flux		1796 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	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417
G 5.0	11396	11397	11401	11401	11401	11401	11401	11401	11401	11401	11397	11396	11396	11396	11396
G 10.0	11352	11351	11347	11351	11352	11347	11352	11351	11347	11351	11352	11347	11347	11347	11347
G 15.0	11277	11279	11278	11275	11273	11273	11273	11275	11278	11279	11277	11273	11272	11272	11272
G 20.0	11173	11173	11173	11173	11173	11173	11173	11173	11173	11173	11173	11173	11173	11165	11165
G 25.0	11044	11046	11046	11046	11046	11046	11046	11046	11046	11046	11046	11044	11041	11044	11044
G 30.0	10894	10896	10899	10895	10895	10905	10895	10895	10899	10896	10894	10894	10894	10894	10894
G 35.0	10716	10716	10716	10719	10726	10734	10726	10719	10716	10716	10716	10716	10716	10720	10720
G 40.0	10526	10526	10526	10531	10532	10526	10532	10531	10526	10526	10526	10526	10526	10526	10526
G 45.0	10289	10289	10294	10294	10296	10301	10296	10294	10294	10289	10289	10289	10294	10294	10294
G 50.0	10022	10021	10028	10033	10038	10043	10038	10033	10028	10021	10022	10028	10028	10028	10028
G 55.0	9697	9702	9707	9707	9709	9716	9709	9707	9707	9702	9697	9699	9704	9704	9704
G 60.0	9294	9293	9301	9301	9303	9311	9303	9301	9301	9293	9294	9301	9294	9294	9294
G 65.0	8752	8749	8740	8746	8757	8764	8757	8746	8740	8749	8752	8752	8770	8770	8770
G 70.0	7989	7993	8003	7992	7993	8017	7993	7992	8003	7993	7989	8003	8016	8016	8016
G 75.0	6945	6963	6974	6974	6974	6974	6974	6974	6974	6963	6945	6936	6949	6949	6949
G 80.0	5424	5424	5424	5424	5404	5339	5404	5424	5424	5424	5424	5424	5424	5405	5405
G 85.0	3492	3428	3395	3324	3242	3169	3242	3324	3395	3428	3492	3565	3543	3543	3543
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	11417	11417	11417	11417	11417	11417	11417	11417	11417	11417
G 5.0	11396	11396	11396	11396	11396	11396	11397	11401	11401	11401
G 10.0	11347	11347	11347	11347	11347	11352	11351	11347	11351	11352
G 15.0	11276	11283	11276	11272	11273	11277	11279	11278	11275	11273
G 20.0	11164	11173	11164	11165	11173	11173	11173	11173	11173	11173
G 25.0	11048	11052	11048	11044	11041	11044	11046	11046	11046	11046
G 30.0	10895	10899	10895	10894	10894	10894	10896	10899	10895	10895
G 35.0	10725	10728	10725	10720	10716	10716	10716	10716	10719	10726
G 40.0	10527	10532	10527	10526	10526	10526	10526	10526	10531	10532
G 45.0	10297	10308	10297	10294	10294	10289	10289	10294	10294	10296
G 50.0	10031	10043	10031	10028	10028	10022	10021	10028	10033	10038
G 55.0	9710	9716	9710	9704	9699	9697	9702	9707	9707	9709
G 60.0	9294	9311	9294	9294	9301	9294	9293	9301	9301	9303
G 65.0	8770	8740	8770	8770	8752	8752	8749	8740	8746	8757
G 70.0	8011	7988	8011	8016	8003	7989	7993	8003	7992	7993
G 75.0	6953	6936	6953	6949	6936	6945	6963	6974	6974	6974
G 80.0	5396	5396	5396	5405	5424	5424	5424	5424	5424	5404
G 85.0	3471	3395	3471	3543	3565	3492	3428	3395	3324	3242
G 90.0	0	0	0	0	0	0	0	0	0	0