

Luminaire

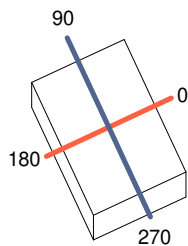
Code 90831L030
Name ZLP /W LED L0300 DOZ 840 HO

Measurem.

Code 12/8/2023
Name ZLP /W LED L0300 DOZ 840 HO

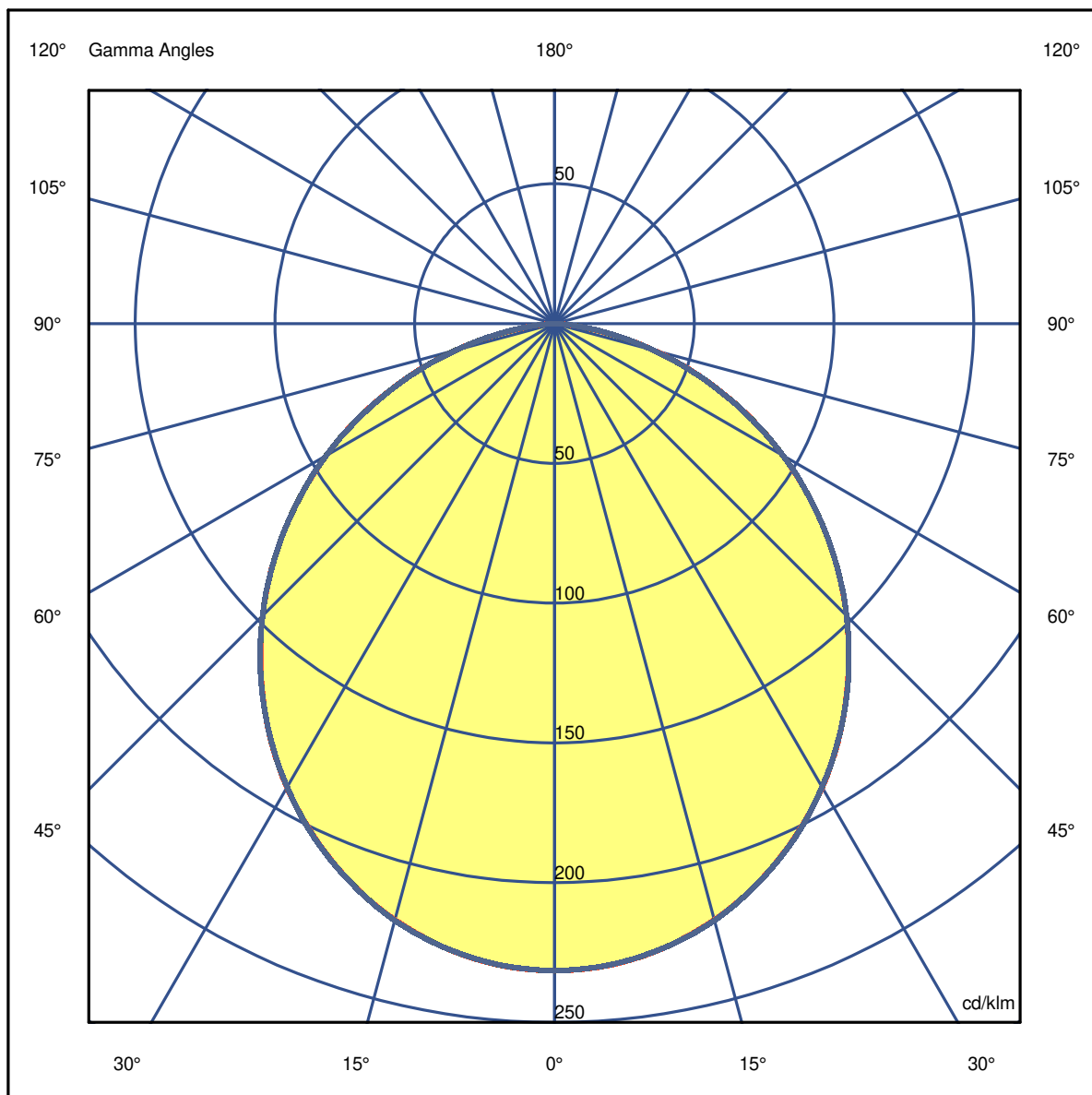
Luminaire Flux	1217 lm	Luminaire Power	11.1 W	Efficacy	109.772 lm/W	Efficiency	62.56%
Source Flux	1946 lm	Maximum value	231.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

330mm x 230mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

Code 90831L030
Name ZLP /W LED L0300 DOZ 840 HO

Measur.

Code 12/8/2023
Name ZLP /W LED L0300 DOZ 840 HO

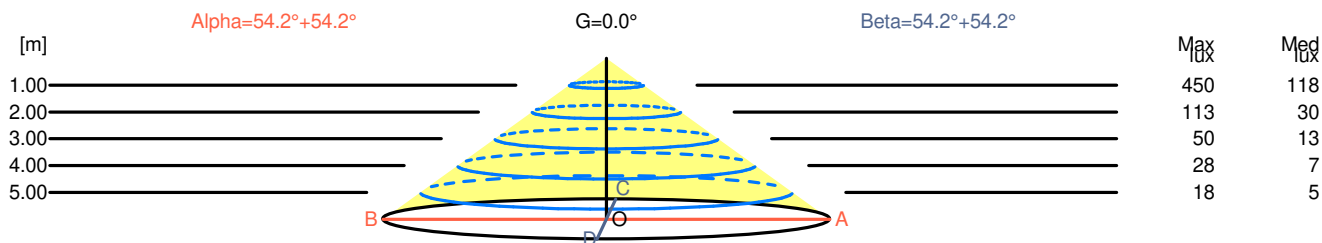
Luminaire Flux	1217 lm	Luminaire Power	11.1 W	Efficacy	109.772 lm/W	Efficiency	62.56%
Source Flux	1946 lm	Maximum value	231.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical


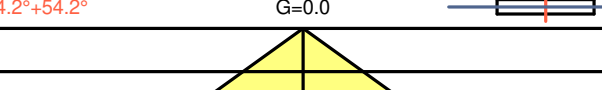
Width at 50.00 % of Max Intensity


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	450.50	448.16	429.68	395.04	346.97	287.42	219.90	146.14	71.22	10.90
OB	450.50	448.16	429.68	395.04	346.97	287.42	219.90	146.14	71.22	10.90
OC	450.50	447.97	430.07	395.23	346.78	287.62	219.90	145.76	70.83	11.68
OD	450.50	447.97	430.07	395.23	346.78	287.62	219.90	145.76	70.83	11.68



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0	
1.00	2.78	450	118			
2.00	5.56	113	30			
3.00	8.33	50	13			
4.00	11.11	28	7			
5.00	13.89	18	5			

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0	
1.00	2.78	450	118			
2.00	5.56	113	30			
3.00	8.33	50	13			
4.00	11.11	28	7			
5.00	13.89	18	5			

Luminaire

Code 90831L030
Name ZLP /W LED L0300 DOZ 840 HO

Measurem.

Code 12/8/2023
Name ZLP /W LED L0300 DOZ 840 HO

Luminaire Flux	1217 lm	Luminaire Power	11.1 W	Efficacy	109.772 lm/W	Efficiency	62.56%
Source Flux	1946 lm	Maximum value	231.50 cd/klm	Position	C=0.00 G=0.00	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	20.8	22.1	21.1	22.3	22.6	20.8	22.1	21.1	22.3	22.6
x=2H y=3H	22.2	23.4	22.6	23.7	23.9	22.2	23.4	22.6	23.7	23.9
x=2H y=4H	22.7	23.8	23.1	24.1	24.4	22.7	23.8	23.1	24.1	24.4
x=2H y=6H	23.0	24.1	23.4	24.4	24.7	23.0	24.1	23.4	24.4	24.7
x=2H y=8H	23.1	24.1	23.5	24.4	24.7	23.1	24.1	23.5	24.4	24.7
x=2H y=12H	23.1	24.1	23.5	24.4	24.7	23.1	24.1	23.5	24.4	24.7
x=4H y=2H	21.4	22.5	21.8	22.8	23.1	21.4	22.5	21.8	22.8	23.1
x=4H y=3H	23.0	24.0	23.4	24.3	24.7	23.0	24.0	23.4	24.3	24.7
x=4H y=4H	23.7	24.5	24.1	24.9	25.2	23.7	24.5	24.1	24.9	25.2
x=4H y=6H	24.1	24.8	24.5	25.2	25.6	24.1	24.8	24.5	25.2	25.6
x=4H y=8H	24.2	24.9	24.6	25.3	25.7	24.2	24.9	24.6	25.3	25.7
x=4H y=12H	24.2	24.8	24.7	25.2	25.7	24.2	24.8	24.7	25.2	25.7
x=8H y=4H	23.9	24.6	24.4	25.0	25.4	23.9	24.6	24.4	25.0	25.4
x=8H y=6H	24.4	25.0	24.9	25.4	25.9	24.4	25.0	24.9	25.4	25.9
x=8H y=8H	24.6	25.0	25.1	25.5	26.0	24.6	25.0	25.1	25.5	26.0
x=8H y=12H	24.6	25.0	25.1	25.5	26.0	24.6	25.1	25.1	25.5	26.0
x=12H y=4H	23.9	24.5	24.4	24.9	25.4	23.9	24.5	24.4	24.9	25.4
x=12H y=6H	24.5	24.9	24.9	25.4	25.9	24.5	24.9	24.9	25.4	25.8
x=12H y=8H	24.6	25.0	25.1	25.5	26.0	24.6	25.0	25.1	25.5	26.0

Luminaire

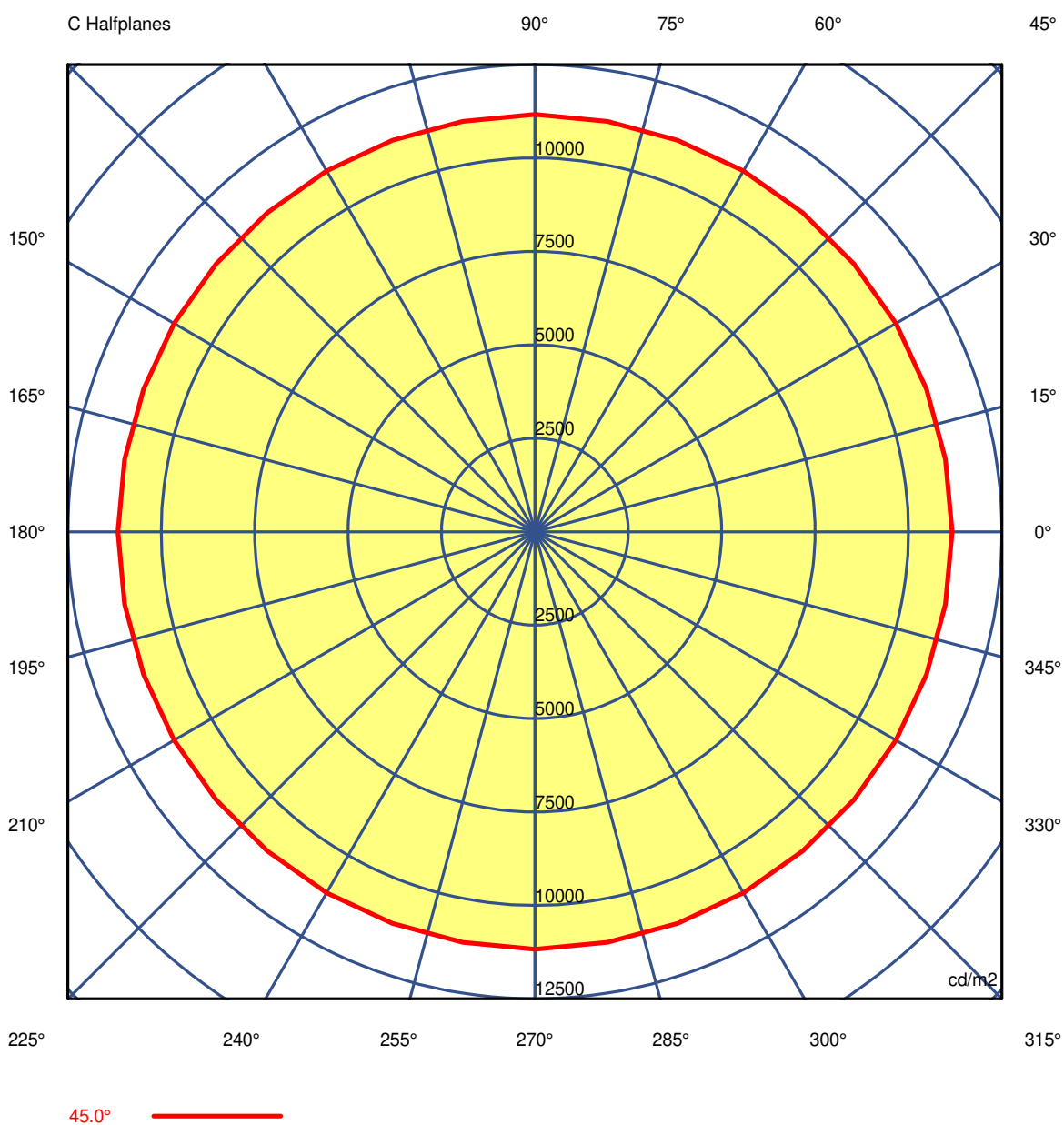
Code 90831L030
Name ZLP /W LED L0300 DOZ 840 HO

Measurem.

Code 12/8/2023
Name ZLP /W LED L0300 DOZ 840 HO

Luminaire Flux	1217 lm	Luminaire Power	11.1 W	Efficacy	109.772 lm/W	Efficiency	62.56%
Source Flux	1946 lm	Maximum value	231.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90831L030

Name ZLP /W LED L0300 DOZ 840 HO

Measur.

Code 12/8/2023

Name ZLP /W LED L0300 DOZ 840 HO

Luminaire Flux	1217 lm		Luminaire Power		11.1 W		Efficacy		109.772 lm/W		Efficiency		62.56%	
Source Flux	1946 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	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370	
G 5.0	12353	12353	12353	12353	12349	12348	12348	12348	12348	12348	12348	12348	12348	
G 10.0	12295	12300	12299	12295	12299	12300	12295	12295	12295	12295	12295	12295	12295	
G 15.0	12215	12215	12216	12220	12221	12219	12215	12213	12217	12226	12217	12213	12215	
G 20.0	12106	12106	12106	12106	12106	12106	12106	12098	12096	12106	12096	12098	12106	
G 25.0	11969	11969	11969	11969	11969	11967	11963	11966	11971	11975	11971	11966	11963	
G 30.0	11816	11805	11805	11810	11806	11804	11804	11804	11805	11810	11805	11804	11804	
G 35.0	11631	11622	11615	11611	11611	11611	11611	11615	11620	11624	11620	11615	11611	
G 40.0	11405	11411	11410	11405	11405	11405	11405	11405	11407	11412	11407	11405	11405	
G 45.0	11161	11155	11154	11154	11148	11148	11154	11154	11157	11169	11157	11154	11154	
G 50.0	10882	10876	10871	10865	10858	10859	10865	10865	10869	10882	10869	10865	10865	
G 55.0	10527	10520	10518	10518	10512	10507	10509	10514	10521	10527	10521	10514	10509	
G 60.0	10089	10080	10078	10078	10069	10070	10078	10070	10070	10089	10070	10070	10078	
G 65.0	9496	9488	9477	9470	9479	9483	9483	9503	9503	9470	9503	9503	9483	
G 70.0	8687	8660	8659	8671	8661	8656	8671	8686	8681	8655	8681	8686	8671	
G 75.0	7556	7556	7556	7556	7545	7525	7515	7530	7534	7515	7534	7530	7515	
G 80.0	5785	5856	5877	5877	5877	5877	5877	5856	5847	5847	5847	5856	5877	
G 85.0	3433	3513	3602	3679	3714	3784	3863	3838	3761	3679	3761	3838	3863	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Luminaire

Code 90831L030

Name ZLP /W LED L0300 DOZ 840 HO

Measurement

Code 12/8/2023

Name ZLP /W LED L0300 DOZ 840 HO

Luminaire Flux		1217 lm		Luminaire Power		11.1 W		Efficacy		109.772 lm/W		Efficiency		62.56%	
Source Flux		1946 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	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370
G 5.0	12348	12349	12353	12353	12353	12353	12353	12353	12353	12353	12349	12348	12348	12348	12348
G 10.0	12300	12299	12295	12299	12300	12295	12300	12299	12299	12295	12299	12300	12295	12295	12295
G 15.0	12219	12221	12220	12216	12215	12215	12215	12215	12216	12220	12221	12219	12215	12213	12213
G 20.0	12106	12106	12106	12106	12106	12106	12106	12106	12106	12106	12106	12106	12106	12098	12098
G 25.0	11967	11969	11969	11969	11969	11969	11969	11969	11969	11969	11969	11967	11963	11966	11966
G 30.0	11804	11806	11810	11805	11805	11816	11805	11805	11810	11806	11804	11804	11804	11804	11804
G 35.0	11611	11611	11611	11615	11622	11631	11622	11615	11611	11611	11611	11611	11611	11615	11615
G 40.0	11405	11405	11405	11410	11411	11405	11411	11410	11405	11405	11405	11405	11405	11405	11405
G 45.0	11148	11148	11154	11154	11155	11161	11155	11154	11154	11148	11148	11148	11154	11154	11154
G 50.0	10859	10858	10865	10871	10876	10882	10876	10871	10865	10858	10859	10865	10865	10865	10865
G 55.0	10507	10512	10518	10518	10520	10527	10520	10518	10518	10512	10507	10509	10514	10514	10514
G 60.0	10070	10069	10078	10078	10080	10089	10080	10078	10078	10069	10070	10078	10078	10070	10070
G 65.0	9483	9479	9470	9477	9488	9496	9488	9477	9470	9479	9483	9483	9483	9503	9503
G 70.0	8656	8661	8671	8659	8660	8687	8660	8659	8671	8661	8656	8671	8686	8686	8686
G 75.0	7525	7545	7556	7556	7556	7556	7556	7556	7556	7545	7525	7515	7530	7530	7530
G 80.0	5877	5877	5877	5877	5856	5785	5856	5877	5877	5877	5877	5877	5877	5856	5856
G 85.0	3784	3714	3679	3602	3513	3433	3513	3602	3679	3714	3784	3863	3838	3838	3838
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire

Code 90831L030

Name ZLP /W LED L0300 DOZ 840 HO

Measurem.

Code 12/8/2023

Name ZLP /W LED L0300 DOZ 840 HO

Luminaire Flux	1217 lm	Luminaire Power	11.1 W	Efficacy	109.772 lm/W	Efficiency	62.56%
Source Flux	1946 lm	Maximum value	231.50 cd/klm	Position	C=0.00 G=0.00	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	12370	12370	12370	12370	12370	12370	12370	12370	12370	12370
G 5.0	12348	12348	12348	12348	12348	12348	12349	12353	12353	12353
G 10.0	12295	12295	12295	12295	12295	12300	12299	12295	12299	12300
G 15.0	12217	12226	12217	12213	12215	12219	12221	12220	12216	12215
G 20.0	12096	12106	12096	12098	12106	12106	12106	12106	12106	12106
G 25.0	11971	11975	11971	11966	11963	11967	11969	11969	11969	11969
G 30.0	11805	11810	11805	11804	11804	11804	11806	11810	11805	11805
G 35.0	11620	11624	11620	11615	11611	11611	11611	11611	11615	11622
G 40.0	11407	11412	11407	11405	11405	11405	11405	11405	11410	11411
G 45.0	11157	11169	11157	11154	11154	11148	11148	11154	11154	11155
G 50.0	10869	10882	10869	10865	10865	10859	10858	10865	10871	10876
G 55.0	10521	10527	10521	10514	10509	10507	10512	10518	10518	10520
G 60.0	10070	10089	10070	10070	10078	10070	10069	10078	10078	10080
G 65.0	9503	9470	9503	9503	9483	9483	9479	9470	9477	9488
G 70.0	8681	8655	8681	8686	8671	8656	8661	8671	8659	8660
G 75.0	7534	7515	7534	7530	7515	7525	7545	7556	7556	7556
G 80.0	5847	5847	5847	5856	5877	5877	5877	5877	5877	5856
G 85.0	3761	3679	3761	3838	3863	3784	3714	3679	3602	3513
G 90.0	0	0	0	0	0	0	0	0	0	0