

Luminaire

Code 90014L00M
Name DYNA D236 EFFICIENT 830 80° MO

Measurem.

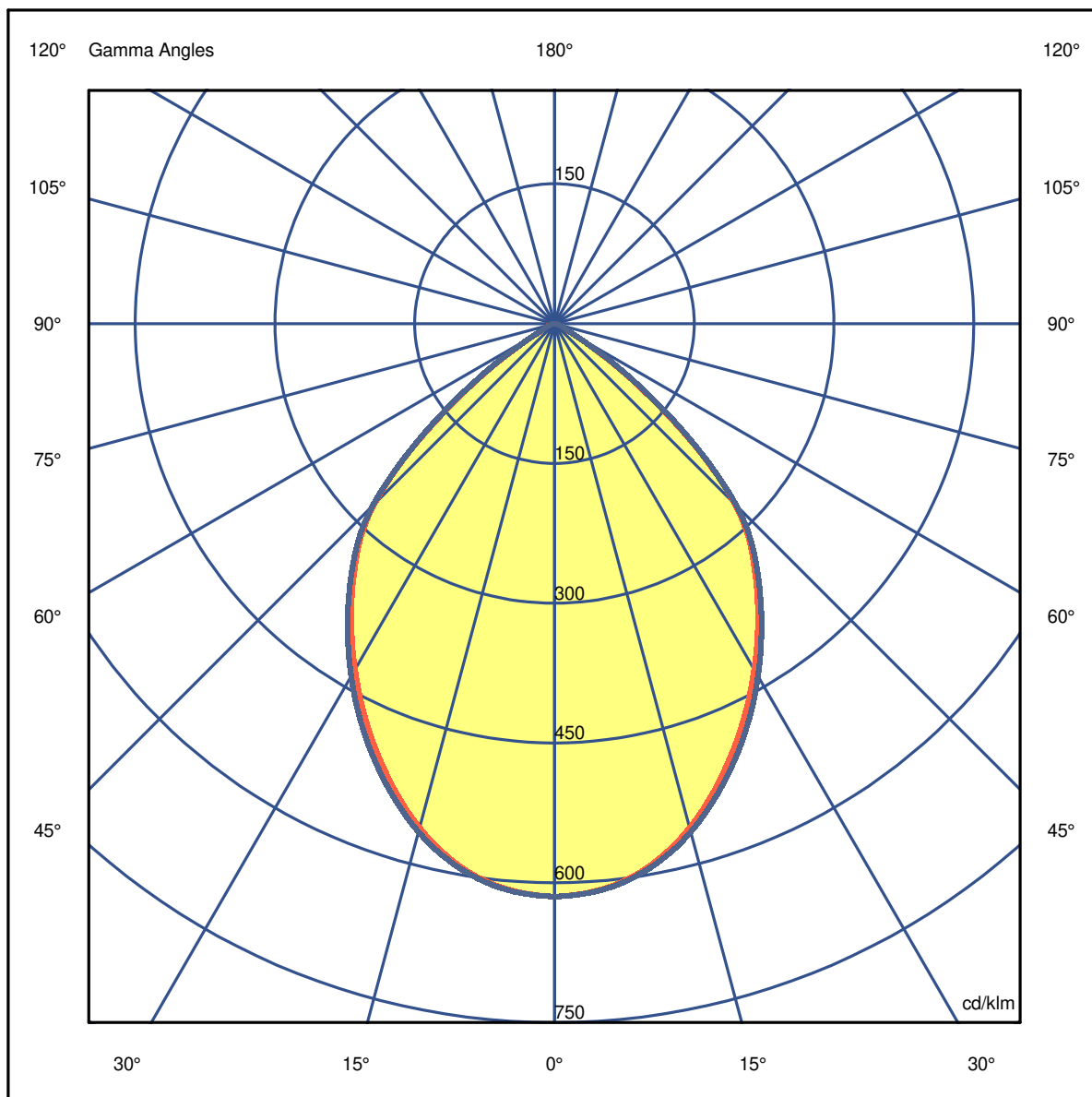
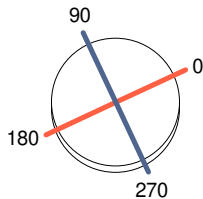
Code 21/3/2023
Name DYNA D236 EFFICIENT 830 80° MO

Luminaire Flux	2109 lm	Luminaire Power	16.9 W	Efficacy	124.807 lm/W	Efficiency	99.07%
Source Flux	2129 lm	Maximum value	614.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=236mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

Code 90014L00M
Name DYNA D236 EFFICIENT 830 80° MO

Measurem.

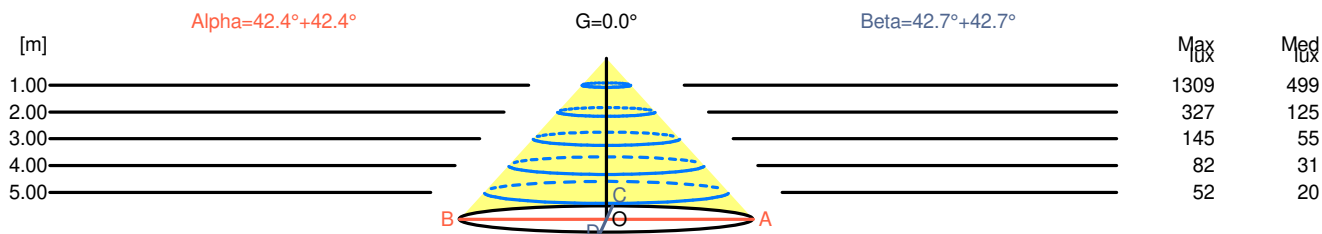
Code 21/3/2023
Name DYNA D236 EFFICIENT 830 80° MO

Luminaire Flux	2109 lm	Luminaire Power	16.9 W	Efficacy	124.807 lm/W	Efficiency	99.07%
Source Flux	2129 lm	Maximum value	614.90 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	0.91	1.83	2.74	3.65	4.57	OC	0.92	1.85	2.77	3.69	4.62
OB	0.91	1.83	2.74	3.65	4.57	OD	0.92	1.85	2.77	3.69	4.62

	0	5	15	25	35	45	55	65	75	85
OA	1309.12	1295.50	1192.03	1012.13	810.08	583.13	186.50	25.55	12.35	3.41
OB	1309.12	1295.50	1192.03	1012.13	810.08	583.13	186.50	25.55	12.35	3.41
OC	1309.12	1297.20	1202.25	1030.22	824.56	588.46	195.23	24.48	10.86	2.98
OD	1309.12	1297.20	1202.25	1030.22	824.56	588.46	195.23	24.48	10.86	2.98



H[m]	D[m]	Max lux	Med lux	Alpha=42.4°+42.4°	G=0.0	
1.00	1.83	1309	499			
2.00	3.65	327	125			
3.00	5.48	145	55			
4.00	7.31	82	31			
5.00	9.13	52	20			

H[m]	D[m]	Max lux	Med lux	Beta=42.7°+42.7°	G=0.0	
1.00	1.85	1309	499			
2.00	3.69	327	125			
3.00	5.54	145	55			
4.00	7.39	82	31			
5.00	9.23	52	20			

Luminaire

Code 90014L00M
Name DYNA D236 EFFICIENT 830 80° MO

Measurem.

Code 21/3/2023
Name DYNA D236 EFFICIENT 830 80° MO

Luminaire Flux	2109 lm	Luminaire Power	16.9 W	Efficacy	124.807 lm/W	Efficiency	99.07%
Source Flux	2129 lm	Maximum value	614.90 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	19.0	20.0	19.3	20.2	20.4	19.1	20.1	19.4	20.3	20.5
x=2H y=3H	18.9	19.8	19.2	20.0	20.2	19.0	19.8	19.3	20.1	20.3
x=2H y=4H	18.8	19.6	19.1	19.9	20.2	18.9	19.7	19.2	20.0	20.2
x=2H y=6H	18.7	19.5	19.1	19.8	20.1	18.8	19.6	19.2	19.9	20.2
x=2H y=8H	18.7	19.4	19.1	19.7	20.0	18.8	19.5	19.1	19.8	20.1
x=2H y=12H	18.7	19.3	19.0	19.6	20.0	18.8	19.4	19.1	19.7	20.1
x=4H y=2H	18.9	19.7	19.2	19.9	20.2	19.0	19.8	19.3	20.0	20.3
x=4H y=3H	18.7	19.4	19.1	19.7	20.1	18.8	19.5	19.2	19.8	20.1
x=4H y=4H	18.7	19.3	19.1	19.6	20.0	18.8	19.4	19.2	19.7	20.1
x=4H y=6H	18.6	19.1	19.0	19.5	19.9	18.7	19.2	19.1	19.6	20.0
x=4H y=8H	18.6	19.0	19.0	19.4	19.8	18.7	19.1	19.1	19.5	19.9
x=4H y=12H	18.6	19.0	19.0	19.4	19.8	18.6	19.0	19.1	19.4	19.9
x=8H y=4H	18.6	19.0	19.0	19.4	19.8	18.7	19.1	19.1	19.5	19.9
x=8H y=6H	18.5	18.9	19.0	19.3	19.8	18.6	19.0	19.1	19.4	19.8
x=8H y=8H	18.5	18.8	19.0	19.3	19.7	18.6	18.9	19.0	19.3	19.8
x=8H y=12H	18.4	18.7	18.9	19.2	19.7	18.5	18.8	19.0	19.3	19.8
x=12H y=4H	18.6	19.0	19.0	19.4	19.8	18.6	19.0	19.1	19.4	19.9
x=12H y=6H	18.5	18.8	19.0	19.3	19.7	18.6	18.9	19.0	19.3	19.8
x=12H y=8H	18.4	18.7	18.9	19.2	19.7	18.5	18.8	19.0	19.3	19.8

Luminaire

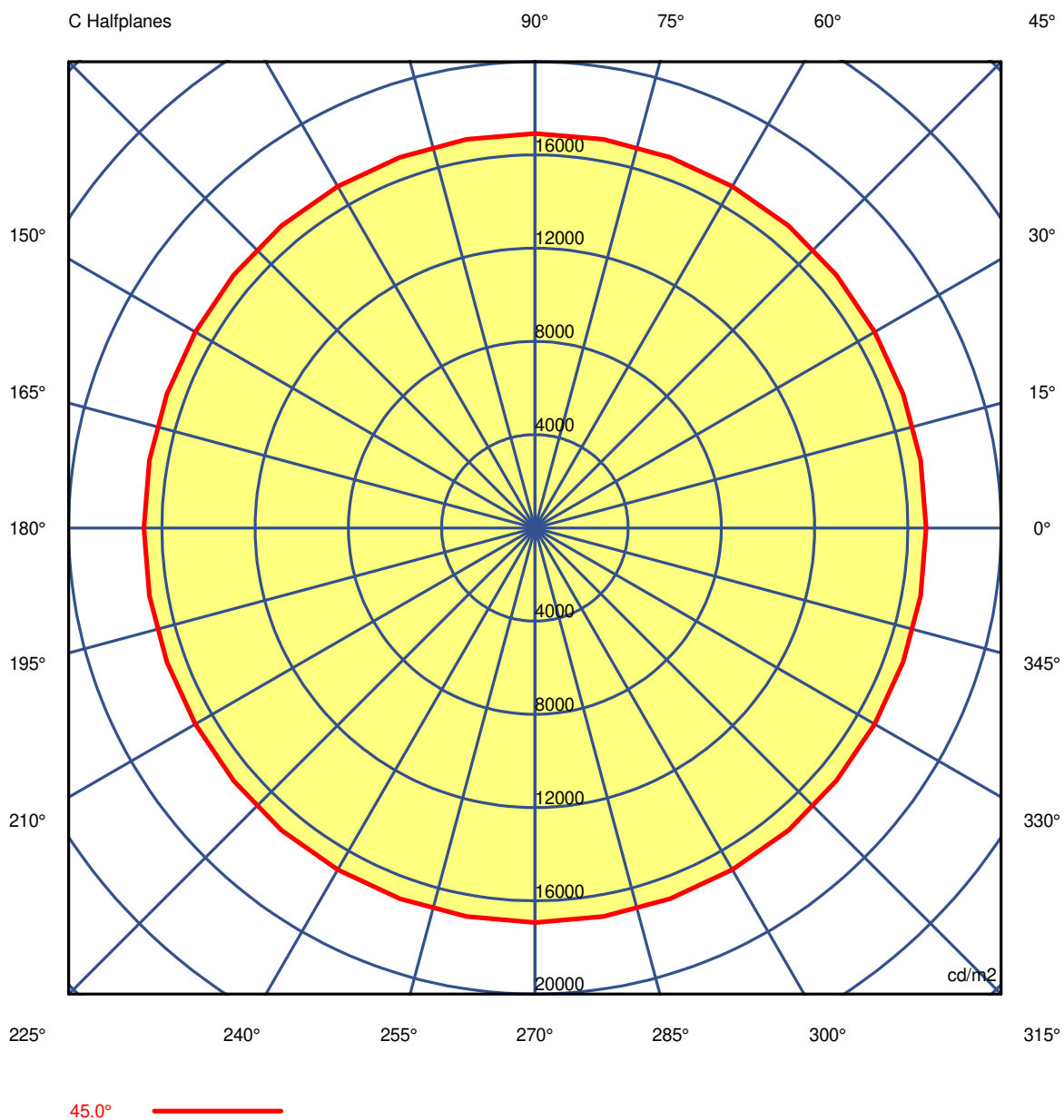
Code 90014L00M
Name DYNA D236 EFFICIENT 830 80° MO

Measurem.

Code 21/3/2023
Name DYNA D236 EFFICIENT 830 80° MO

Luminaire Flux	2109 lm	Luminaire Power	16.9 W	Efficacy	124.807 lm/W	Efficiency	99.07%
Source Flux	2129 lm	Maximum value	614.90 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90014L00M

Name DYNA D236 EFFICIENT 830 80° MO

Measur.

Code 21/3/2023

Name DYNA D236 EFFICIENT 830 80° MO

Luminaire Flux	2109 lm		Luminaire Power		16.9 W		Efficacy		124.807 lm/W		Efficiency		99.07%	
Source Flux	2129 lm		Maximum value		614.90 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	47666	47666	47666	47666	47666	47666	47666	47666	47666	47666	47666	47666	47666	
G 5.0	44289	44313	44298	44282	44334	44354	44333	44357	44370	44348	44370	44357	44333	
G 10.0	40792	40778	40785	40819	40864	40891	40902	40926	40939	40944	40939	40926	40902	
G 15.0	37085	37111	37138	37171	37217	37272	37330	37380	37399	37403	37399	37380	37330	
G 20.0	33318	33360	33388	33427	33519	33608	33671	33732	33756	33760	33756	33732	33671	
G 25.0	29717	29767	29818	29886	29987	30076	30142	30211	30240	30248	30240	30211	30142	
G 30.0	26343	26374	26431	26515	26609	26701	26779	26837	26853	26853	26853	26837	26779	
G 35.0	23185	23197	23247	23331	23411	23481	23539	23576	23594	23600	23594	23576	23539	
G 40.0	20199	20209	20248	20315	20384	20433	20467	20504	20518	20503	20518	20504	20467	
G 45.0	16776	16799	16812	16832	16881	16920	16930	16930	16930	16930	16930	16930	16930	
G 50.0	11120	11131	11148	11176	11215	11263	11300	11300	11289	11281	11289	11300	11300	
G 55.0	5564	5614	5534	5456	5637	5795	5811	5828	5837	5824	5837	5828	5811	
G 60.0	1794	1776	1799	1833	1818	1844	1899	1875	1848	1840	1848	1875	1899	
G 65.0	817	824	820	810	810	810	810	802	792	783	792	802	810	
G 70.0	615	615	614	608	598	591	586	576	572	572	572	576	586	
G 75.0	440	440	436	425	420	413	402	396	392	387	392	396	402	
G 80.0	277	277	277	277	266	257	253	247	244	244	244	247	253	
G 85.0	142	150	149	142	142	142	142	136	130	124	130	136	142	
G 90.0	59	104	118	118	118	118	118	105	93	88	93	105	118	

Luminaire

Code 90014L00M

Name DYNA D236 EFFICIENT 830 80° MO

Measurem.

Code 21/3/2023

Name DYNA D236 EFFICIENT 830 80° MO

Luminaire Flux	2109 lm		Luminaire Power		16.9 W		Efficacy		124.807 lm/W		Efficiency		99.07%	
Source Flux	2129 lm		Maximum value		614.90 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	47666	47666	47666	47666	47666	47666	47666	47666	47666	47666	47666	47666	47666	
G 5.0	44354	44334	44282	44298	44313	44289	44313	44298	44282	44334	44354	44333	44357	
G 10.0	40891	40864	40819	40785	40778	40792	40778	40785	40819	40864	40891	40902	40926	
G 15.0	37272	37217	37171	37138	37111	37085	37111	37138	37171	37217	37272	37330	37380	
G 20.0	33608	33519	33427	33388	33360	33318	33360	33388	33427	33519	33608	33671	33732	
G 25.0	30076	29987	29886	29818	29767	29717	29767	29818	29886	29987	30076	30142	30211	
G 30.0	26701	26609	26515	26431	26374	26343	26374	26431	26515	26609	26701	26779	26837	
G 35.0	23481	23411	23331	23247	23197	23185	23197	23247	23331	23411	23481	23539	23576	
G 40.0	20433	20384	20315	20248	20209	20199	20209	20248	20315	20384	20433	20467	20504	
G 45.0	16920	16881	16832	16812	16799	16776	16799	16812	16832	16881	16920	16930	16930	
G 50.0	11263	11215	11176	11148	11131	11120	11131	11148	11176	11215	11263	11300	11300	
G 55.0	5795	5637	5456	5534	5614	5564	5614	5534	5456	5637	5795	5811	5828	
G 60.0	1844	1818	1833	1799	1776	1794	1776	1799	1833	1818	1844	1899	1875	
G 65.0	810	810	810	820	824	817	824	820	810	810	810	810	802	
G 70.0	591	598	608	614	615	615	615	614	608	598	591	586	576	
G 75.0	413	420	425	436	440	440	440	436	425	420	413	402	396	
G 80.0	257	266	277	277	277	277	277	277	277	266	257	253	247	
G 85.0	142	142	142	149	150	142	150	149	142	142	142	142	136	
G 90.0	118	118	118	118	104	59	104	118	118	118	118	118	105	

Luminaire

Code 90014L00M
Name DYNA D236 EFFICIENT 830 80° MO

Measurem.

Code 21/3/2023
Name DYNA D236 EFFICIENT 830 80° MO

Luminaire Flux	2109 lm	Luminaire Power	16.9 W	Efficacy	124.807 lm/W	Efficiency	99.07%
Source Flux	2129 lm	Maximum value	614.90 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	47666	47666	47666	47666	47666	47666	47666	47666	47666	47666
G 5.0	44370	44348	44370	44357	44333	44354	44334	44282	44298	44313
G 10.0	40939	40944	40939	40926	40902	40891	40864	40819	40785	40778
G 15.0	37399	37403	37399	37380	37330	37272	37217	37171	37138	37111
G 20.0	33756	33760	33756	33732	33671	33608	33519	33427	33388	33360
G 25.0	30240	30248	30240	30211	30142	30076	29987	29886	29818	29767
G 30.0	26853	26853	26853	26837	26779	26701	26609	26515	26431	26374
G 35.0	23594	23600	23594	23576	23539	23481	23411	23331	23247	23197
G 40.0	20518	20503	20518	20504	20467	20433	20384	20315	20248	20209
G 45.0	16930	16930	16930	16930	16930	16920	16881	16832	16812	16799
G 50.0	11289	11281	11289	11300	11300	11263	11215	11176	11148	11131
G 55.0	5837	5824	5837	5828	5811	5795	5637	5456	5534	5614
G 60.0	1848	1840	1848	1875	1899	1844	1818	1833	1799	1776
G 65.0	792	783	792	802	810	810	810	810	820	824
G 70.0	572	572	572	576	586	591	598	608	614	615
G 75.0	392	387	392	396	402	413	420	425	436	440
G 80.0	244	244	244	247	253	257	266	277	277	277
G 85.0	130	124	130	136	142	142	142	142	149	150
G 90.0	93	88	93	105	118	118	118	118	118	104