

**Luminaire**

Code 90123L00M  
Name DYNA D236 CONTROL 830 80° MO

**Measurem.**

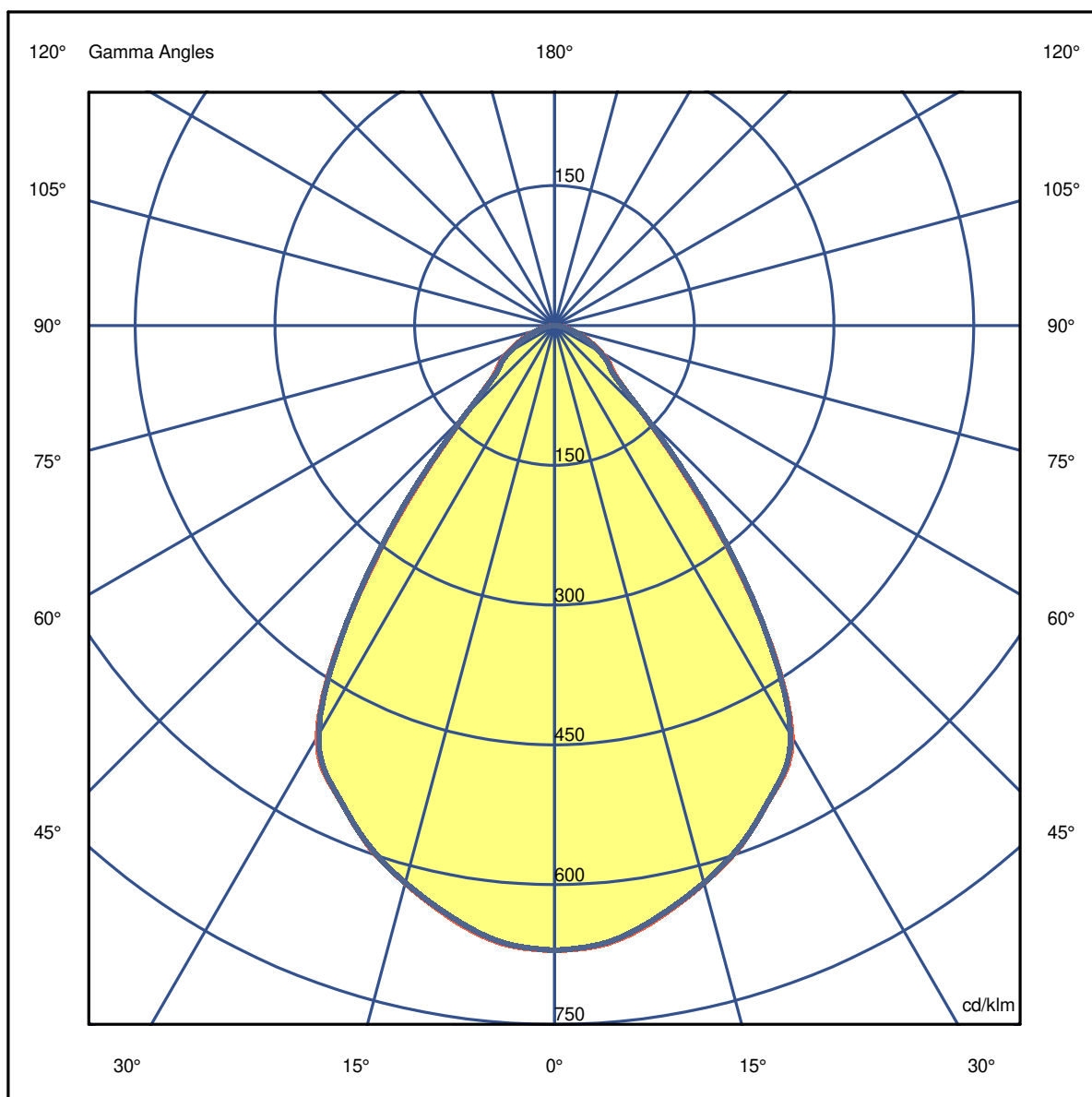
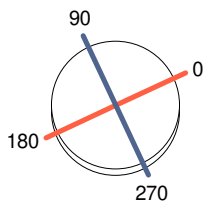
Code 21/3/2023  
Name DYNA D236 CONTROL 830 80° MO

Luminaire Flux	2068 lm	Luminaire Power	16.9 W	Efficacy	122.387 lm/W	Efficiency	97.15%
Source Flux	2129 lm	Maximum value	670.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=236mm

C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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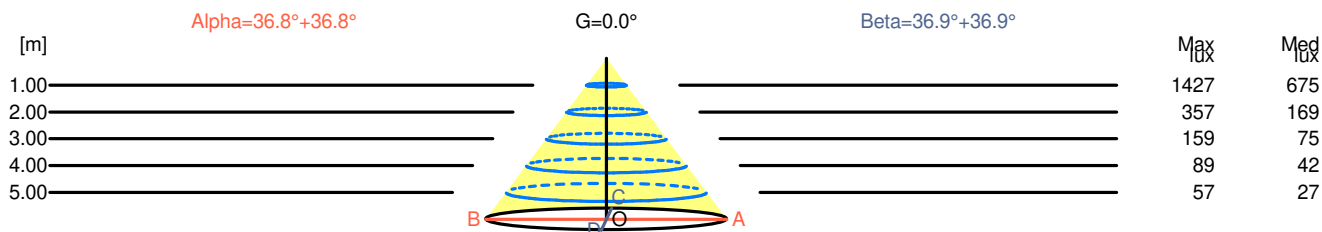
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Width at 50.00 % of Max Intensity

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	0.75	1.50	2.25	3.00	3.75	OC	0.75	1.50	2.25	3.00	3.76
OB	0.75	1.50	2.25	3.00	3.75	OD	0.75	1.50	2.25	3.00	3.76

	0	5	15	25	35	45	55	65	75	85
OA	1427.07	1416.00	1318.70	1180.32	827.12	286.78	153.71	89.84	39.39	6.60
OB	1427.07	1416.00	1318.70	1180.32	827.12	286.78	153.71	89.84	39.39	6.60
OC	1427.07	1413.23	1317.85	1179.47	826.48	292.10	148.82	84.95	36.19	6.17
OD	1427.07	1413.23	1317.85	1179.47	826.48	292.10	148.82	84.95	36.19	6.17



H[m]	D[m]	Max lux	Med lux	Alpha=36.8°+36.8°	G=0.0
1.00	1.50	1427	675		
2.00	3.00	357	169		
3.00	4.49	159	75		
4.00	5.99	89	42		
5.00	7.49	57	27		

H[m]	D[m]	Max lux	Med lux	Beta=36.9°+36.9°	G=0.0
1.00	1.50	1427	675		
2.00	3.00	357	169		
3.00	4.51	159	75		
4.00	6.01	89	42		
5.00	7.51	57	27		

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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	16.7	17.6	17.0	17.8	18.0	16.6	17.6	16.9	17.8	18.0
x=2H y=3H	17.0	17.8	17.3	18.1	18.3	16.9	17.8	17.2	18.0	18.2
x=2H y=4H	17.1	17.9	17.4	18.1	18.4	17.0	17.8	17.3	18.0	18.3
x=2H y=6H	17.1	17.8	17.4	18.1	18.4	17.0	17.7	17.3	18.0	18.3
x=2H y=8H	17.1	17.8	17.4	18.1	18.4	17.0	17.7	17.3	18.0	18.3
x=2H y=12H	17.1	17.7	17.4	18.0	18.4	16.9	17.6	17.3	17.9	18.2
x=4H y=2H	16.8	17.6	17.1	17.8	18.1	16.7	17.5	17.0	17.8	18.0
x=4H y=3H	17.2	17.9	17.6	18.2	18.5	17.1	17.8	17.5	18.1	18.4
x=4H y=4H	17.4	17.9	17.7	18.3	18.6	17.2	17.8	17.6	18.1	18.5
x=4H y=6H	17.4	17.9	17.8	18.3	18.7	17.3	17.8	17.7	18.1	18.5
x=4H y=8H	17.4	17.8	17.8	18.2	18.6	17.3	17.7	17.7	18.1	18.5
x=4H y=12H	17.4	17.8	17.8	18.2	18.6	17.3	17.6	17.7	18.0	18.5
x=8H y=4H	17.4	17.8	17.8	18.2	18.6	17.3	17.7	17.7	18.1	18.5
x=8H y=6H	17.4	17.8	17.9	18.2	18.6	17.3	17.7	17.8	18.1	18.5
x=8H y=8H	17.4	17.7	17.9	18.2	18.6	17.3	17.6	17.8	18.0	18.5
x=8H y=12H	17.4	17.7	17.9	18.1	18.6	17.3	17.5	17.8	18.0	18.5
x=12H y=4H	17.3	17.7	17.8	18.1	18.5	17.2	17.6	17.7	18.0	18.4
x=12H y=6H	17.4	17.7	17.9	18.1	18.6	17.3	17.6	17.7	18.0	18.5
x=12H y=8H	17.4	17.7	17.9	18.1	18.6	17.3	17.5	17.8	18.0	18.5

**Luminaire**

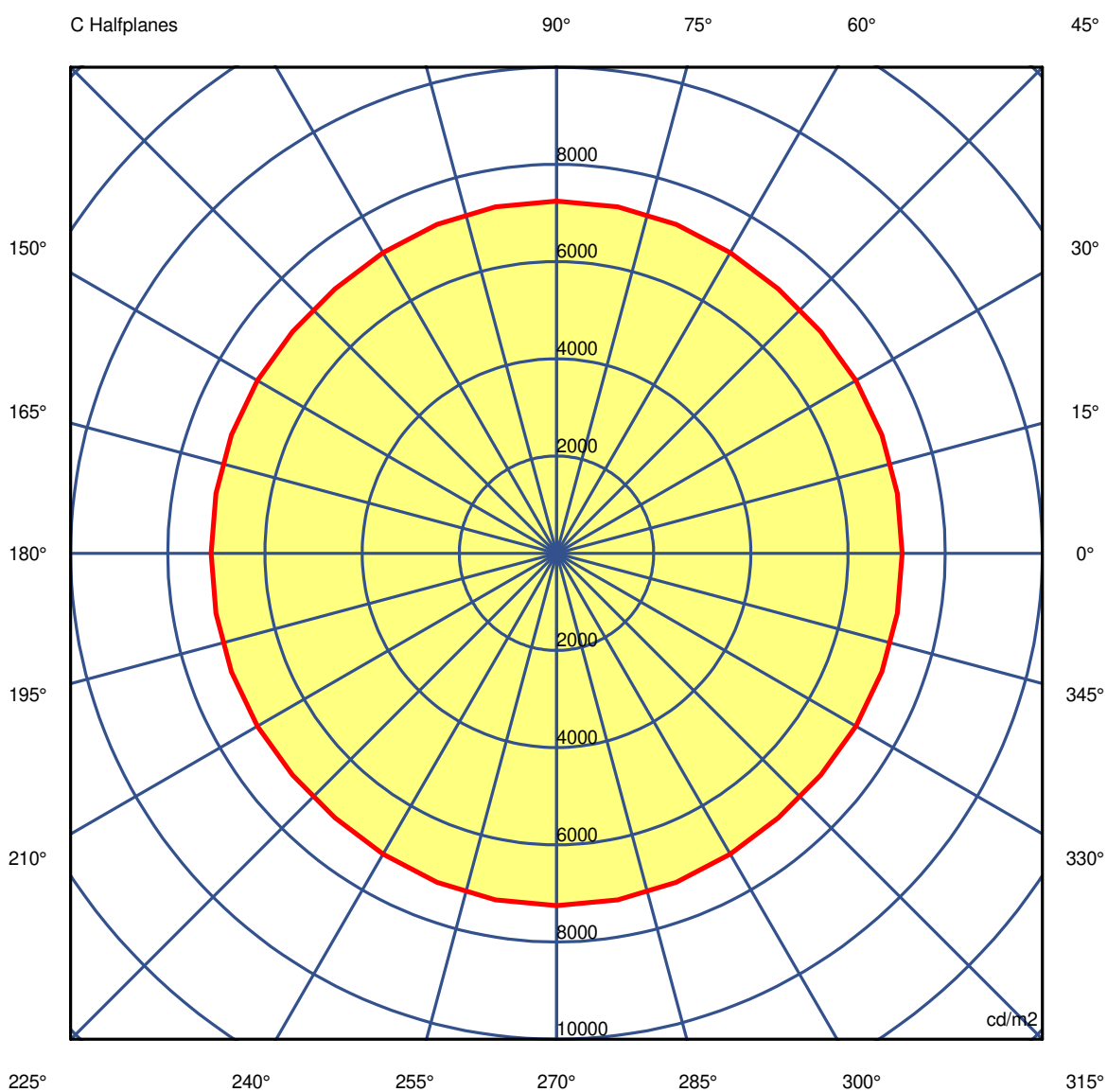
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Source Flux	2129 lm	Maximum value	670.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

**Luminaire**

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Luminaire Flux	2068 lm		Luminaire Power		16.9 W		Efficacy		122.387 lm/W		Efficiency		97.15%	
Source Flux	2129 lm		Maximum value		670.30 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	51960	51960	51960	51960	51960	51960	51960	51960	51960	51960	51960	51960	51960	
G 5.0	47302	47232	47212	47217	47241	47198	47131	47161	47195	47210	47195	47161	47131	
G 10.0	42675	42566	42571	42636	42602	42576	42576	42572	42572	42589	42572	42572	42576	
G 15.0	38586	38517	38497	38524	38546	38524	38486	38505	38539	38561	38539	38505	38486	
G 20.0	35017	34961	34963	34994	34966	34919	34905	34938	34972	34988	34972	34938	34905	
G 25.0	31578	31537	31515	31504	31504	31492	31475	31510	31546	31555	31546	31510	31475	
G 30.0	28121	28076	27987	27917	27961	27910	27795	27861	27951	27972	27951	27861	27795	
G 35.0	20969	20894	20833	20802	20802	20794	20786	20829	20893	20953	20893	20829	20786	
G 40.0	13062	13074	13110	13158	13180	13188	13211	13272	13321	13339	13321	13272	13211	
G 45.0	7114	7118	7120	7114	7095	7101	7146	7203	7238	7246	7238	7203	7146	
G 50.0	4566	4540	4519	4492	4445	4430	4434	4437	4445	4465	4445	4437	4434	
G 55.0	3847	3836	3809	3757	3725	3703	3693	3705	3720	3725	3720	3705	3693	
G 60.0	3119	3103	3078	3048	3024	2994	2967	2964	2971	2978	2971	2964	2967	
G 65.0	2341	2334	2324	2307	2282	2255	2235	2227	2221	2213	2221	2227	2235	
G 70.0	1673	1665	1659	1650	1632	1612	1593	1572	1564	1564	1564	1572	1593	
G 75.0	1105	1105	1102	1093	1083	1065	1045	1036	1028	1015	1028	1036	1045	
G 80.0	610	615	616	610	597	586	578	574	569	559	569	574	578	
G 85.0	207	207	210	214	205	201	201	201	199	194	199	201	201	
G 90.0	43	52	64	72	68	65	65	60	58	58	58	60	65	

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Source Flux	2129 lm		Maximum value		670.30 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	51960	51960	51960	51960	51960	51960	51960	51960	51960	51960	51960	51960	51960	
G 5.0	47198	47241	47217	47212	47232	47302	47232	47212	47217	47241	47198	47131	47161	
G 10.0	42576	42602	42636	42571	42566	42675	42566	42571	42636	42602	42576	42576	42572	
G 15.0	38524	38546	38524	38497	38517	38586	38517	38497	38524	38546	38524	38486	38505	
G 20.0	34919	34966	34994	34963	34961	35017	34961	34963	34994	34966	34919	34905	34938	
G 25.0	31492	31504	31504	31515	31537	31578	31537	31515	31504	31504	31492	31475	31510	
G 30.0	27910	27961	27917	27987	28076	28121	28076	27987	27917	27961	27910	27795	27861	
G 35.0	20794	20802	20802	20833	20894	20969	20894	20833	20802	20802	20794	20786	20829	
G 40.0	13188	13180	13158	13110	13074	13062	13074	13110	13158	13180	13188	13211	13272	
G 45.0	7101	7095	7114	7120	7118	7114	7118	7120	7114	7095	7101	7146	7203	
G 50.0	4430	4445	4492	4519	4540	4566	4540	4519	4492	4445	4430	4434	4437	
G 55.0	3703	3725	3757	3809	3836	3847	3836	3809	3757	3725	3703	3693	3705	
G 60.0	2994	3024	3048	3078	3103	3119	3103	3078	3048	3024	2994	2967	2964	
G 65.0	2255	2282	2307	2324	2334	2341	2334	2324	2307	2282	2255	2235	2227	
G 70.0	1612	1632	1650	1659	1665	1673	1665	1659	1650	1632	1612	1593	1572	
G 75.0	1065	1083	1093	1102	1105	1105	1105	1102	1093	1083	1065	1045	1036	
G 80.0	586	597	610	616	615	610	615	610	597	586	586	578	574	
G 85.0	201	205	214	210	207	207	207	210	214	205	201	201	201	
G 90.0	65	68	72	64	52	43	52	64	72	68	65	65	60	

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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	51960	51960	51960	51960	51960	51960	51960	51960	51960	51960
G 5.0	47195	47210	47195	47161	47131	47198	47241	47217	47212	47232
G 10.0	42572	42589	42572	42572	42576	42576	42602	42636	42571	42566
G 15.0	38539	38561	38539	38505	38486	38524	38546	38524	38497	38517
G 20.0	34972	34988	34972	34938	34905	34919	34966	34994	34963	34961
G 25.0	31546	31555	31546	31510	31475	31492	31504	31504	31515	31537
G 30.0	27951	27972	27951	27861	27795	27910	27961	27917	27987	28076
G 35.0	20893	20953	20893	20829	20786	20794	20802	20802	20833	20894
G 40.0	13321	13339	13321	13272	13211	13188	13180	13158	13110	13074
G 45.0	7238	7246	7238	7203	7146	7101	7095	7114	7120	7118
G 50.0	4445	4465	4445	4437	4434	4430	4445	4492	4519	4540
G 55.0	3720	3725	3720	3705	3693	3703	3725	3757	3809	3836
G 60.0	2971	2978	2971	2964	2967	2994	3024	3048	3078	3103
G 65.0	2221	2213	2221	2227	2235	2255	2282	2307	2324	2334
G 70.0	1564	1564	1564	1572	1593	1612	1632	1650	1659	1665
G 75.0	1028	1015	1028	1036	1045	1065	1083	1093	1102	1105
G 80.0	569	559	569	574	578	586	597	610	616	615
G 85.0	199	194	199	201	201	201	205	214	210	207
G 90.0	58	58	58	60	65	65	68	72	64	52