

Luminaire

Code 90014L00L
Name DYNA D236 EFFICIENT 830 80° LO

Measurem.

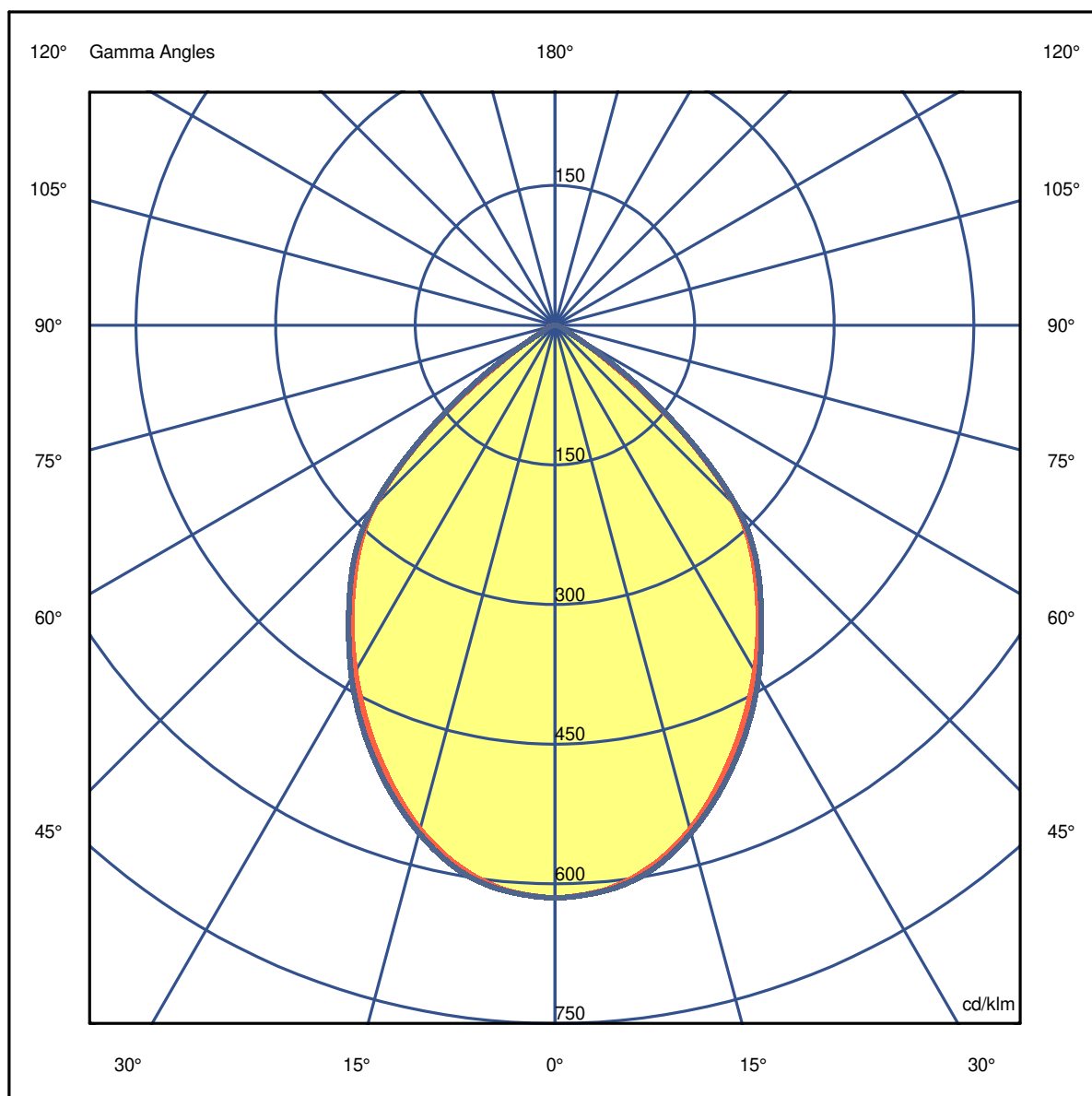
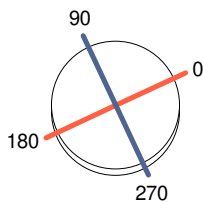
Code 21/3/2023
Name DYNA D236 EFFICIENT 830 80° LO

Luminaire Flux	1088 lm	Luminaire Power	8.1 W	Efficacy	134.367 lm/W	Efficiency	99.12%
Source Flux	1098 lm	Maximum value	615.40 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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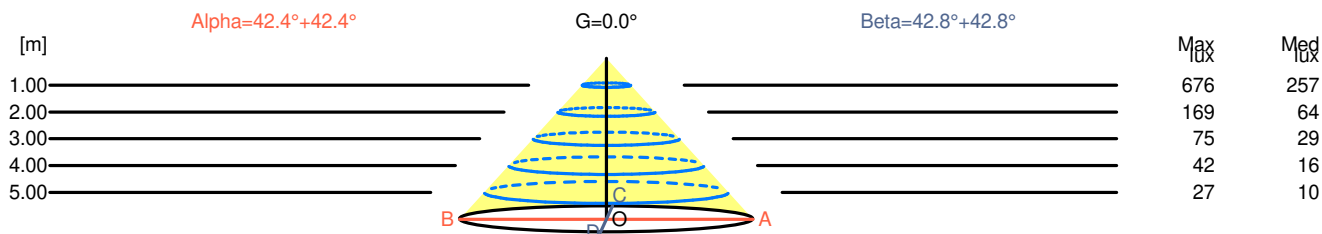
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Width at 50.00 % of Max Intensity

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	0.91	1.82	2.74	3.65	4.56	OC	0.93	1.85	2.78	3.70	4.63
OB	0.91	1.82	2.74	3.65	4.56	OD	0.93	1.85	2.78	3.70	4.63

	0	5	15	25	35	45	55	65	75	85
OA	675.71	668.68	615.21	522.10	417.90	300.85	91.46	13.07	6.37	1.32
OB	675.71	668.68	615.21	522.10	417.90	300.85	91.46	13.07	6.37	1.32
OC	675.71	669.67	619.93	531.54	424.60	303.93	99.81	12.41	5.71	1.32
OD	675.71	669.67	619.93	531.54	424.60	303.93	99.81	12.41	5.71	1.32



H[m]	D[m]	Max lux	Med lux	Alpha=42.4°+42.4°	G=0.0	
1.00	1.82	676	257			
2.00	3.65	169	64			
3.00	5.47	75	29			
4.00	7.30	42	16			
5.00	9.12	27	10			

H[m]	D[m]	Max lux	Med lux	Beta=42.8°+42.8°	G=0.0	
1.00	1.85	676	257			
2.00	3.70	169	64			
3.00	5.55	75	29			
4.00	7.40	42	16			
5.00	9.25	27	10			

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Source Flux	1098 lm	Maximum value	615.40 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	16.7	17.7	17.0	17.9	18.1	16.8	17.8	17.1	18.0	18.2
x=2H y=3H	16.6	17.4	16.9	17.7	17.9	16.7	17.5	17.0	17.8	18.0
x=2H y=4H	16.5	17.3	16.8	17.6	17.9	16.6	17.4	16.9	17.7	17.9
x=2H y=6H	16.4	17.2	16.8	17.5	17.8	16.5	17.3	16.9	17.6	17.9
x=2H y=8H	16.4	17.1	16.8	17.4	17.7	16.5	17.2	16.8	17.5	17.8
x=2H y=12H	16.4	17.1	16.7	17.4	17.7	16.5	17.1	16.8	17.4	17.8
x=4H y=2H	16.6	17.4	16.9	17.6	17.9	16.6	17.5	17.0	17.7	18.0
x=4H y=3H	16.4	17.1	16.8	17.4	17.8	16.5	17.2	16.9	17.5	17.8
x=4H y=4H	16.4	17.0	16.8	17.3	17.7	16.5	17.1	16.9	17.4	17.8
x=4H y=6H	16.3	16.8	16.7	17.2	17.6	16.4	16.9	16.8	17.3	17.7
x=4H y=8H	16.3	16.8	16.7	17.1	17.5	16.4	16.8	16.8	17.2	17.6
x=4H y=12H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.8	17.2	17.6
x=8H y=4H	16.3	16.8	16.7	17.1	17.5	16.4	16.8	16.8	17.2	17.6
x=8H y=6H	16.2	16.6	16.7	17.0	17.5	16.3	16.7	16.8	17.1	17.6
x=8H y=8H	16.2	16.5	16.7	16.9	17.4	16.3	16.6	16.7	17.0	17.5
x=8H y=12H	16.1	16.4	16.6	16.9	17.4	16.2	16.5	16.7	17.0	17.5
x=12H y=4H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.8	17.2	17.6
x=12H y=6H	16.2	16.5	16.7	16.9	17.4	16.3	16.6	16.7	17.0	17.5
x=12H y=8H	16.1	16.4	16.6	16.9	17.4	16.2	16.5	16.7	17.0	17.5

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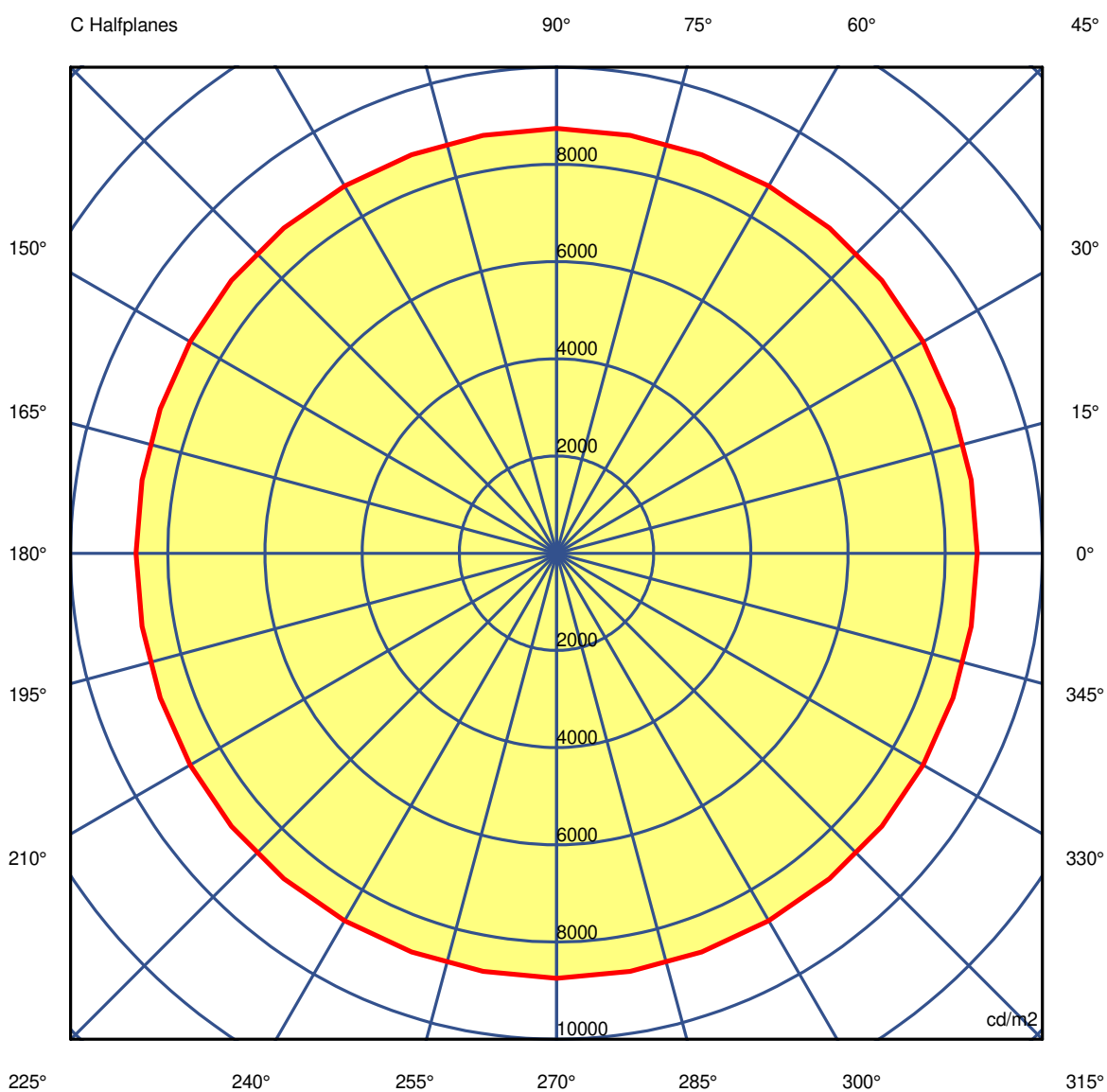
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Luminaire Flux	1088 lm	Luminaire Power	8.1 W	Efficacy	134.367 lm/W	Efficiency	99.12%
Source Flux	1098 lm	Maximum value	615.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	1088 lm		Luminaire Power		8.1 W		Efficacy		134.367 lm/W		Efficiency		99.12%	
Source Flux	1098 lm		Maximum value		615.40 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	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603	
G 5.0	22860	22863	22870	22883	22889	22914	22920	22844	22820	22894	22820	22844	22920	
G 10.0	21045	21054	21065	21077	21086	21119	21138	21083	21082	21177	21082	21083	21138	
G 15.0	19140	19150	19155	19170	19218	19258	19266	19257	19262	19287	19262	19257	19266	
G 20.0	17180	17193	17217	17253	17294	17356	17402	17375	17366	17411	17366	17375	17402	
G 25.0	15329	15352	15379	15420	15477	15533	15568	15578	15587	15607	15587	15578	15568	
G 30.0	13599	13614	13645	13691	13742	13800	13843	13841	13840	13862	13840	13841	13843	
G 35.0	11961	11969	11997	12039	12071	12123	12171	12156	12139	12152	12139	12156	12171	
G 40.0	10408	10426	10449	10480	10517	10556	10577	10563	10567	10609	10567	10563	10577	
G 45.0	8655	8667	8684	8709	8734	8740	8731	8729	8735	8744	8735	8729	8731	
G 50.0	5719	5723	5743	5780	5785	5813	5853	5836	5820	5818	5820	5836	5853	
G 55.0	2728	2851	2922	2941	2955	2986	3017	3005	2986	2977	2986	3005	3017	
G 60.0	932	921	930	945	936	946	972	968	952	942	952	968	972	
G 65.0	418	418	418	418	414	417	421	410	400	397	400	410	421	
G 70.0	317	317	317	317	309	306	306	297	288	284	288	297	306	
G 75.0	227	227	223	215	215	214	211	206	203	203	203	206	211	
G 80.0	143	143	140	134	134	133	130	123	123	130	123	123	130	
G 85.0	55	72	80	78	71	69	69	66	61	55	61	66	69	
G 90.0	30	54	61	61	61	61	61	58	53	46	53	58	61	

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Source Flux		1098 lm		Maximum value		615.40 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	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603
G 5.0	22914	22889	22883	22870	22863	22860	22863	22870	22883	22889	22914	22920	22914	22889	22844
G 10.0	21119	21086	21077	21065	21054	21045	21054	21065	21077	21086	21119	21138	21138	21119	21083
G 15.0	19258	19218	19170	19155	19150	19140	19150	19155	19170	19218	19258	19266	19266	19258	19257
G 20.0	17356	17294	17253	17217	17193	17180	17193	17217	17253	17294	17356	17402	17402	17356	17375
G 25.0	15533	15477	15420	15379	15352	15329	15352	15379	15420	15477	15533	15568	15568	15533	15578
G 30.0	13800	13742	13691	13645	13614	13599	13614	13645	13691	13742	13800	13843	13843	13800	13841
G 35.0	12123	12071	12039	11997	11969	11961	11969	11997	12039	12071	12123	12171	12171	12123	12156
G 40.0	10556	10517	10480	10449	10426	10408	10426	10449	10480	10517	10556	10577	10577	10556	10563
G 45.0	8740	8734	8709	8684	8667	8655	8667	8684	8709	8734	8740	8731	8731	8740	8729
G 50.0	5813	5785	5780	5743	5723	5719	5723	5743	5780	5785	5813	5853	5853	5813	5836
G 55.0	2986	2955	2941	2922	2851	2728	2851	2922	2941	2955	2986	3017	3017	2986	3005
G 60.0	946	936	945	930	921	932	921	930	945	936	946	972	972	946	968
G 65.0	417	414	418	418	418	418	418	418	418	414	417	421	421	417	410
G 70.0	306	309	317	317	317	317	317	317	317	309	306	306	306	309	297
G 75.0	214	215	215	223	227	227	227	223	215	215	214	211	211	215	206
G 80.0	133	134	134	140	143	143	143	140	134	134	133	130	130	134	123
G 85.0	69	71	78	80	72	55	72	80	78	71	69	69	69	71	66
G 90.0	61	61	61	61	54	30	54	61	61	61	61	61	61	61	58

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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	24603	24603	24603	24603	24603	24603	24603	24603	24603	24603
G 5.0	22820	22894	22820	22844	22920	22914	22889	22883	22870	22863
G 10.0	21082	21177	21082	21083	21138	21119	21086	21077	21065	21054
G 15.0	19262	19287	19262	19257	19266	19258	19218	19170	19155	19150
G 20.0	17366	17411	17366	17375	17402	17356	17294	17253	17217	17193
G 25.0	15587	15607	15587	15578	15568	15533	15477	15420	15379	15352
G 30.0	13840	13862	13840	13841	13843	13800	13742	13691	13645	13614
G 35.0	12139	12152	12139	12156	12171	12123	12071	12039	11997	11969
G 40.0	10567	10609	10567	10563	10577	10556	10517	10480	10449	10426
G 45.0	8735	8744	8735	8729	8731	8740	8734	8709	8684	8667
G 50.0	5820	5818	5820	5836	5853	5813	5785	5780	5743	5723
G 55.0	2986	2977	2986	3005	3017	2986	2955	2941	2922	2851
G 60.0	952	942	952	968	972	946	936	945	930	921
G 65.0	400	397	400	410	421	417	414	418	418	418
G 70.0	288	284	288	297	306	306	309	317	317	317
G 75.0	203	203	203	206	211	214	215	215	223	227
G 80.0	123	130	123	123	130	133	134	134	140	143
G 85.0	61	55	61	66	69	69	71	78	80	72
G 90.0	53	46	53	58	61	61	61	61	61	54