

Luminaire

Code 90759L00H
Name DYNA /C D236 PM 830 80° HO

Measurem.

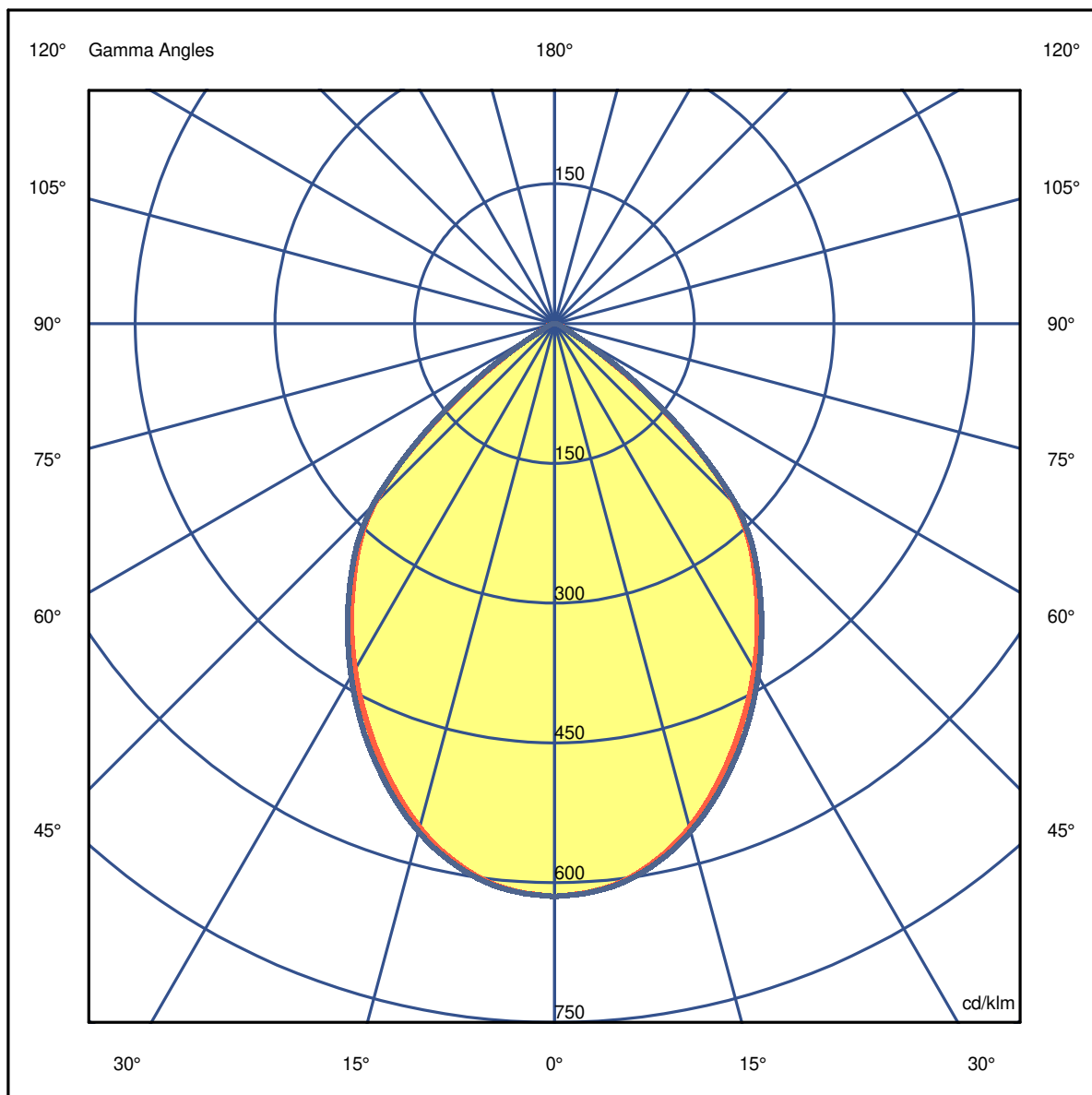
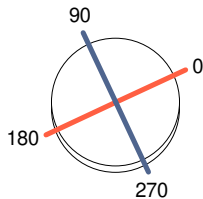
Code 21/3/2023
Name DYNA /C D236 PM 830 80° HO

Luminaire Flux	2856 lm	Luminaire Power	28.2 W	Efficacy	101.389 lm/W	Efficiency	99.03%
Source Flux	2884 lm	Maximum value	614.60 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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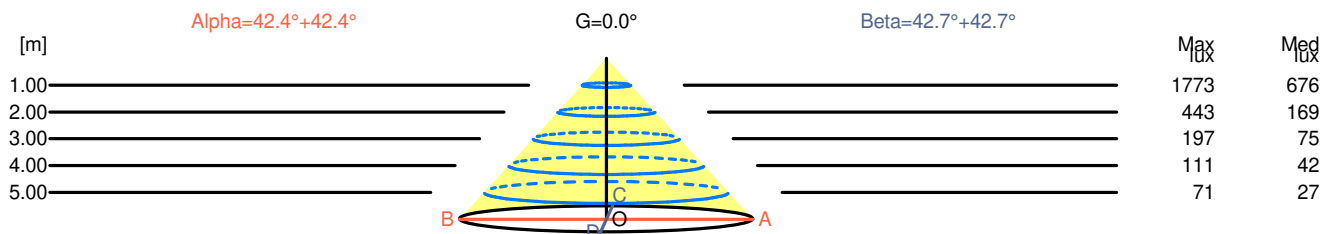
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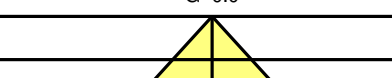
Width at 50.00 % of Max Intensity


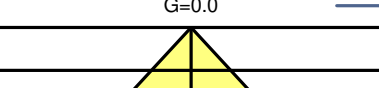
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.91	1.82	2.74	3.65	4.56	OC	0.92	1.85	2.77	3.69	4.62
OB	0.91	1.82	2.74	3.65	4.56	OD	0.92	1.85	2.77	3.69	4.62

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	1772.51	1754.91	1613.89	1369.61	1095.92	789.35	253.22	34.90	17.02	4.61
OB	1772.51	1754.91	1613.89	1369.61	1095.92	789.35	253.22	34.90	17.02	4.61
OC	1772.51	1756.93	1627.73	1395.86	1116.68	796.85	265.33	32.88	15.00	4.33
OD	1772.51	1756.93	1627.73	1395.86	1116.68	796.85	265.33	32.88	15.00	4.33



H[m]	D[m]	Max lux	Med lux	Alpha=42.4°+42.4°	G=0.0	
1.00	1.82	1773	676			
2.00	3.65	443	169			
3.00	5.47	197	75			
4.00	7.30	111	42			
5.00	9.12	71	27			

H[m]	D[m]	Max lux	Med lux	Beta=42.7°+42.7°	G=0.0	
1.00	1.85	1773	676			
2.00	3.69	443	169			
3.00	5.54	197	75			
4.00	7.39	111	42			
5.00	9.23	71	27			

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Source Flux	2884 lm	Maximum value	614.60 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	19.4	20.4	19.7	20.6	20.8	19.5	20.5	19.8	20.7	20.9
x=2H y=3H	19.3	20.2	19.6	20.4	20.7	19.4	20.2	19.7	20.5	20.7
x=2H y=4H	19.2	20.0	19.5	20.3	20.6	19.3	20.1	19.6	20.4	20.6
x=2H y=6H	19.2	19.9	19.5	20.2	20.5	19.2	20.0	19.6	20.3	20.5
x=2H y=8H	19.1	19.8	19.5	20.1	20.4	19.2	19.9	19.5	20.2	20.5
x=2H y=12H	19.1	19.8	19.4	20.1	20.4	19.2	19.8	19.5	20.1	20.5
x=4H y=2H	19.3	20.1	19.6	20.4	20.6	19.3	20.2	19.7	20.4	20.7
x=4H y=3H	19.2	19.8	19.5	20.1	20.5	19.2	19.9	19.6	20.2	20.5
x=4H y=4H	19.1	19.7	19.5	20.0	20.4	19.2	19.8	19.6	20.1	20.4
x=4H y=6H	19.0	19.5	19.4	19.9	20.3	19.1	19.6	19.5	20.0	20.4
x=4H y=8H	19.0	19.5	19.4	19.8	20.3	19.1	19.5	19.5	19.9	20.3
x=4H y=12H	19.0	19.4	19.4	19.8	20.2	19.0	19.4	19.5	19.8	20.3
x=8H y=4H	19.0	19.4	19.4	19.8	20.2	19.1	19.5	19.5	19.9	20.3
x=8H y=6H	18.9	19.3	19.4	19.7	20.2	19.0	19.4	19.4	19.8	20.2
x=8H y=8H	18.9	19.2	19.4	19.6	20.1	18.9	19.3	19.4	19.7	20.2
x=8H y=12H	18.8	19.1	19.3	19.6	20.1	18.9	19.2	19.4	19.6	20.1
x=12H y=4H	19.0	19.4	19.4	19.8	20.2	19.0	19.4	19.5	19.8	20.3
x=12H y=6H	18.9	19.2	19.4	19.6	20.1	18.9	19.3	19.4	19.7	20.2
x=12H y=8H	18.8	19.1	19.3	19.6	20.1	18.9	19.2	19.4	19.6	20.1

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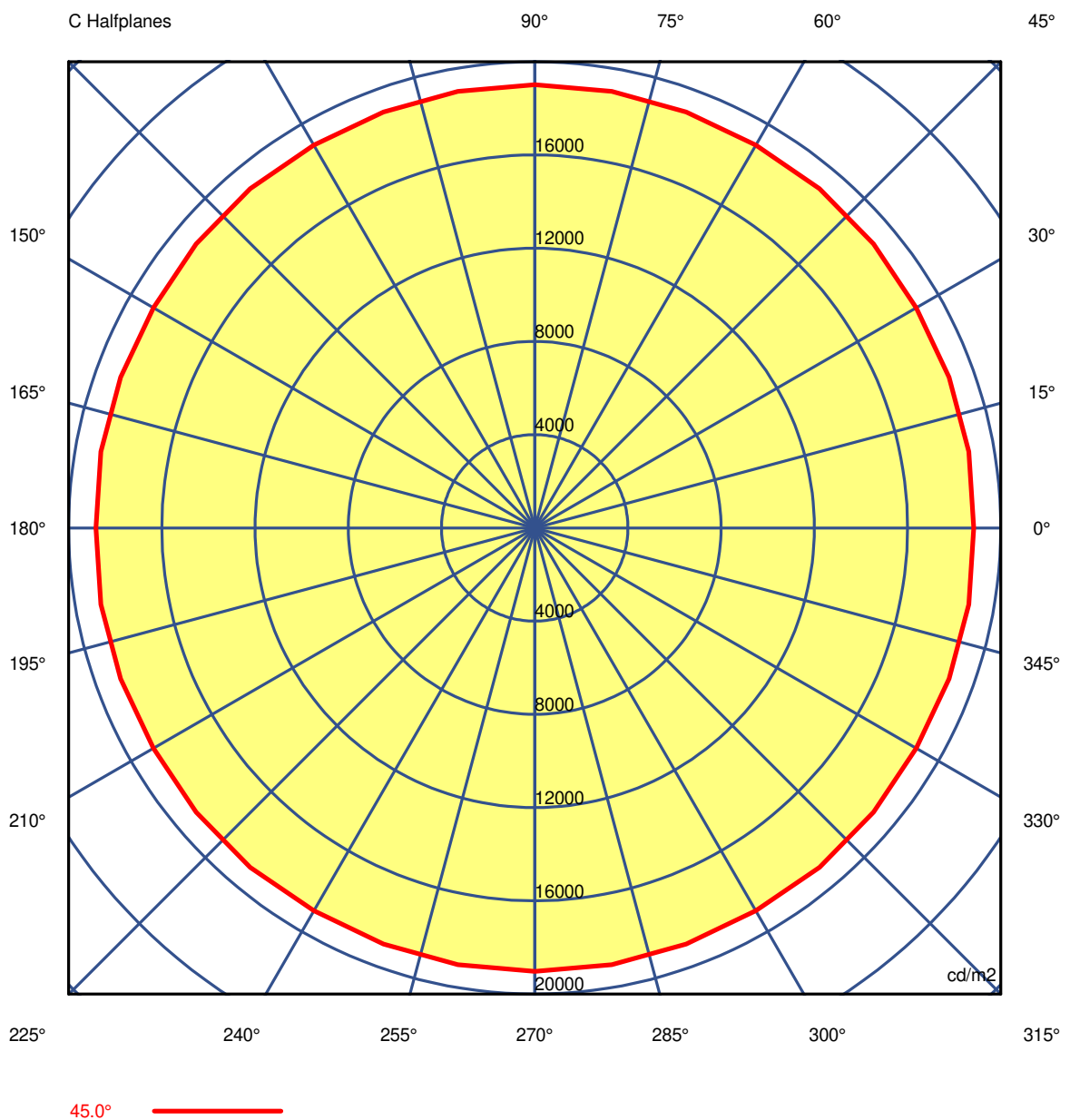
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Source Flux	2884 lm	Maximum value	614.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	2856 lm		Luminaire Power		28.2 W		Efficacy		101.389 lm/W		Efficiency		99.03%	
Source Flux	2884 lm		Maximum value		614.60 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	64538	64538	64538	64538	64538	64538	64538	64538	64538	64538	64538	64538	64538	
G 5.0	58243	58243	58237	58234	58265	58285	58291	58291	58296	58310	58296	58291	58291	
G 10.0	52238	52243	52254	52282	52337	52380	52406	52439	52451	52451	52451	52439	52406	
G 15.0	46434	46450	46470	46517	46607	46679	46724	46789	46821	46832	46821	46789	46724	
G 20.0	40837	40895	40953	41026	41130	41229	41301	41352	41389	41419	41389	41352	41301	
G 25.0	35735	35792	35866	35961	36070	36184	36285	36347	36386	36420	36386	36347	36285	
G 30.0	31151	31166	31225	31333	31456	31568	31653	31708	31738	31755	31738	31708	31653	
G 35.0	26906	26933	26988	27076	27178	27285	27366	27386	27393	27416	27393	27386	27366	
G 40.0	23031	23057	23092	23156	23266	23352	23393	23421	23427	23414	23427	23421	23393	
G 45.0	18839	18910	18910	18894	18974	19001	18963	18995	19018	19018	19018	18995	18963	
G 50.0	12344	12296	12300	12344	12374	12420	12461	12434	12424	12468	12424	12434	12461	
G 55.0	6059	6079	6133	6210	6257	6224	6183	6259	6335	6348	6335	6259	6183	
G 60.0	1929	1919	1932	1950	1950	1976	2027	2001	1964	1957	1964	2001	2027	
G 65.0	863	858	856	856	852	847	842	833	823	813	823	833	842	
G 70.0	639	627	624	624	616	604	595	589	588	588	588	589	595	
G 75.0	450	445	440	435	424	417	412	401	397	397	397	401	412	
G 80.0	280	273	272	272	267	261	256	251	243	232	243	251	256	
G 85.0	135	135	135	135	135	135	135	130	127	127	127	130	135	
G 90.0	64	90	105	109	109	109	109	104	94	82	94	104	109	

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Source Flux	2884 lm		Maximum value		614.60 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	64538	64538	64538	64538	64538	64538	64538	64538	64538	64538	64538	64538	64538	
G 5.0	58285	58265	58234	58237	58243	58243	58243	58237	58234	58265	58285	58291	58291	
G 10.0	52380	52337	52282	52254	52243	52238	52243	52254	52282	52337	52380	52406	52439	
G 15.0	46679	46607	46517	46470	46450	46434	46450	46470	46517	46607	46679	46724	46789	
G 20.0	41229	41130	41026	40953	40895	40837	40895	40953	41026	41130	41229	41301	41352	
G 25.0	36184	36070	35961	35866	35792	35735	35792	35866	35961	36070	36184	36285	36347	
G 30.0	31568	31456	31333	31225	31166	31151	31166	31225	31333	31456	31568	31653	31708	
G 35.0	27285	27178	27076	26988	26933	26906	26933	26988	27076	27178	27285	27366	27386	
G 40.0	23352	23266	23156	23092	23057	23031	23057	23092	23156	23266	23352	23393	23421	
G 45.0	19001	18974	18894	18910	18910	18839	18910	18910	18894	18974	19001	18963	18995	
G 50.0	12420	12374	12344	12300	12296	12344	12296	12300	12344	12374	12420	12461	12434	
G 55.0	6224	6257	6210	6133	6079	6059	6079	6133	6210	6257	6224	6183	6259	
G 60.0	1976	1950	1950	1932	1919	1929	1919	1932	1950	1950	1976	2027	2001	
G 65.0	847	852	856	856	858	863	858	856	856	852	847	842	833	
G 70.0	604	616	624	624	627	639	627	624	624	616	604	595	589	
G 75.0	417	424	435	440	445	450	445	440	435	424	417	412	401	
G 80.0	261	267	272	272	273	280	273	272	272	267	261	256	251	
G 85.0	135	135	135	135	135	135	135	135	135	135	135	135	130	
G 90.0	109	109	109	105	90	64	90	105	109	109	109	109	104	

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Source Flux	2884 lm	Maximum value	614.60 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	64538	64538	64538	64538	64538	64538	64538	64538	64538	64538
G 5.0	58296	58310	58296	58291	58291	58285	58265	58234	58237	58243
G 10.0	52451	52451	52451	52439	52406	52380	52337	52282	52254	52243
G 15.0	46821	46832	46821	46789	46724	46679	46607	46517	46470	46450
G 20.0	41389	41419	41389	41352	41301	41229	41130	41026	40953	40895
G 25.0	36386	36420	36386	36347	36285	36184	36070	35961	35866	35792
G 30.0	31738	31755	31738	31708	31653	31568	31456	31333	31225	31166
G 35.0	27393	27416	27393	27386	27366	27285	27178	27076	26988	26933
G 40.0	23427	23414	23427	23421	23393	23352	23266	23156	23092	23057
G 45.0	19018	19018	19018	18995	18963	19001	18974	18894	18910	18910
G 50.0	12424	12468	12424	12434	12461	12420	12374	12344	12300	12296
G 55.0	6335	6348	6335	6259	6183	6224	6257	6210	6133	6079
G 60.0	1964	1957	1964	2001	2027	1976	1950	1950	1932	1919
G 65.0	823	813	823	833	842	847	852	856	856	858
G 70.0	588	588	588	589	595	604	616	624	624	627
G 75.0	397	397	397	401	412	417	424	435	440	445
G 80.0	243	232	243	251	256	261	267	272	272	273
G 85.0	127	127	127	130	135	135	135	135	135	135
G 90.0	94	82	94	104	109	109	109	109	105	90