

Luminaire

Code 90759L00L
Name DYNA /C D236 PM 830 80° LO

Measurem.

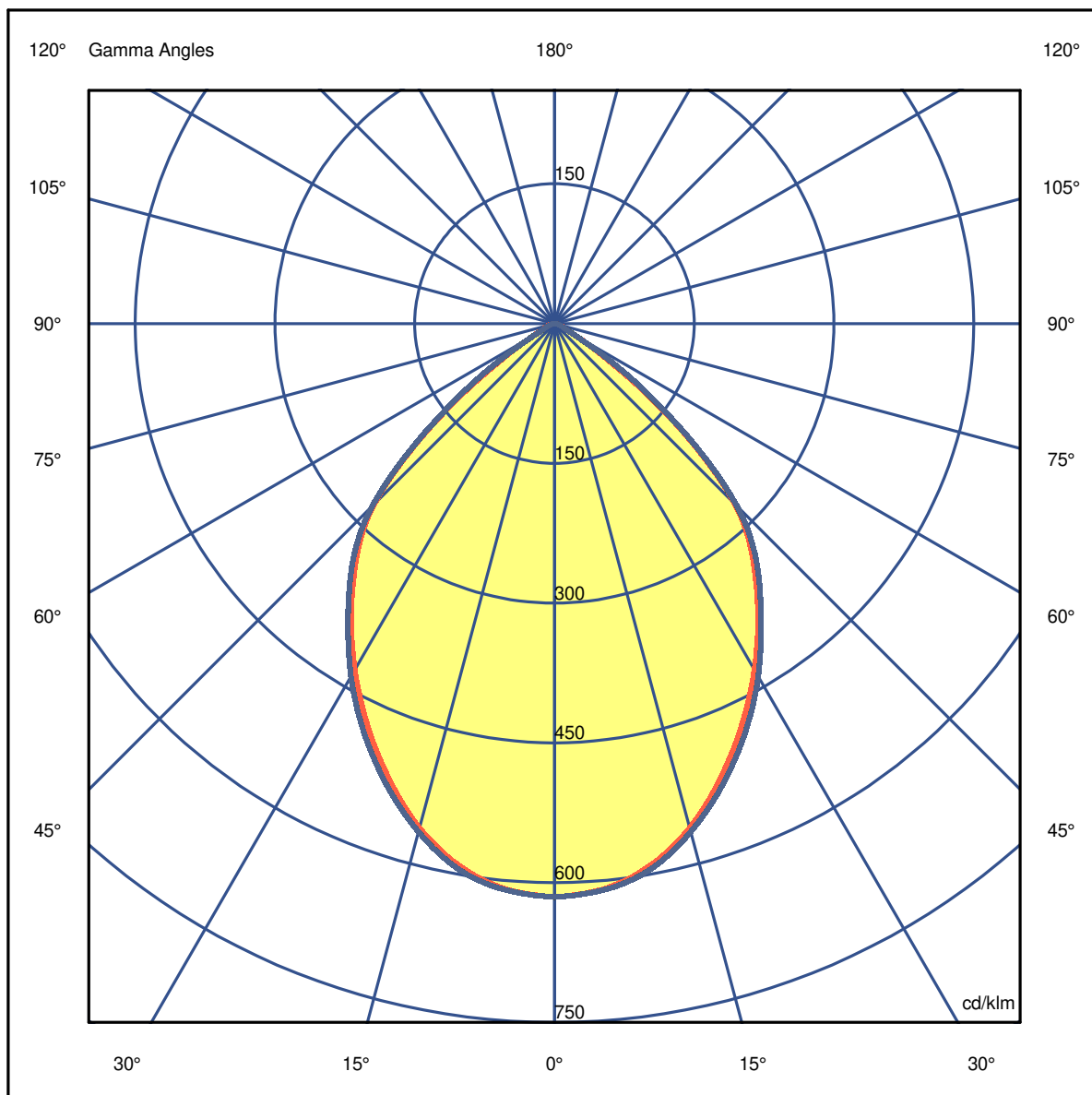
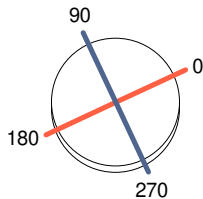
Code 21/3/2023
Name DYNA /C D236 PM 830 80° LO

Luminaire Flux	1088 lm	Luminaire Power	9.3 W	Efficacy	116.653 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



Luminaire

Code 90759L00L
Name DYNA /C D236 PM 830 80° LO

Measurem.

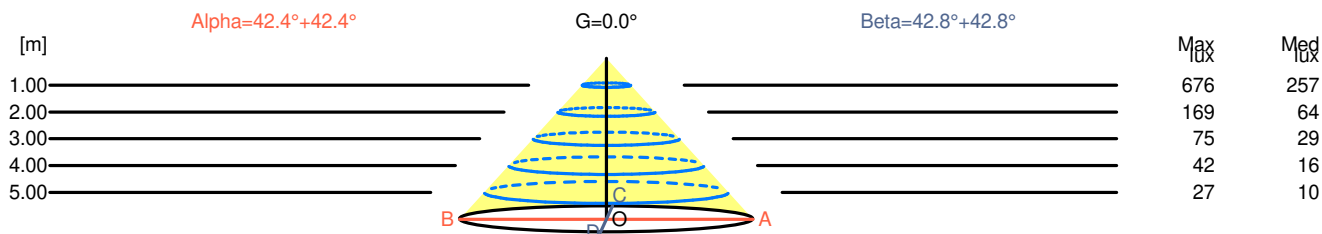
Code 21/3/2023
Name DYNA /C D236 PM 830 80° LO

Luminaire Flux	1088 lm	Luminaire Power	9.3 W	Efficacy	116.653 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

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			

Luminaire

Code 90759L00L
Name DYNA /C D236 PM 830 80° LO

Measurem.

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

Luminaire Flux	1088 lm	Luminaire Power	9.3 W	Efficacy	116.653 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

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	16.1	17.0	16.3	17.2	17.5	16.2	17.1	16.4	17.3	17.5
x=2H y=3H	15.9	16.8	16.2	17.0	17.3	16.0	16.9	16.3	17.1	17.4
x=2H y=4H	15.9	16.7	16.2	16.9	17.2	15.9	16.8	16.3	17.0	17.3
x=2H y=6H	15.8	16.5	16.1	16.8	17.1	15.9	16.6	16.2	16.9	17.2
x=2H y=8H	15.8	16.5	16.1	16.8	17.1	15.8	16.5	16.2	16.8	17.2
x=2H y=12H	15.7	16.4	16.1	16.7	17.0	15.8	16.5	16.2	16.8	17.1
x=4H y=2H	15.9	16.7	16.2	17.0	17.3	16.0	16.8	16.3	17.1	17.3
x=4H y=3H	15.8	16.5	16.2	16.8	17.1	15.9	16.6	16.2	16.9	17.2
x=4H y=4H	15.8	16.3	16.1	16.7	17.0	15.8	16.4	16.2	16.8	17.1
x=4H y=6H	15.7	16.2	16.1	16.5	16.9	15.8	16.3	16.2	16.6	17.0
x=4H y=8H	15.6	16.1	16.1	16.5	16.9	15.7	16.2	16.1	16.6	17.0
x=4H y=12H	15.6	16.0	16.1	16.4	16.9	15.7	16.1	16.1	16.5	16.9
x=8H y=4H	15.6	16.1	16.1	16.5	16.9	15.7	16.2	16.1	16.6	17.0
x=8H y=6H	15.6	15.9	16.0	16.4	16.8	15.6	16.0	16.1	16.4	16.9
x=8H y=8H	15.5	15.9	16.0	16.3	16.8	15.6	15.9	16.1	16.4	16.8
x=8H y=12H	15.5	15.8	16.0	16.2	16.7	15.6	15.8	16.1	16.3	16.8
x=12H y=4H	15.6	16.0	16.1	16.4	16.9	15.7	16.1	16.1	16.5	16.9
x=12H y=6H	15.5	15.9	16.0	16.3	16.8	15.6	15.9	16.1	16.4	16.8
x=12H y=8H	15.5	15.8	16.0	16.2	16.7	15.6	15.8	16.1	16.3	16.8

Luminaire

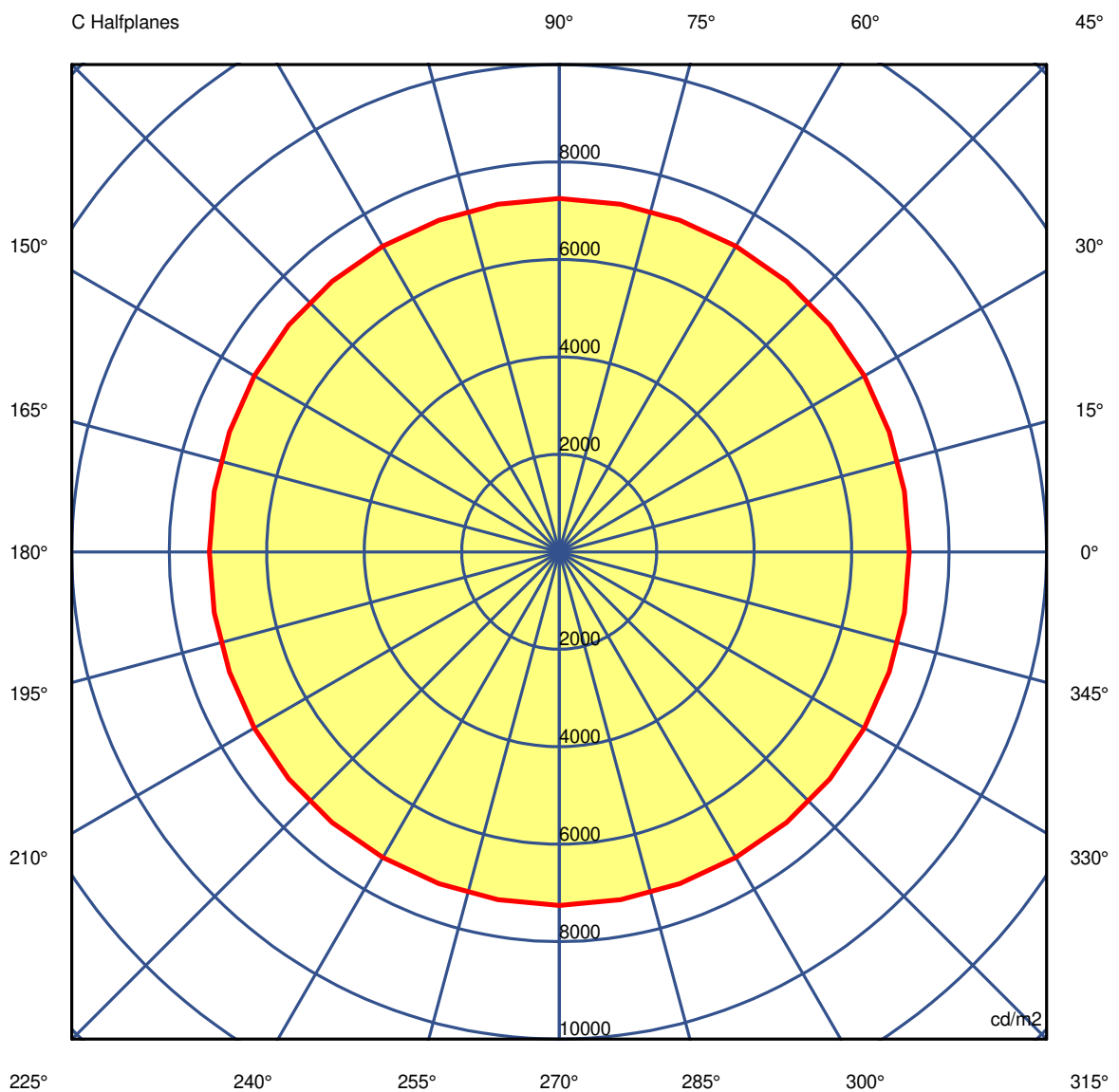
Code 90759L00L
Name DYNA /C D236 PM 830 80° LO

Measurem.

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

Luminaire Flux	1088 lm	Luminaire Power	9.3 W	Efficacy	116.653 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

Code 90759L00L
Name DYNA /C D236 PM 830 80° LO

Measurem.

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

Luminaire Flux	1088 lm		Luminaire Power		9.3 W		Efficacy		116.653 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	24603	
G 5.0	22193	22195	22202	22215	22220	22245	22251	22176	22153	22225	22153	22176	22251		
G 10.0	19912	19920	19931	19942	19951	19982	19999	19947	19947	20037	19947	19947	19999		
G 15.0	17700	17710	17715	17729	17773	17810	17817	17809	17813	17836	17813	17809	17817		
G 20.0	15563	15574	15596	15628	15666	15722	15763	15739	15731	15772	15731	15739	15763		
G 25.0	13622	13643	13667	13703	13754	13803	13834	13843	13851	13869	13851	13843	13834		
G 30.0	11868	11882	11909	11948	11993	12044	12081	12079	12079	12098	12079	12079	12081		
G 35.0	10260	10267	10291	10327	10354	10399	10440	10427	10413	10424	10413	10427	10440		
G 40.0	8779	8794	8814	8840	8871	8904	8922	8910	8913	8949	8913	8910	8922		
G 45.0	7180	7190	7204	7225	7246	7251	7243	7241	7246	7254	7246	7241	7243		
G 50.0	4666	4669	4686	4715	4720	4743	4776	4762	4749	4747	4749	4762	4776		
G 55.0	2188	2287	2344	2359	2370	2395	2420	2411	2395	2388	2395	2411	2420		
G 60.0	734	725	733	745	738	745	766	763	750	742	750	763	766		
G 65.0	323	323	323	323	320	323	326	318	309	307	309	318	326		
G 70.0	240	240	240	240	234	232	232	225	218	215	218	225	232		
G 75.0	168	168	166	160	160	159	157	153	151	151	151	153	157		
G 80.0	103	103	102	97	97	96	94	89	89	94	89	89	94		
G 85.0	39	51	57	55	50	48	48	47	43	39	43	47	48		
G 90.0	21	37	41	41	41	41	41	40	36	31	36	40	41		

Luminaire

Code 90759L00L
Name DYNA /C D236 PM 830 80° LO

Measurem.

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

Luminaire Flux	1088 lm	Luminaire Power		9.3 W		Efficacy	116.653 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 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
G 5.0	22245	22220	22215	22202	22195	22193	22195	22202	22215	22220	22245	22251	22176
G 10.0	19982	19951	19942	19931	19920	19912	19920	19931	19942	19951	19982	19999	19947
G 15.0	17810	17773	17729	17715	17710	17700	17710	17715	17729	17773	17810	17817	17809
G 20.0	15722	15666	15628	15596	15574	15563	15574	15596	15628	15666	15722	15763	15739
G 25.0	13803	13754	13703	13667	13643	13622	13643	13667	13703	13754	13803	13834	13843
G 30.0	12044	11993	11948	11909	11882	11868	11882	11909	11948	11993	12044	12081	12079
G 35.0	10399	10354	10327	10291	10267	10260	10267	10291	10327	10354	10399	10440	10427
G 40.0	8904	8871	8840	8814	8794	8779	8794	8814	8840	8871	8904	8922	8910
G 45.0	7251	7246	7225	7204	7190	7180	7190	7204	7225	7246	7251	7243	7241
G 50.0	4743	4720	4715	4686	4669	4666	4669	4686	4715	4720	4743	4776	4762
G 55.0	2395	2370	2359	2344	2287	2188	2287	2344	2359	2370	2395	2420	2411
G 60.0	745	738	745	733	725	734	725	733	745	738	745	766	763
G 65.0	323	320	323	323	323	323	323	323	323	320	323	326	318
G 70.0	232	234	240	240	240	240	240	240	240	234	232	232	225
G 75.0	159	160	160	166	168	168	168	166	160	160	159	157	153
G 80.0	96	97	97	102	103	103	103	102	97	97	96	94	89
G 85.0	48	50	55	57	51	39	51	57	55	50	48	48	47
G 90.0	41	41	41	41	37	21	37	41	41	41	41	41	40

Luminaire

Code 90759L00L
Name DYNA /C D236 PM 830 80° LO

Measurem.

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

Luminaire Flux	1088 lm	Luminaire Power	9.3 W	Efficacy	116.653 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 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	22153	22225	22153	22176	22251	22245	22220	22215	22202	22195
G 10.0	19947	20037	19947	19947	19999	19982	19951	19942	19931	19920
G 15.0	17813	17836	17813	17809	17817	17810	17773	17729	17715	17710
G 20.0	15731	15772	15731	15739	15763	15722	15666	15628	15596	15574
G 25.0	13851	13869	13851	13843	13834	13803	13754	13703	13667	13643
G 30.0	12079	12098	12079	12079	12081	12044	11993	11948	11909	11882
G 35.0	10413	10424	10413	10427	10440	10399	10354	10327	10291	10267
G 40.0	8913	8949	8913	8910	8922	8904	8871	8840	8814	8794
G 45.0	7246	7254	7246	7241	7243	7251	7246	7225	7204	7190
G 50.0	4749	4747	4749	4762	4776	4743	4720	4715	4686	4669
G 55.0	2395	2388	2395	2411	2420	2395	2370	2359	2344	2287
G 60.0	750	742	750	763	766	745	738	745	733	725
G 65.0	309	307	309	318	326	323	320	323	323	323
G 70.0	218	215	218	225	232	232	234	240	240	240
G 75.0	151	151	151	153	157	159	160	160	166	168
G 80.0	89	94	89	89	94	96	97	97	102	103
G 85.0	43	39	43	47	48	48	50	55	57	51
G 90.0	36	31	36	40	41	41	41	41	41	37