



Diana Flat LED

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LED

Diana Flat LED is slim modular luminaire series for general lighting in offices and commercial premises. Edge-lit technology combined with opal acrylic diffuser gives finished looks in even most demanding places.

Optics

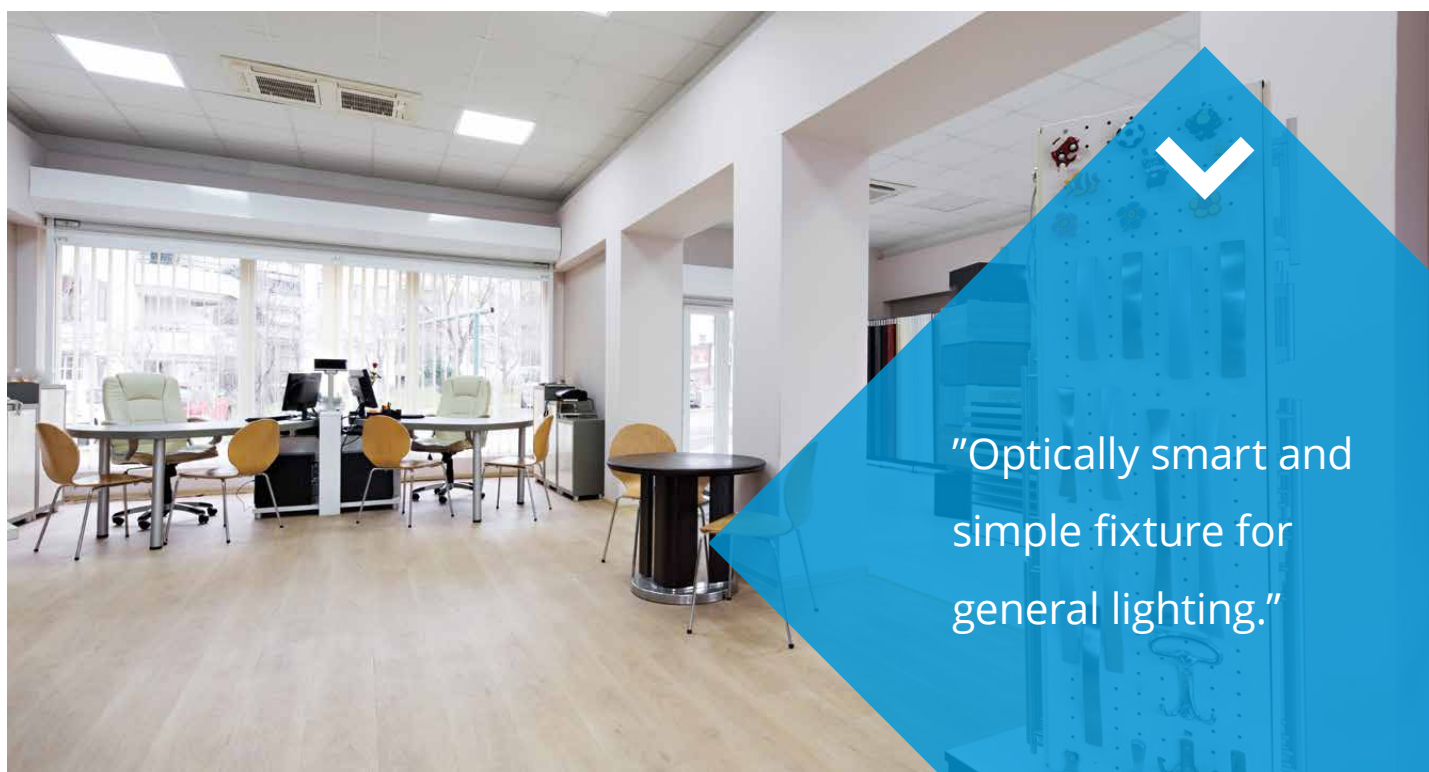
Ensto luminaires include variable possibilities for optical solutions to choose from. Symmetric, wide and many others, our product families have several options for light distribution and -output to fit your project and demand.

Tunable White

Ensto luminaires with Tunable White -solution are a base for Human Centric lighting. You can integrate Ensto TW -luminaires into numerous control systems which operate steplessly between 2700 K and 6500 K. Tunable White -solution is perfect for modern office use.

DALI

DALI drivers enable luminaires to be connected to DALI based control systems and Smart Buildings. Compared to a fixed output installation, the dimming and individual control capability provided by DALI enables considerable energy savings and control, depending on luminaire specifications.



"Optically smart and simple fixture for general lighting."



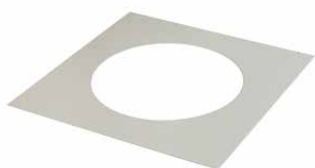
Diana Flat LED 600x600 mm



Diana Flat LED surface mounting frame



RVDL3X12 suspension kit



DL6X6-R400

Structure

- › Body white powder-coated aluminium
- › Opal diffuser (O) or micro-prismatic optics (M)
- › CL2, 1-10V-models CL1
- › Luminaire IP44 from bottom side, IP20 from top side
- › UGR < 19 with micro-prismatic models
- › 300x300 mm recessed frame and fastening spring brackets
- › Range:
600x600 mm and 300x1200 mm with opal diffuser or with micro-prismatic optics
300x300 mm with opal diffuser
Ambient temperature + 25 °C
LED-module lifespan 50 000 h (L70), T_a=25 °C

Mounting

- › To the T-list ceiling (600x600 mm and 300x1200 mm) and recess mounting hole (300x300 mm)
- › Surface mounting (600x600 mm and 300x1200 mm) with separate surface mounting frame
- › To solid ceiling (600x600 mm and 300x1200 mm) with separate frame
- › Suspension mounting with separate suspension mounting kit 600x600 mm and 300x1200 mm, suspension measure max. 1500 mm
- › -o- 3x2,5 mm² and 5x2,5 mm² (DALI)
-o 5x1,5 mm² (DL3X3ED)
- › Power source can be placed on the top of the panel or beside it

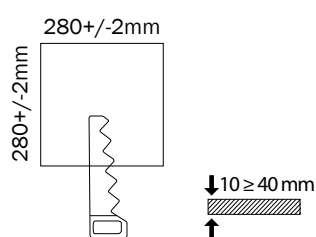
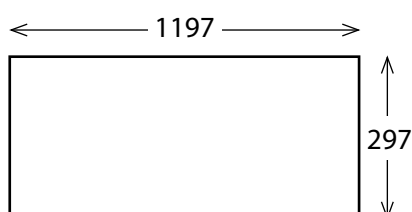
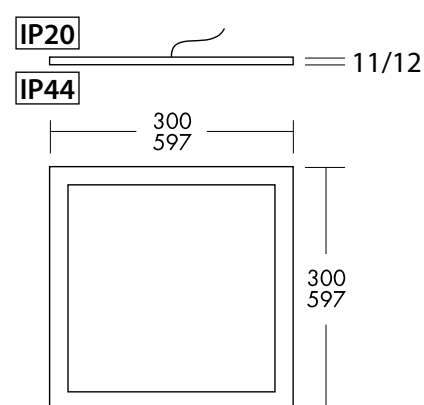
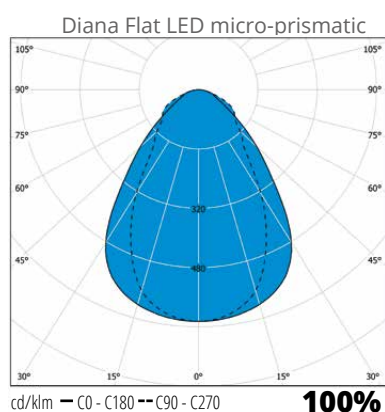
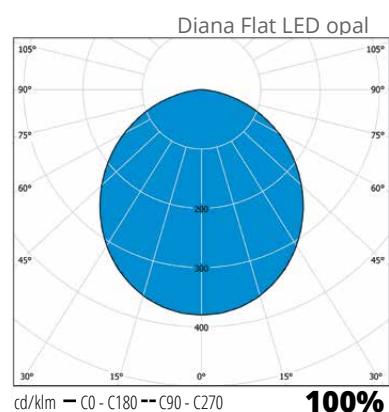
Made to order

- › Surface mounting frame DL3X12-K (300x1200 mm) and DL3X3-K (300x300 mm)
- › DL3X12O and DL3X12M (300x1200 mm) 3000 K-models
- › Diana Flat LED -versions to Helvar's Select the Weather solution
- › With luminaire integrated sensors. Check sensor specific availability from the Ensto Lighting product management.
- › Optimized luminous flux versions to projects
- › DL6X6O and DL6X6M (600x600 mm) 4000 K, CRI > 90

E number	Type	Product name	Kg	Length	Height	Width	Luminous flux
Diana Flat LED 600x600, opal diffuser							
42 607 44	DL6X6O	DL6X6O 40W/840 LED O AC	3,6	597	11	597	4600 lm
42 603 22	DL6X6O22	DL6X6O22 21W/840 LED O AC	3,6	597	11	597	2300 lm
42 603 23	DL6X6O30	DL6X6O30 28W/840 LED O AC	3,6	597	11	597	3000 lm
42 607 59	DL6X6OED	DL6X6OED 40W/840 LED O AC DALI	3,6	597	11	597	4600 lm
42 607 64	DL6X6OELD	DL6X6OELD 40W/840 LED AC 1-10V	3,6	597	11	597	4600 lm
42 607 51	DL6X6O/3K	DL6X6O/3K 40W/830 LED O AC	3,6	597	11	597	4200 lm
42 607 62	DL6X6OED/3K	DL6X6OED/3K 40W/830 O AC DALI	3,6	597	11	597	4200 lm
42 607 65	DL6X6OELD/3K	DL6X6OELD/3K 40W/830 O AC 1-10	3,6	597	11	597	4200 lm
Diana Flat LED 600x600, micro-prismatic optics							
42 607 19	DL6X6M	DL6X6M 40W/840 LED MP AC	3,6	597	11	597	4500 lm
42 603 20	DL6X6M22	DL6X6M22 22W/840 LED MP AC	3,6	597	11	597	2300 lm
42 603 21	DL6X6M30	DL6X6M30 28W/840 LED MP AC	3,6	597	11	597	3000 lm
42 607 29	DL6X6MED	DL6X6MED 40W/840 LED MP AC DA	3,6	597	11	597	4500 lm
42 607 37	DL6X6MELD	DL6X6MELD 40W/840 LED AC 1-10V	3,6	597	11	597	4500 lm
42 607 20	DL6X6M/3K	DL6X6M/3K 40W/830 LED MP AC	3,6	597	11	597	4000 lm
42 607 34	DL6X6MED/3K	DL6X6MED/3K 40W/830 MP AC DALI	3,6	597	11	597	4000 lm
42 607 38	DL6X6MELD/3K	DL6X6MELD/3K 40W/830 MP 1-10V	3,6	597	11	597	4000 lm



E number	Type	Product name	Kg	Length	Height	Width	Luminous flux
Diana Flat LED 600x600, opal diffuser (O) or micro-prismatic optics (M), tunable white 3000-6000 K							
42 607 55	DL6X6O/TW	DL6X6O 40W/830-60 LED O AC	3,6	597	12	597	3500 lm
42 607 23	DL6X6M/TW	DL6X6M 40W/830-60 LED MP AC	3,6	597	12	597	3500 lm
Diana Flat LED 300x1200, opal diffuser							
42 607 09	DL3X12O	DL3X12O 34W/840 LED O AC	4,6	1197	12	297	3400 lm
42 603 18	DL3X12O28	DL3X12O28 26W/840 LED O AC	4,6	1197	12	297	2800 lm
42 607 16	DL3X12OED	DL3X12OED 34W/840 LED O AC DA	4,6	1197	12	297	3400 lm
42 607 17	DL3X12OELD	DL3X12OELD 34W/840 LED AC 1-10V	4,6	1197	12	297	3400 lm
Diana Flat LED 300x1200, micro-prismatic optics							
42 606 93	DL3X12M	DL3X12M 34W/840 LED MP AC	4,6	1197	12	297	3200 lm
42 603 17	DL3X12M28	DL3X12M28 29W/840 LED O AC	4,6	1197	12	297	2800 lm
42 607 06	DL3X12MED	DL3X12MED 34W/840 LED MP AC DALI	4,6	1197	12	297	3200 lm
42 607 08	DL3X12MELD	DL3X12MELD 34W/840 LED AC 1-10V	4,6	1197	12	297	3200 lm
Diana Flat LED 300x300, opal diffuser, spring brackets							
42 606 48	DL3X3	DL3X3 14W/840 LED O AC	1,5	300	12	300	1100 lm
42 606 51	DL3X3ED	DL3X3ED 14W/840 LED O AC DALI	1,5	300	12	300	1100 lm
42 606 54	DL3X3ELD	DL3X3ELD 14W/840 O AC 1-10V	1,5	300	12	300	1100 lm
42 606 49	DL3X3/3K	DL3X3/3K 14W/830 LED O AC	1,5	300	12	300	1000 lm
42 606 52	DL3X3ED/3K	DL3X3ED/3K 14W/830 O AC DALI	1,5	300	12	300	1000 lm
42 606 55	DL3X3ELD/3K	DL3X3ELD/3K 14W/830 O AC 1-10V	1,5	300	12	300	1000 lm
Diana Flat LED accessories							
42 603 32	DL6X6-KM	DL6X6-KM surface mounting frame, white	2,4	605	51	650	
42 606 61	DL6X6-LK	DL6X6-LK mounting frame for solid ceilings	0,2	637	66	650	
42 606 64	RVDL6X6	RVDL6X6 suspension kit	0,2	140			
42 606 63	RVDL3X12	RVDL3X12 suspension kit	0,3	140			



Recess hole (300 x 300mm)



Diana suites well for many different premises. Optical solutions like microprism and Tunable White will give more options when thinking about special variations in your project.