

LUM – Technical Information

OSRAM DIADEM® LED 600x600 42W
OSRAM DIADEM® LED 600x600 33W



OSRAM DIADEM® LED 300x1200 42W
OSRAM DIADEM® LED 300x1200 33W



The ultra-thin ceiling surface-mounted LED luminaire with accessory suspension kit is the ideal replacement for traditional louver luminaires in offices, meeting rooms, traffic areas and corridors

Tender text

- Extremely flat LED luminaire for ceiling and pendant mounting
- Pleasant light thanks to indirect light output
- Symmetrical V-reflector
- High-quality housing made from metal



Table of contents:

Tender text 1

A) Technical Information..... 3

 1) Housing, Mounting and Accessories3

 2) Electrical Installation4

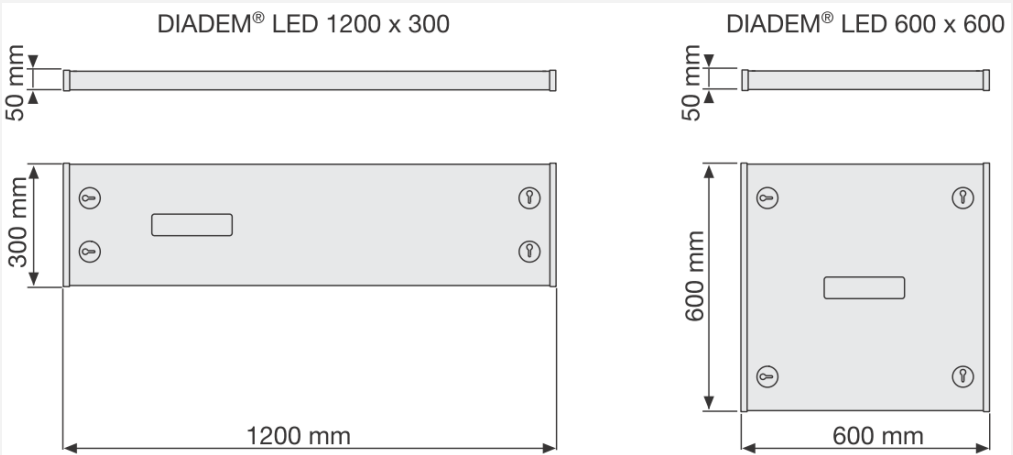
 3) Optical features5

 4) Control6

B) Logistic Data 7

A) Technical Information

1) Housing, Mounting and Accessories

Product name	OSRAM DIADEM® LED 600x600 42W	OSRAM DIADEM® LED 600x600 33W	OSRAM DIADEM® LED 300x1200 42W	OSRAM DIADEM® LED 300x1200 33W
Body material	Steel			
Color of the luminaire (RAL)	White RAL 9016			
Cover material	PC			
Type of cover	Diffuser			
Reflector material	---			
Symmetry	Square/ Rectangular			
Adjustable	No			
Dimensions LxBxH [mm]	600x600x50	600x600x50	300x1200x50	300x1200x50
				

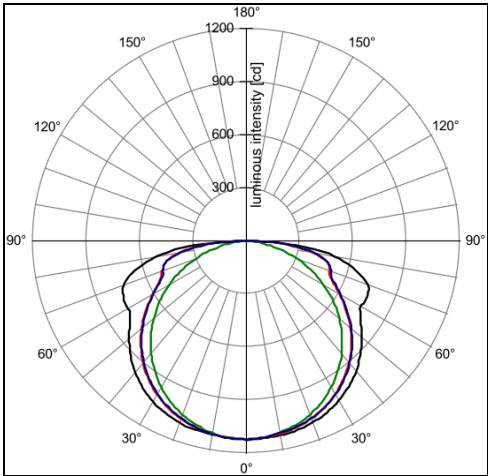
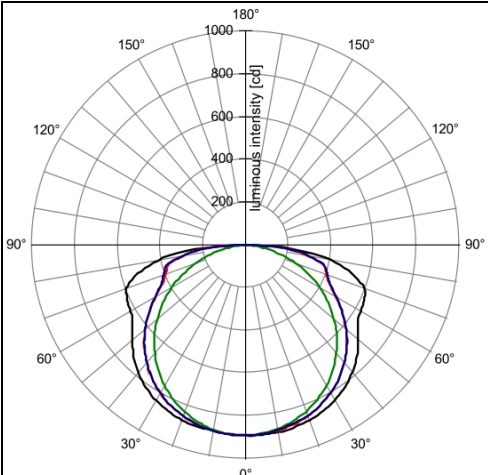
Mounting type	Ceiling / Pendant			
Net weight [kg]	3,8	3,8	4,1	4,1
Protection class	I			
Type of protection (IP code)	20			
Protection against ignition and fire	---			
Glow Wire Test according to IEC 695-2-1 (> 650°C)	Yes			
Shock resistance (IK code)	---			
Load-bearing capacity	---			
Ambient temperature [°C]	25			
Storage temperature [°C]	-20 to 80			
Approval marks	CE			
Body temperature [°C]	≤ 60			
Luminaire efficiency [lm/W]	95			

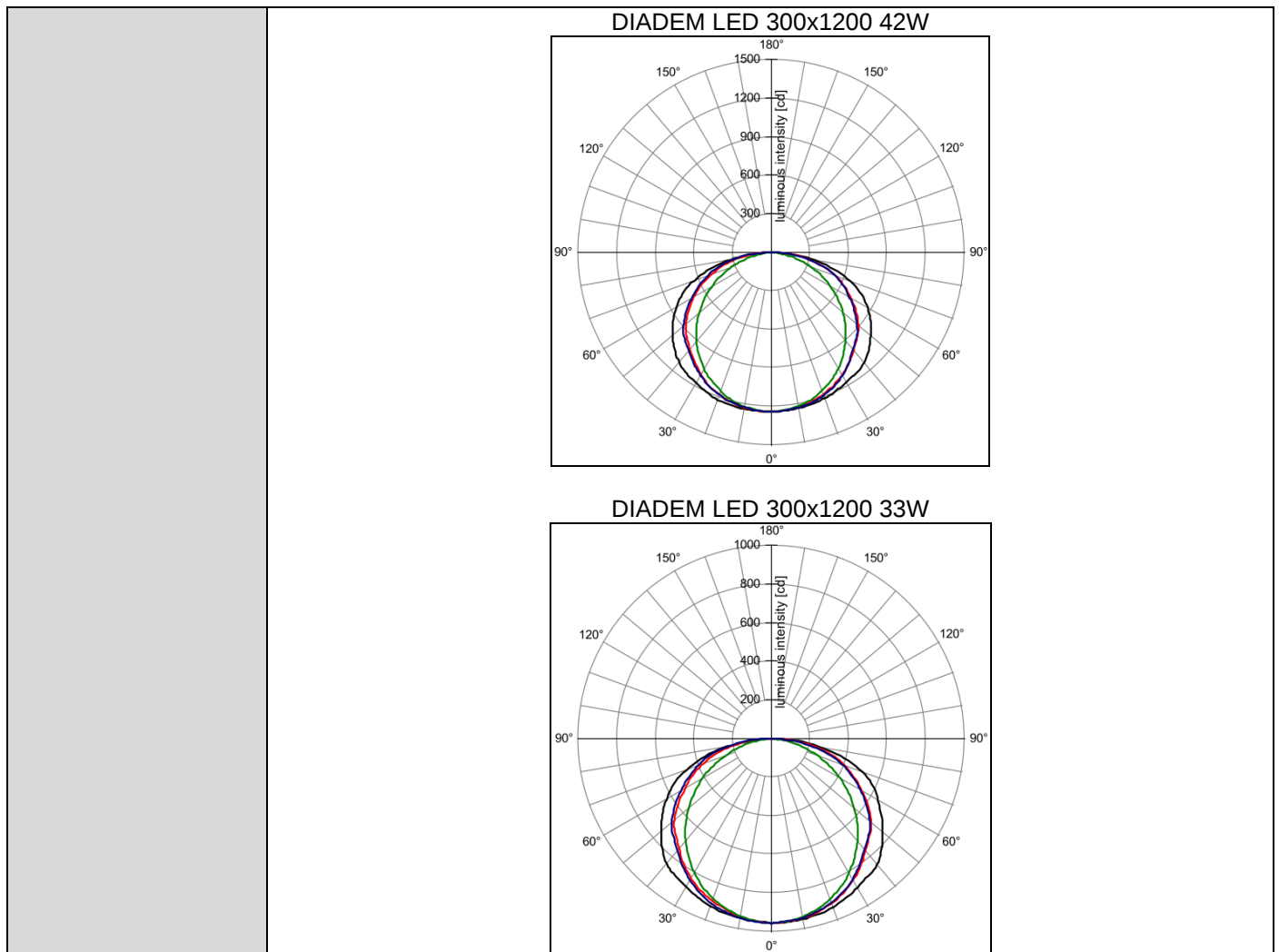
2) Electrical Installation

- Connection with mains power in accordance with national regulations

Product name	OSRAM DIADEM® LED 600x600 42W	OSRAM DIADEM® LED 600x600 33W	OSRAM DIADEM® LED 300x1200 42W	OSRAM DIADEM® LED 300x1200 33W
Nominal/Rated wattage [W]	42	33	42	33
Mains voltage [V]	220 - 240	220 - 240	220 - 240	220 - 240
Rated current [mA]	190	145	190	145
Mains frequency [Hz]	50 / 60			
Suitable cable types for primary side	Round cables ≤ Ø 10 mm			
Type of connection	Tool-free clamp terminal			

3) Optical features

Product name	OSRAM DIADEM® LED 600x600 42W	OSRAM DIADEM® LED 600x600 33W	OSRAM DIADEM® LED 300x1200 42W	OSRAM DIADEM® LED 300x1200 33W
Lights source	LED	LED	LED	LED
Number of lighting outlets	240	180	240	180
Lifetime LED [h]	35.000	35.000	35.000	35.000
Light color	Neutral white	Neutral white	Neutral white	Neutral white
Color temperature [K]	4000 ± 150	4000 ± 150	4000 ± 150	4000 ± 150
Color rendering index (CRI)	≥ 84	≥ 84	≥ 84	≥ 84
Beam angle [°]	155 / 110	155 / 110	140 / 110	140 / 110
Luminous flux [lm]	4000 ± 100	3100 ± 100	4000 ± 100	3100 ± 100
Luminous intensity [cd]	1200	900	1200	900
Luminous value [lx] 1 m / 2 m	1200 / 300	900 / 225	1200 / 300	900 / 225
UGR	> 19	> 19	> 19	> 19
Luminous intensity distributions	DIADEM LED 600x600 42W  DIADEM LED 600x600 33W 			



4) Control

Product name	OSRAM DIADEM® LED 600x600 42W	OSRAM DIADEM® LED 600x600 33W	OSRAM DIADEM® LED 300x1200 42W	OSRAM DIADEM® LED 300x1200 33W
Ballast / Control gear	Standard ECG			
Communication interface	---			
Permissible sinusoidal operating voltage [V _{AC}]	220 - 240			
Secondary voltage [V _{OUT}]	Max. 50 V			
Color control	---			
Through-wiring	---			
Dimmable	---			
Dimmable interface	---			

B) Logistic Data

Product reference	EAN 10	EAN 40	SU	Color
OSRAM DIADEM® LED 600x600 42W	-	4052899925892	1x1	White
OSRAM DIADEM® LED 600x600 33W	-	4052899925885	1x1	White
OSRAM DIADEM® LED 300x1200 42W	-	4052899925915	1x1	White
OSRAM DIADEM® LED 300x1200 33W	-	4052899925908	1x1	White
Pendant Kit	4052899925878	4052899925922	20x1	Silver