

PRODUCT FAMILY DATASHEET

ECO CLASS PANEL 600

Square recessed panel luminaires, 600 x 600 mm



Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Corridors
- Offices
- Conference rooms
- Foyers
- Reception areas
- Elevators
- Suitable for recessed ceiling systems with grid size of 600 x 600 mm

Product benefits

- Low flicker light thanks to special electronic control gear
- Energy savings thanks to system efficacy of up to 90 lm/W
- Fast ceiling integration thanks to easy installation system

Product features

- Lifetime (L70/B50): up to 50,000 h (at 25 °C)
- Extruded aluminum housing
- Polystyrene diffuser



TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Nominal voltage	Mains frequency	Nominal current	Max. no. of lum. on circuit break. B16 A
ECO PANEL 600 36 W/3000 K	36.00 W	220...240 V	50...60 Hz	750 mA	19
ECO PANEL 600 36 W/4000 K	36.00 W	220...240 V	50...60 Hz	750 mA	19
ECO PANEL 600 36 W/6500 K	36.00 W	220...240 V	50...60 Hz	750 mA	19
ECO PANEL 600 40 W/3000 K	40.00 W	220...240 V	50...60 Hz	1200 mA	
ECO PANEL 600 40 W/3000 K	40.00 W	220...240 V	50...60 Hz	1200 mA	
ECO PANEL 600 40 W/4000 K	40.00 W	220...240 V	50...60 Hz	1200 mA	
ECO PANEL 600 40 W/4000 K	40.00 W	220...240 V	50...60 Hz	1200 mA	
ECO PANEL 600 40 W/6500 K	40.00 W	220...240 V	50...60 Hz	1200 mA	
ECO PANEL 600 40 W/6500 K	40.00 W	220...240 V	50...60 Hz	1200 mA	

Product description	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A	Power factor λ	Total harmonic distortion	Protection class
ECO PANEL 600 36 W/3000 K	19	30	0.95	< 15 %	II
ECO PANEL 600 36 W/4000 K	19	30	0.95	< 15 %	II
ECO PANEL 600 36 W/6500 K	19	30	0.95	< 15 %	II
ECO PANEL 600 40 W/3000 K			> 0.90	< 15 %	II
ECO PANEL 600 40 W/3000 K			> 0.90	< 15 %	II
ECO PANEL 600 40 W/4000 K			> 0.90	< 15 %	II
ECO PANEL 600 40 W/4000 K			> 0.90	< 15 %	II
ECO PANEL 600 40 W/6500 K			> 0.90	< 15 %	II
ECO PANEL 600 40 W/6500 K			> 0.90	< 15 %	II

Product description	Operating mode
ECO PANEL 600 36 W/3000 K	External LED driver
ECO PANEL 600 36 W/4000 K	External LED driver
ECO PANEL 600 36 W/6500 K	External LED driver
ECO PANEL 600 40 W/3000 K	Electronic control gear (ECG)
ECO PANEL 600 40 W/3000 K	Electronic control gear (ECG)
ECO PANEL 600 40 W/4000 K	Electronic control gear (ECG)
ECO PANEL 600 40 W/4000 K	Electronic control gear (ECG)
ECO PANEL 600 40 W/6500 K	Electronic control gear (ECG)
ECO PANEL 600 40 W/6500 K	Electronic control gear (ECG)



Photometrical data

Product description	Luminous flux	Luminous efficacy	Color temperature	Light color (designation)	Color rendering index Ra
ECO PANEL 600 36 W/3000 K	3240 lm	90 lm/W	3000 K	Warm White	80
ECO PANEL 600 36 W/4000 K	3240 lm	90 lm/W	4000 K	Cool White	80
ECO PANEL 600 36 W/6500 K	3240 lm	90 lm/W	6500 K	Cool Daylight	80
ECO PANEL 600 40 W/3000 K	3200 lm	80 lm/W	3000 K	Warm White	> 80
ECO PANEL 600 40 W/3000 K	3200 lm	80 lm/W	3000 K	Warm White	> 80
ECO PANEL 600 40 W/4000 K	3400 lm	85 lm/W	4000 K	Cool White	> 80
ECO PANEL 600 40 W/4000 K	3400 lm	85 lm/W	4000 K	Cool White	> 80
ECO PANEL 600 40 W/6500 K	3400 lm	85 lm/W	6500 K	Cool Daylight	> 80
ECO PANEL 600 40 W/6500 K	3400 lm	85 lm/W	6500 K	Cool Daylight	> 80

Product description	Standard deviation of color matching	Photobiological safety group acc. to EN62778	Photobiological safety group acc. to EN62471	Beam angle	UGR
ECO PANEL 600 36 W/3000 K	6 sdc	RG0	RG0	120 °	< 22
ECO PANEL 600 36 W/4000 K	6 sdc	RG0	RG0	120 °	< 22
ECO PANEL 600 36 W/6500 K	6 sdc	RG0	RG0	120 °	< 22
ECO PANEL 600 40 W/3000 K	< 6 sdc	RG0	RG0	115 °	< 22
ECO PANEL 600 40 W/3000 K	< 6 sdc	RG0	RG0	115 °	< 22
ECO PANEL 600 40 W/4000 K	< 6 sdc	RG0	RG0	115 °	< 22
ECO PANEL 600 40 W/4000 K	< 6 sdc	RG0	RG0	115 °	< 22
ECO PANEL 600 40 W/6500 K	< 6 sdc	RG0	RG0	115 °	< 22
ECO PANEL 600 40 W/6500 K	< 6 sdc	RG0	RG0	115 °	< 22

Product description
ECO PANEL 600 36 W/3000 K
ECO PANEL 600 36 W/4000 K
ECO PANEL 600 36 W/6500 K
ECO PANEL 600 40 W/3000 K
ECO PANEL 600 40 W/3000 K
ECO PANEL 600 40 W/4000 K
ECO PANEL 600 40 W/4000 K
ECO PANEL 600 40 W/6500 K
ECO PANEL 600 40 W/6500 K

Dimensions & Weight



Product description	Length	Width	Height	Product weight
ECO PANEL 600 36 W/3000 K	595.00 mm	595.00 mm	34.00 mm	1800.00 g
ECO PANEL 600 36 W/4000 K	595.00 mm	595.00 mm	34.00 mm	1800.00 g
ECO PANEL 600 36 W/6500 K	595.00 mm	595.00 mm	34.00 mm	1800.00 g
ECO PANEL 600 40 W/3000 K	595.00 mm	595.00 mm	8.20 mm	2200.00 g
ECO PANEL 600 40 W/3000 K	595.00 mm	595.00 mm	8.20 mm	2200.00 g
ECO PANEL 600 40 W/4000 K	595.00 mm	595.00 mm	8.20 mm	2200.00 g
ECO PANEL 600 40 W/4000 K	595.00 mm	595.00 mm	8.20 mm	2200.00 g
ECO PANEL 600 40 W/6500 K	595.00 mm	595.00 mm	8.20 mm	2200.00 g
ECO PANEL 600 40 W/6500 K	595.00 mm	595.00 mm	8.20 mm	2200.00 g

Materials & Colors

Product description	Product color	Housing color	Body material	Cover material	Glow Wire Test according to IEC 60695-2-12
ECO PANEL 600 36 W/3000 K	White	White	Aluminum	Polystyrene (PS)	650 °C
ECO PANEL 600 36 W/4000 K	White	White	Aluminum	Polystyrene (PS)	650 °C
ECO PANEL 600 36 W/6500 K	White	White	Aluminum	Polystyrene (PS)	650 °C
ECO PANEL 600 40 W/3000 K	White	White	Aluminum	Polystyrene (PS)	650 °C
ECO PANEL 600 40 W/3000 K	White	White	Aluminum	Polystyrene (PS)	650 °C
ECO PANEL 600 40 W/4000 K	White	White	Aluminum	Polystyrene (PS)	650 °C
ECO PANEL 600 40 W/4000 K	White	White	Aluminum	Polystyrene (PS)	650 °C
ECO PANEL 600 40 W/6500 K	White	White	Aluminum	Polystyrene (PS)	650 °C
ECO PANEL 600 40 W/6500 K	White	White	Aluminum	Polystyrene (PS)	650 °C

Product description	Mercury content
ECO PANEL 600 36 W/3000 K	0.0 mg
ECO PANEL 600 36 W/4000 K	0.0 mg
ECO PANEL 600 36 W/6500 K	0.0 mg
ECO PANEL 600 40 W/3000 K	0.0 mg
ECO PANEL 600 40 W/3000 K	0.0 mg
ECO PANEL 600 40 W/4000 K	0.0 mg



Product description	Mercury content
ECO PANEL 600 40 W/4000 K	0.0 mg
ECO PANEL 600 40 W/6500 K	0.0 mg
ECO PANEL 600 40 W/6500 K	0.0 mg

Application & Mounting

Product description	Ambient temperature range	Type of connection	Type of protection	Protection class IK (shock resistance)	Dimmable
ECO PANEL 600 36 W/3000 K	-10...+45 °C	Push button terminal, 2-pole	IP40	IK02	No
ECO PANEL 600 36 W/4000 K	-10...+45 °C	Push button terminal, 2-pole	IP40	IK02	No
ECO PANEL 600 36 W/6500 K	-10...+45 °C	Push button terminal, 2-pole	IP40	IK02	No
ECO PANEL 600 40 W/3000 K	-10...+45 °C	Cable, 3-pole	IP20	IK02	No
ECO PANEL 600 40 W/3000 K	-10...+45 °C	Cable, 3-pole	IP20	IK02	No
ECO PANEL 600 40 W/4000 K	-10...+45 °C	Cable, 3-pole	IP20	IK02	Yes
ECO PANEL 600 40 W/4000 K	-10...+45 °C	Cable, 3-pole	IP20	IK02	Yes
ECO PANEL 600 40 W/6500 K	-10...+45 °C	Cable, 3-pole	IP20	IK02	No
ECO PANEL 600 40 W/6500 K	-10...+45 °C	Cable, 3-pole	IP20	IK02	No

Product description	Mounting type	Mounting location	Mounting length	Mounting width	Mounting depth
ECO PANEL 600 36 W/3000 K	Recessed	Ceiling / Wall	580 mm	580 mm	50,0 mm
ECO PANEL 600 36 W/4000 K	Recessed	Ceiling / Wall	580 mm	580 mm	50,0 mm
ECO PANEL 600 36 W/6500 K	Recessed	Ceiling / Wall	580 mm	580 mm	50,0 mm
ECO PANEL 600 40 W/3000 K	Recessed	Ceiling	580 mm	580 mm	10,0 mm
ECO PANEL 600 40 W/3000 K	Recessed	Ceiling	580 mm	580 mm	10,0 mm
ECO PANEL 600 40 W/4000 K	Recessed	Ceiling	580 mm	580 mm	10,0 mm
ECO PANEL 600 40 W/4000 K	Recessed	Ceiling	580 mm	580 mm	10,0 mm
ECO PANEL 600 40 W/6500 K	Recessed	Ceiling	580 mm	580 mm	10,0 mm
ECO PANEL 600 40 W/6500 K	Recessed	Ceiling	580 mm	580 mm	10,0 mm

Product description	LED module replaceable
ECO PANEL 600 36 W/3000 K	Not replaceable
ECO PANEL 600 36 W/4000 K	Not replaceable
ECO PANEL 600 36 W/6500 K	Not replaceable
ECO PANEL 600 40 W/3000 K	Not replaceable
ECO PANEL 600 40 W/3000 K	Not replaceable



Product description	LED module replaceable
ECO PANEL 600 40 W/4000 K	Not replaceable
ECO PANEL 600 40 W/4000 K	Not replaceable
ECO PANEL 600 40 W/6500 K	Not replaceable
ECO PANEL 600 40 W/6500 K	Not replaceable

Lifespan

Product description	Lifespan L70/B50 at 25 °C
ECO PANEL 600 36 W/3000 K	50000 h
ECO PANEL 600 36 W/4000 K	50000 h
ECO PANEL 600 36 W/6500 K	50000 h
ECO PANEL 600 40 W/3000 K	50000 h
ECO PANEL 600 40 W/3000 K	50000 h
ECO PANEL 600 40 W/4000 K	50000 h
ECO PANEL 600 40 W/4000 K	50000 h
ECO PANEL 600 40 W/4000 K	50000 h
ECO PANEL 600 40 W/6500 K	50000 h
ECO PANEL 600 40 W/6500 K	50000 h

Certificates & Standards

Product description	Standards
ECO PANEL 600 36 W/3000 K	CE / EAC / REACH / RoHS
ECO PANEL 600 36 W/4000 K	CE / EAC / REACH / RoHS
ECO PANEL 600 36 W/6500 K	CE / EAC / REACH / RoHS
ECO PANEL 600 40 W/3000 K	CE
ECO PANEL 600 40 W/3000 K	CE
ECO PANEL 600 40 W/4000 K	CE
ECO PANEL 600 40 W/4000 K	CE
ECO PANEL 600 40 W/6500 K	CE
ECO PANEL 600 40 W/6500 K	CE

EQUIPMENT / ACCESSORIES

– Accessories for several mounting options available

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.












SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com










COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
ECO PANEL 600 36 W/3000 K	4058075386624	-	-	-	-
ECO PANEL 600 36 W/4000 K	4058075386648	-	-	-	-
ECO PANEL 600 36 W/6500 K	4058075386662	-	-	-	-
ECO PANEL 600 40 W/3000 K	4058075233287	-	-	-	-
ECO PANEL 600 40 W/3000 K	4058075285002	-	-	-	-
ECO PANEL 600 40 W/4000 K	4058075285040	-	-	-	-
ECO PANEL 600 40 W/4000 K	4058075233300	-	-	-	-
ECO PANEL 600 40 W/6500 K	4058075285088	-	-	-	-
ECO PANEL 600 40 W/6500 K	4058075233324	-	-	-	-

DOWNLOAD DATA

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	Tender documents Tender Text 4058075386624
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	Tender documents Tender Text 4058075386648
	IES file (IES) ECO CLASS PANEL 600 36W 840
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	Tender documents Tender Text 4058075285040
	Tender documents Tender Text 4058075233300
	Tender documents Tender Text 4058075285088
	Tender documents Tender Text 4058075233324

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075386624	Folding box 1	602 mm x 40 mm x 647 mm	2260.00 g	15.58 dm ³
4058075386648	Folding box 1	602 mm x 40 mm x 647 mm	2260.00 g	15.58 dm ³
4058075386662	Folding box 1	602 mm x 40 mm x 647 mm	2260.00 g	15.58 dm ³
4058075233287	Unpacked 1	50 mm x 665 mm x 640 mm	2203.00 g	21.28 dm ³
4058075285002	Folding box 1	645 mm x 675 mm x 34 mm	2695.00 g	14.80 dm ³
4058075285040	Folding box 1	645 mm x 675 mm x 34 mm	2695.00 g	14.80 dm ³
4058075233300	Unpacked 1	50 mm x 628 mm x 608 mm	3848.00 g	19.09 dm ³
4058075285088	Folding box 1	645 mm x 675 mm x 34 mm	2695.00 g	14.80 dm ³
4058075233324	Unpacked 1			



Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

