

# PRODUCT FAMILY DATASHEET

## ECO CLASS PANEL 600

Square recessed panel luminaires, 600 x 600 mm



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### 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

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### 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

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### 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	Operating mode	Nominal voltage	Nominal current	Power factor $\lambda$
ECO PANEL 600 36 W/6500 K	36.00 W	External LED driver	220...240 V	750 mA	0,95
ECO PANEL 600 36 W/3000 K	36.00 W	External LED driver	220...240 V	750 mA	0,95
ECO PANEL 600 40 W/4000 K	40.00 W	Electronic control gear (ECG)	220...240 V	1200 mA	> 0,90
ECO PANEL 600 40 W/6500 K	40.00 W	Electronic control gear (ECG)	220...240 V	1200 mA	> 0,90
ECO PANEL 600 40 W/4000 K	40.00 W	Electronic control gear (ECG)	220...240 V	1200 mA	> 0,90
ECO PANEL 600 40 W/3000 K	40.00 W	Electronic control gear (ECG)	220...240 V	1200 mA	> 0,90
ECO PANEL 600 36 W/4000 K	36.00 W	External LED driver	220...240 V	750 mA	0,95
ECO PANEL 600 40 W/6500 K	40.00 W	Electronic control gear (ECG)	220...240 V	1200 mA	> 0,90
ECO PANEL 600 40 W/3000 K	40.00 W	Electronic control gear (ECG)	220...240 V	1200 mA	> 0,90

Product description	Max. no. of lum. on circuit break. B16 A	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A	Total harmonic distortion
ECO PANEL 600 36 W/6500 K	19	19	30	< 15 %
ECO PANEL 600 36 W/3000 K	19	19	30	< 15 %
ECO PANEL 600 40 W/4000 K				< 15 %
ECO PANEL 600 40 W/6500 K				< 15 %
ECO PANEL 600 40 W/4000 K				< 15 %
ECO PANEL 600 40 W/3000 K				< 15 %
ECO PANEL 600 36 W/4000 K	19	19	30	< 15 %
ECO PANEL 600 40 W/6500 K				< 15 %
ECO PANEL 600 40 W/3000 K				< 15 %

## Photometrical data

Product description	Color temperature	Luminous flux	Luminous efficacy	Light color (designation)	Standard deviation of color matching
ECO PANEL 600 36 W/6500 K	6500 K	3240 lm	90 lm/W	Cool Daylight	6 sdc <sub>m</sub>
ECO PANEL 600 36 W/3000 K	3000 K	3240 lm	90 lm/W	Warm White	6 sdc <sub>m</sub>
ECO PANEL 600 40 W/4000 K	4000 K	3400 lm	85 lm/W	Cool White	< 6 sdc <sub>m</sub>
ECO PANEL 600 40 W/6500 K	6500 K	3400 lm	85 lm/W	Cool Daylight	< 6 sdc <sub>m</sub>



Product description	Color temperature	Luminous flux	Luminous efficacy	Light color (designation)	Standard deviation of color matching
ECO PANEL 600 40 W/4000 K	4000 K	3400 lm	85 lm/W	Cool White	< 6 sdc
ECO PANEL 600 40 W/3000 K	3000 K	3200 lm	80 lm/W	Warm White	< 6 sdc
ECO PANEL 600 36 W/4000 K	4000 K	3240 lm	90 lm/W	Cool White	6 sdc
ECO PANEL 600 40 W/6500 K	6500 K	3400 lm	85 lm/W	Cool Daylight	< 6 sdc
ECO PANEL 600 40 W/3000 K	3000 K	3200 lm	80 lm/W	Warm White	< 6 sdc

Product description	Color rendering index Ra
ECO PANEL 600 36 W/6500 K	80
ECO PANEL 600 36 W/3000 K	80
ECO PANEL 600 40 W/4000 K	> 80
ECO PANEL 600 40 W/6500 K	> 80
ECO PANEL 600 40 W/4000 K	> 80
ECO PANEL 600 40 W/3000 K	> 80
ECO PANEL 600 36 W/4000 K	80
ECO PANEL 600 40 W/6500 K	> 80
ECO PANEL 600 40 W/3000 K	> 80

**Light technical data**

Product description	Beam angle	UGR longitudinal
ECO PANEL 600 36 W/6500 K	120 °	< 22
ECO PANEL 600 36 W/3000 K	120 °	< 22
ECO PANEL 600 40 W/4000 K	115 °	< 22
ECO PANEL 600 40 W/6500 K	115 °	< 22
ECO PANEL 600 40 W/4000 K	115 °	< 22
ECO PANEL 600 40 W/3000 K	115 °	< 22
ECO PANEL 600 36 W/4000 K	120 °	< 22
ECO PANEL 600 40 W/6500 K	115 °	< 22
ECO PANEL 600 40 W/3000 K	115 °	< 22

**Dimensions & weight**

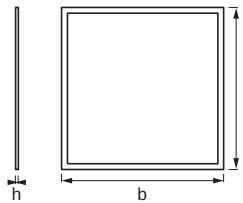
Product description	Length	Height	Width	Mounting length	Mounting width
ECO PANEL 600 36 W/6500 K	595.00 mm	34.00 mm	595.00 mm	580 mm	580 mm
ECO PANEL 600 36 W/3000 K	595.00 mm	34.00 mm	595.00 mm	580 mm	580 mm
ECO PANEL 600 40 W/4000 K	595.00 mm	8.20 mm	595.00 mm	580 mm	580 mm
ECO PANEL 600 40 W/6500 K	595.00 mm	8.20 mm	595.00 mm	580 mm	580 mm



Product description	Length	Height	Width	Mounting length	Mounting width
ECO PANEL 600 40 W/4000 K	595.00 mm	8.20 mm	595.00 mm	580 mm	580 mm
ECO PANEL 600 40 W/3000 K	595.00 mm	8.20 mm	595.00 mm	580 mm	580 mm
ECO PANEL 600 36 W/4000 K	595.00 mm	34.00 mm	595.00 mm	580 mm	580 mm
ECO PANEL 600 40 W/6500 K	595.00 mm	8.20 mm	595.00 mm	580 mm	580 mm
ECO PANEL 600 40 W/3000 K	595.00 mm	8.20 mm	595.00 mm	580 mm	580 mm

Product description	Product weight
ECO PANEL 600 36 W/6500 K	1800.000 g
ECO PANEL 600 36 W/3000 K	1800.000 g
ECO PANEL 600 40 W/4000 K	2200.000 g
ECO PANEL 600 40 W/6500 K	2200.000 g
ECO PANEL 600 40 W/4000 K	2200.000 g
ECO PANEL 600 40 W/3000 K	2200.000 g
ECO PANEL 600 36 W/4000 K	1800.000 g
ECO PANEL 600 40 W/6500 K	2200.000 g
ECO PANEL 600 40 W/3000 K	2200.000 g

**Product line drawing**



ECO PANEL 600 40 W/3000 K

**Colors & materials**

Product description	Body material	Product color	Housing color	Cover material
ECO PANEL 600 36 W/6500 K	Aluminum	White	White	Polystyrene (PS)
ECO PANEL 600 36 W/3000 K	Aluminum	White	White	Polystyrene (PS)
ECO PANEL 600 40 W/4000 K	Aluminum	White	White	Polystyrene (PS)
ECO PANEL 600 40 W/6500 K	Aluminum	White	White	Polystyrene (PS)
ECO PANEL 600 40 W/4000 K	Aluminum	White	White	Polystyrene (PS)



Product description	Body material	Product color	Housing color	Cover material
ECO PANEL 600 40 W/3000 K	Aluminum	White	White	Polystyrene (PS)
ECO PANEL 600 36 W/4000 K	Aluminum	White	White	Polystyrene (PS)
ECO PANEL 600 40 W/6500 K	Aluminum	White	White	Polystyrene (PS)
ECO PANEL 600 40 W/3000 K	Aluminum	White	White	Polystyrene (PS)

### Temperatures & operating conditions

Product description	Ambient temperature range
ECO PANEL 600 36 W/6500 K	-10...+45 °C
ECO PANEL 600 36 W/3000 K	-10...+45 °C
ECO PANEL 600 40 W/4000 K	-10...+45 °C
ECO PANEL 600 40 W/6500 K	-10...+45 °C
ECO PANEL 600 40 W/4000 K	-10...+45 °C
ECO PANEL 600 40 W/3000 K	-10...+45 °C
ECO PANEL 600 36 W/4000 K	-10...+45 °C
ECO PANEL 600 40 W/6500 K	-10...+45 °C
ECO PANEL 600 40 W/3000 K	-10...+45 °C

### Lifespan

Product description	Lifespan	Lifespan L70/B50 at 25 °C	Lifespan L80/B10 at 25 °C	Lifespan L90/B10 at 25 °C
ECO PANEL 600 36 W/6500 K	30000 h	50000 h	-	-
ECO PANEL 600 36 W/3000 K	30000 h	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/4000 K		50000 h	-	-
ECO PANEL 600 40 W/3000 K		50000 h	-	-
ECO PANEL 600 36 W/4000 K	30000 h	50000 h	-	-
ECO PANEL 600 40 W/6500 K		50000 h	-	-
ECO PANEL 600 40 W/3000 K		50000 h	-	-

### Additional product data

Product description	Mounting location	Equipped with lamp
ECO PANEL 600 36 W/6500 K	Ceiling / Wall	No
ECO PANEL 600 36 W/3000 K	Ceiling / Wall	No
ECO PANEL 600 40 W/4000 K	Ceiling	No
ECO PANEL 600 40 W/6500 K	Ceiling	No
ECO PANEL 600 40 W/4000 K	Ceiling	No



Product description	Mounting location	Equipped with lamp
ECO PANEL 600 40 W/3000 K	Ceiling	No
ECO PANEL 600 36 W/4000 K	Ceiling / Wall	No
ECO PANEL 600 40 W/6500 K	Ceiling	No
ECO PANEL 600 40 W/3000 K	Ceiling	No

### Capabilities

Product description	Dimmable	Type of connection	ErP LEDmod replaceable
ECO PANEL 600 36 W/6500 K	No	Push button terminal, 2-pole	Not replaceable
ECO PANEL 600 36 W/3000 K	No	Push button terminal, 2-pole	Not replaceable
ECO PANEL 600 40 W/4000 K	Yes	Cable, 3-pole	Not replaceable
ECO PANEL 600 40 W/6500 K	No	Cable, 3-pole	Not replaceable
ECO PANEL 600 40 W/4000 K	Yes	Cable, 3-pole	Not replaceable
ECO PANEL 600 40 W/3000 K	No	Cable, 3-pole	Not replaceable
ECO PANEL 600 36 W/4000 K	No	Push button terminal, 2-pole	Not replaceable
ECO PANEL 600 40 W/6500 K	No	Cable, 3-pole	Not replaceable
ECO PANEL 600 40 W/3000 K	No	Cable, 3-pole	Not replaceable

### Certificates & standards

Product description	Protection class IK (shock resistance)	Glow Wire Test according to IEC 69	Photobio. safety group acc. to EN62471	Protection class	Type of protection
ECO PANEL 600 36 W/6500 K	IK02	650 °C	RG0	II	IP40
ECO PANEL 600 36 W/3000 K	IK02	650 °C	RG0	II	IP40
ECO PANEL 600 40 W/4000 K	IK02	650 °C	RG0	II	IP20
ECO PANEL 600 40 W/6500 K	IK02	650 °C	RG0	II	IP20
ECO PANEL 600 40 W/4000 K	IK02	650 °C	RG0	II	IP20
ECO PANEL 600 40 W/3000 K	IK02	650 °C	RG0	II	IP20
ECO PANEL 600 36 W/4000 K	IK02	650 °C	RG0	II	IP40
ECO PANEL 600 40 W/6500 K	IK02	650 °C	RG0	II	IP20
ECO PANEL 600 40 W/3000 K	IK02	650 °C	RG0	II	IP20

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



Product description	Standards
ECO PANEL 600 40 W/3000 K	CE
ECO PANEL 600 36 W/4000 K	CE / EAC / REACH / RoHS
ECO PANEL 600 40 W/6500 K	CE
ECO PANEL 600 40 W/3000 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](http://www.ledvance.com)

## COUNTRY SPECIFIC INFORMATION

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

## DOWNLOAD DATA

### DOWNLOAD DATA






Tender documents  
Tender Text 4058075386662



Certificates  
EAEC N RU D-DE.MYu62.B.01076 20 16.03.2020-15.03.2025



**DOWNLOAD DATA**

	Certificates RU C-DE.AJa46.B.07964 19 25.09.2019-24.09.2024
	IES file (IES) ECO CLASS PANEL 600 36W 865
	LDT file (Eulumdat) ECO CLASS PANEL 600 36W 865
	UGR file (UGR table) ECO CLASS PANEL 600 36W
	Tender documents Tender Text 4058075386624
	IES file (IES) ECO CLASS PANEL 600 36W 830
	LDT file (Eulumdat) ECO CLASS PANEL 600 36W 830
	UGR file (UGR table) ECO CLASS PANEL 600 36W
	Tender documents Tender Text 4058075285040
	Tender documents Tender Text 4058075285088
	Tender documents Tender Text 4058075233300
	Tender documents Tender Text 4058075233287
	Tender documents Tender Text 4058075386648
	Certificates EAEC N RU D-DE.MYu62.B.01076 20 16.03.2020-15.03.2025
	Certificates RU C-DE.AJa46.B.07964 19 25.09.2019-24.09.2024
	IES file (IES) ECO CLASS PANEL 600 36W 840
	LDT file (Eulumdat) ECO CLASS PANEL 36W 840
	UGR file (UGR table) ECO CLASS PANEL 600 36W





**DOWNLOAD DATA**



Tender documents  
Tender Text 4058075233324



Tender documents  
Tender Text 4058075285002

**LOGISTICAL DATA**

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

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.

