

# ECO E II



Finnish lighting know-how at its best. Excellent LEDs (180 lm/W). The design of the luminaire ensures the best end result in terms of long lifetime as well as efficiency. DALI control provides the comfort and energy-efficiency of smart lighting.

## Benefits

Extremely energy efficient low lifetime cost luminaire for generic lighting. Luminaire efficacy up to 140 lm/W. Long lifetime thanks to the best components and excellent thermal structure. Easy and quick installation enabled by the design.

## Suitability

Replace your old e.g. linear fluorescent based lighting in reliable, easy and extremely energy efficient manner. Generic lighting for various applications e.g. to parking halls, malls, stores, loading docks as well as to industrial and logistics halls. Installation height less than 6m.

## Product families and variants

MODEL	TYPE CODE	POWER	LUMINOUS FLUX	LUMINAIRE EFFICACY	LIFETIME	OPERATING TEMPERATURE
ECO E II 34 W	GL99340	34 W	4700 lm	138 lm/W	L80, F10 80 000 h	-25 - +45°C
ECO E II 52 W	GL99520	52 W	6600 lm	127 lm/W	L80, F10 80 000 h	-25 - +45°C
ECO E II 68 W	GL99680	68 W	9500 lm	140 lm/W	L80, F10 80 000 h	-25 - +45°C
ECO E II 92 W*	GL99920	92 W	12000 lm	130 lm/W	L80, F10 80 000 h	-25 - +45°C

## Dimensions

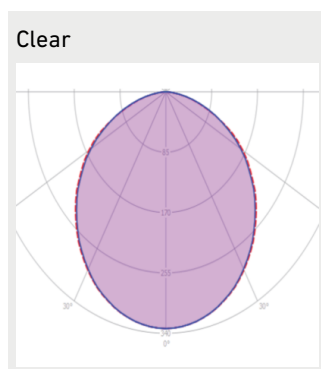
MODEL	TYPE CODE	LENGTH (L)	HEIGHT (H)	WIDTH (W)	WEIGHT
ECO E II 34 W	GL99340	880 mm	82 mm	66 mm	3,2 kg
ECO E II 52 W	GL99520	880 mm	82 mm	66 mm	3,2 kg
ECO E II 68 W	GL99680	1480 mm	82 mm	66 mm	5 kg
ECO E II 92 W*	GL99920	1480 mm	82 mm	66 mm	5 kg

## General Description

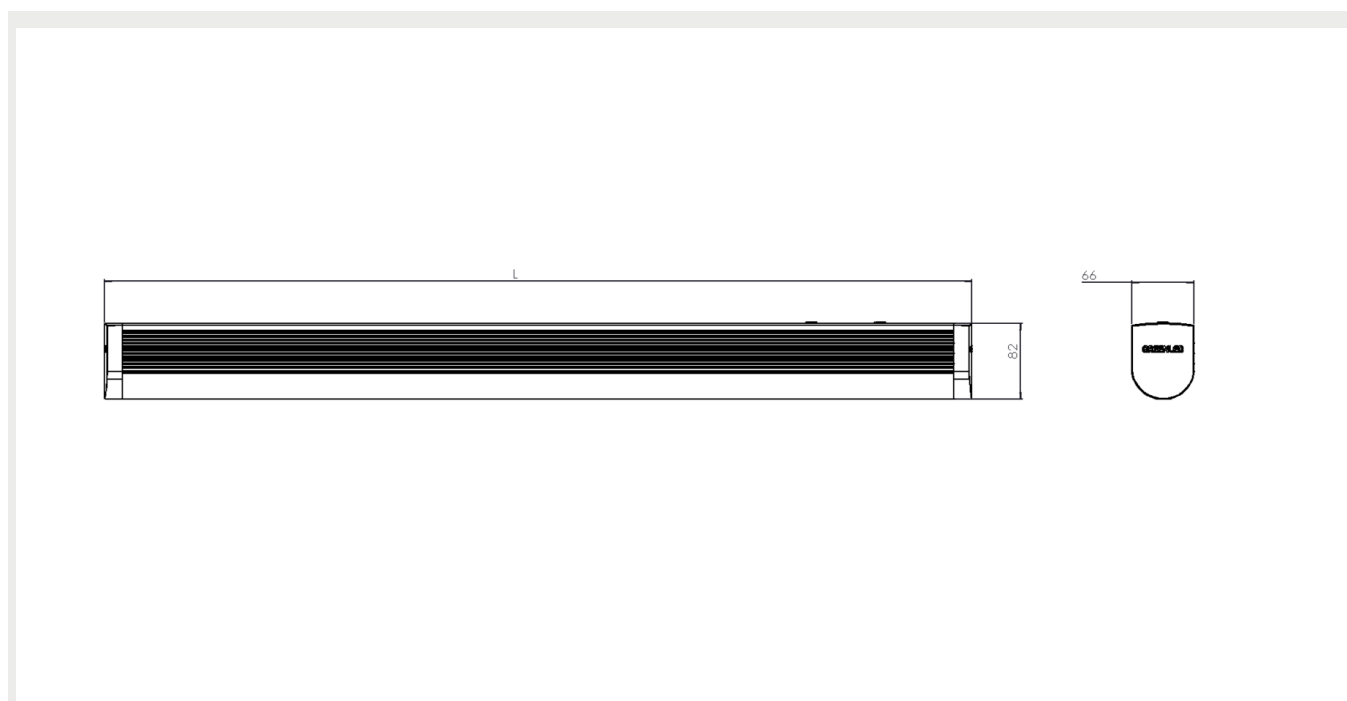
<b>COLOUR TEMPERATURE:</b>	3000 K, 4000 K, 5000 K
<b>COLOUR RENDERING INDEX:</b>	$R_A \geq 80$
<b>OPTIC:</b>	Transparent
<b>LIGHT SOURCE SHIELD:</b>	PC
<b>IP CLASS:</b>	IP 44
<b>SUPPLY VOLTAGE:</b>	220-240 Vac
<b>FREQUENCY:</b>	50-60 Hz
<b>PF:</b>	>0.95
<b>THD:</b>	20%
<b>CONNECTION:</b>	Internal terminal block supporting daisy chaining on ON/OFF versions max 5*2.5 mm <sup>2</sup> , OR on DALI versions max 3*2.5mm <sup>2</sup> and +/- DALI (option: both versions with the pre installed connection cable)
<b>DIMMABILITY:</b>	on/off or DALI (Eco E II 92W only DALI-version)
<b>COLOUR:</b>	Grey anodized aluminum
<b>MATERIAL OF THE LUMINAIRE BODY:</b>	Aluminum

<b>GUARANTEE:</b>	5 years
<b>ACCESSORIES (INSTALLATION):</b>	3508008 Surface mounting, 3508006 MEK 70 suspension rail bracket, 3508009 Horizontal wire bracket

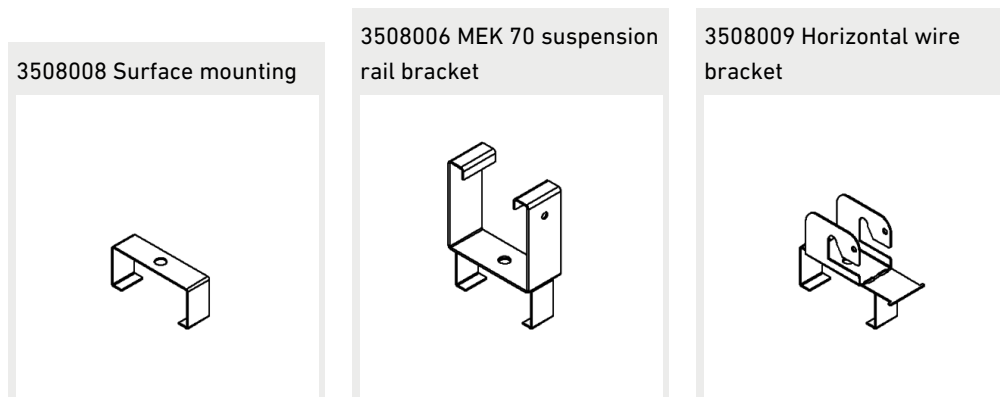
## Light distribution



## Dimensions



## Brackets



## Circuit breakers

	B10	B16	B20	C10	C16	C20
ECO E 34W IP44 ON/OFF	17	28	35	28	46	58
ECO E 34W IP44 DALI	18	30	37	31	50	62
ECO E 52W IP44 ON/OFF	17	28	35	28	46	58
ECO E 52W IP44 DALI	8	13	16	13	21	27
ECO E 68W IP44 ON/OFF	17	28	35	28	46	58
ECO E 68W IP44 DALI	8	13	16	13	21	27
ECO E 92W IP44 DALI	8	13	16	13	21	27

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