

Environmental Product Declaration

Declaration holder

Esse-Ci Srl

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DARE TO BE SUSTAINABLE

Esse-Ci is a leading company in the lighting industry, committed to creating innovative and sustainable solutions. The company combines modern and elegant design with high technical performance, offering products for a wide variety of applications, from offices and schools to museums and public infrastructure.

Environmental protection has always been at the heart of Esse-Ci's action plan. This philosophy translates into concrete actions that affect the entire life cycle of the products: from the choice of eco-compatible and recyclable materials, favoring those from responsible sources, to the constant

investment in research and development of innovative technologies to reduce energy consumption and CO2 emissions.

Esse-Ci products are designed to last a long time, reducing the need for frequent replacements and minimizing waste, and the company adopts optimized production processes to minimize environmental impact, with particular attention to the use of resources and energy waste. Through this approach, the company is committed to reducing the environmental impact of its products throughout their life cycle, because the future belongs to those who illuminate it with responsibility and sustainability.



RAW MATERIAL



RECYCLING



PRODUCTION



USAGE



DISTRIBUTION

To ensure maximum transparency and clearly communicate the environmental performance of our products, Esse-Ci uses Environmental Product Declarations (EPDs) that comply with international standards (EN ISO 14025). These declarations, based on the Life Cycle Assessment (LCA) methodology, provide detailed information on the environmental impact of our products throughout their entire life cycle.

OUR STRATEGY FOR THE ENVIRONMENT

ENERGY EFFICIENCY

We are committed to maximizing energy efficiency throughout the entire product life cycle by designing and manufacturing energy-efficient lighting fixtures.

RESPONSIBLE PROCUREMENT

We adopt a responsible procurement policy, favoring materials with a low environmental impact, from sustainable sources, recycled and recyclable.

ECO-FRIENDLY PRODUCTION PROCESSES

We optimize the use of energy resources, implement recycling practices and reduce waste emissions in our production processes

TRANSPARENT COMMUNICATION

We are committed to communicating our objectives, the measures taken and the results achieved in a transparent manner.



Reference standards for the EPD System:

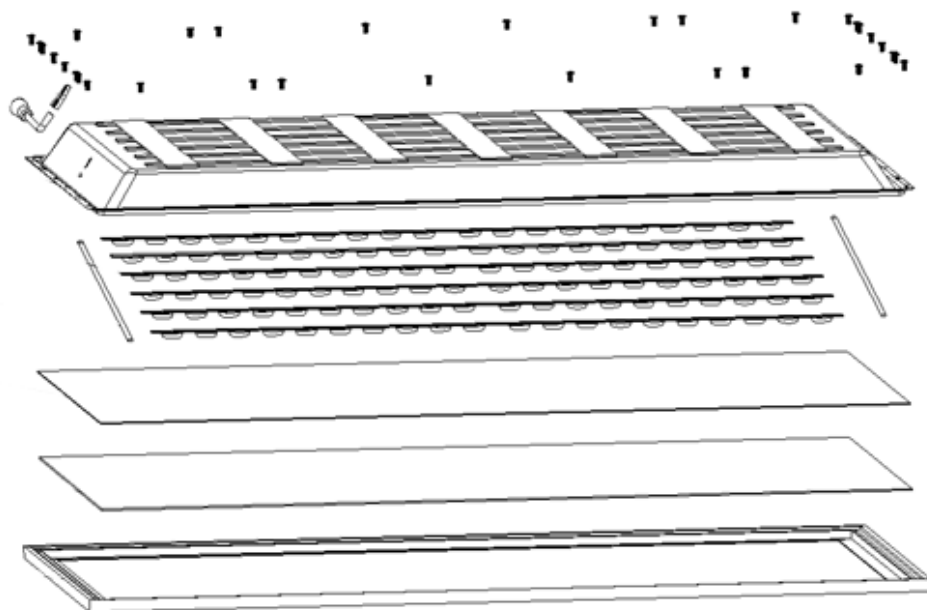
- **UNI ISO 14025:2006** - Environmental labels and declarations - Type III environmental declarations - Principles and procedures;
- **ISO 14040** - Environmental management - Life cycle assessment - Principles and framework;
- **ISO 14044** - Environmental management - Life cycle assessment - Requirements and guidelines.

41DPL18KyyE | ABSENT ESSENTIAL DPL

Diffuser with Diamond Prism LED (DPL) technology for controlled emission UGR<19.
18W | 295 x 295 lmm | 3000 - 4000K

YY = KELVIN

IP40



872,5 g
TOTAL WEIGHT

855,0 g
RECYCLABLE WEIGHT

98,00 %
RECOVERY RATE (%)

TABLE OF PRODUCT RECOVERY RATIO

ITEM	MAIN MATERIAL	WEIGHT	CHARACTER	PERCENT
1	Metal	477,5 g	Recyclable	95,0 %
2	Plastic	264 g	Recyclable	95,0 %
3	Cable	35 g	Recyclable	90,0 %
4	Packaging	78,5 g	Recyclable	95,0 %
5	Light Source	2,5 g	Unrecyclable	0 %
6	Painting	10 g	Unrecyclable	0 %
7	Others	5,0 g	Unrecyclable	0 %

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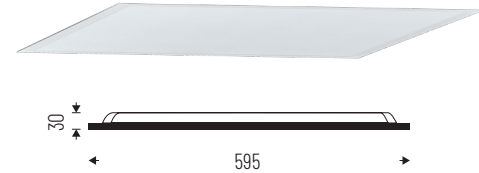
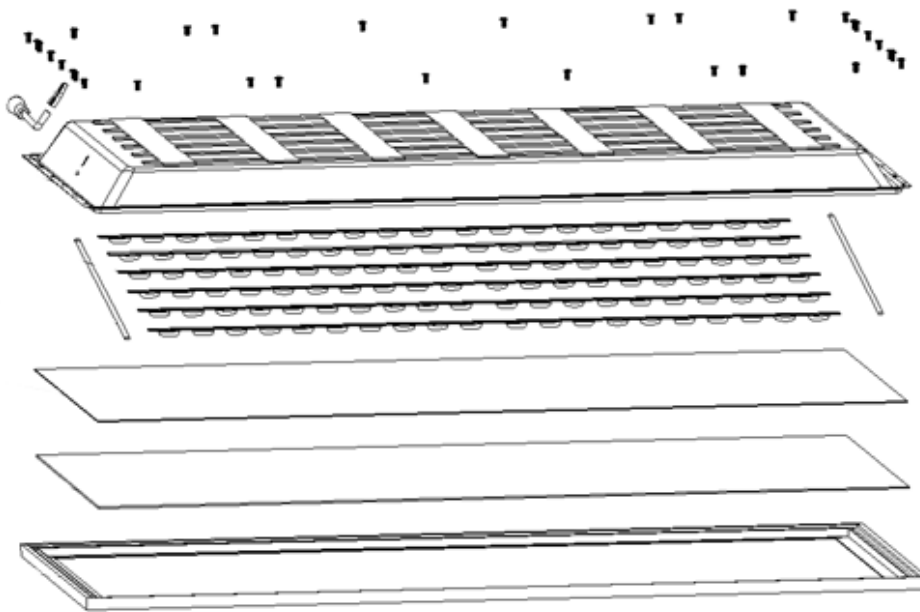
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41DPL22KyyEM3 | ABSENT ESSENTIAL DPL

Diffuser with Diamond Prism LED (DPL) technology for controlled emission UGR<19.
22W | 595 x 295 Imm | 3000 - 4000K

YY = KELVIN

IP40



884,5 g
TOTAL WEIGHT

864,5 g
RECYCLABLE WEIGHT

97,0 %
RECOVERY RATE (%)

TABLE OF PRODUCT RECOVERY RATIO

ITEM	MAIN MATERIAL	WEIGHT	CHARACTER	PERCENT
1	Metal	480 g	Recyclable	95,0 %
2	Plastic	262,5 g	Recyclable	95,0 %
3	Cable	35 g	Recyclable	90,0 %
4	Packaging	87 g	Recyclable	95,0 %
5	Light Source	5,0 g	Unrecyclable	0 %
6	Painting	10 g	Unrecyclable	0 %
7	Others	5,0 g	Unrecyclable	0 %

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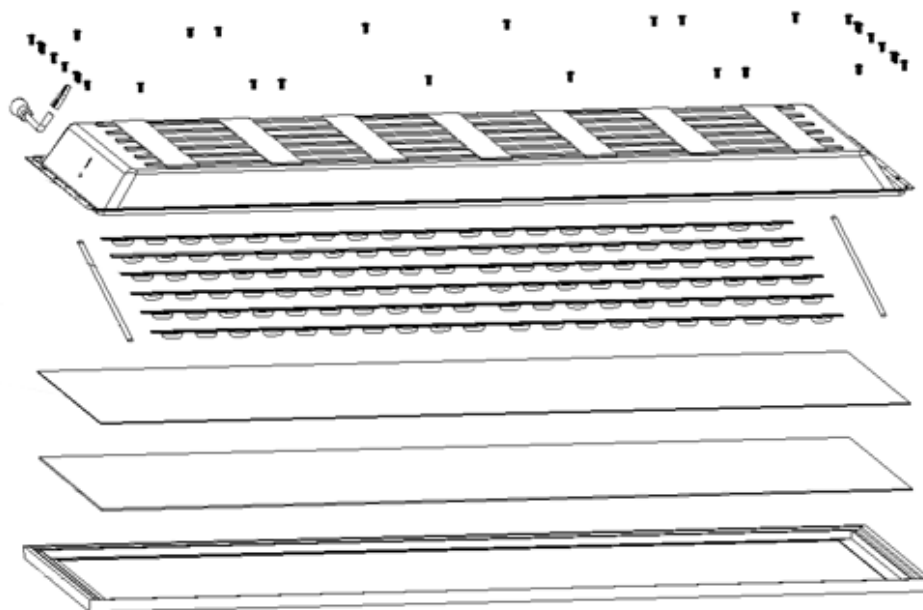
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41DPL36KyyE | ABSENT ESSENTIAL DPL

Diffuser with Diamond Prism LED (DPL) technology for controlled emission UGR<19.
36W | 595 x 595 Imm | 3000 - 4000K

YY = KELVIN

IP40



1745,0 g
TOTAL WEIGHT

1620,0 g
RECYCLABLE WEIGHT

92,80 %
RECOVERY RATE (%)

TABLE OF PRODUCT RECOVERY RATIO

ITEM	MAIN MATERIAL	WEIGHT	CHARACTER	PERCENT
1	Metal	955 g	Recyclable	95,0 %
2	Plastic	528 g	Recyclable	95,0 %
3	Cable	35 g	Recyclable	90,0 %
4	Packaging	192 g	Recyclable	95,0 %
5	Light Source	5,0 g	Unrecyclable	0 %
6	Painting	20 g	Unrecyclable	0 %
7	Others	10 g	Unrecyclable	0 %

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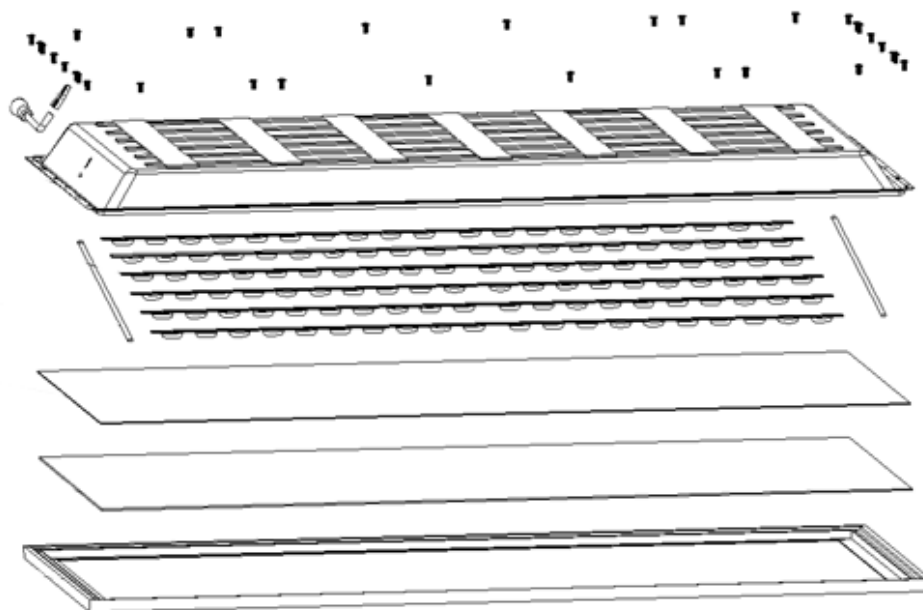
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41DPL36KyyEM3 | ABSENT ESSENTIAL DPL

Diffuser with Diamond Prism LED (DPL) technology for controlled emission UGR<19.
36W | 1195 x 295 lmm | 3000 - 4000K

YY = KELVIN

IP40



1769,0 g
TOTAL WEIGHT

1646,0 g
RECYCLABLE WEIGHT

93,0 %
RECOVERY RATE (%)

TABLE OF PRODUCT RECOVERY RATIO

ITEM	MAIN MATERIAL	WEIGHT	CHARACTER	PERCENT
1	Metal	960 g	Recyclable	95,0 %
2	Plastic	525 g	Recyclable	95,0 %
3	Cable	35 g	Recyclable	90,0 %
4	Packaging	214 g	Recyclable	95,0 %
5	Light Source	5,0 g	Unrecyclable	0 %
6	Painting	20 g	Unrecyclable	0 %
7	Others	10 g	Unrecyclable	0 %

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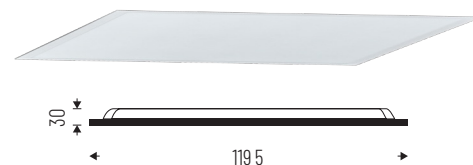
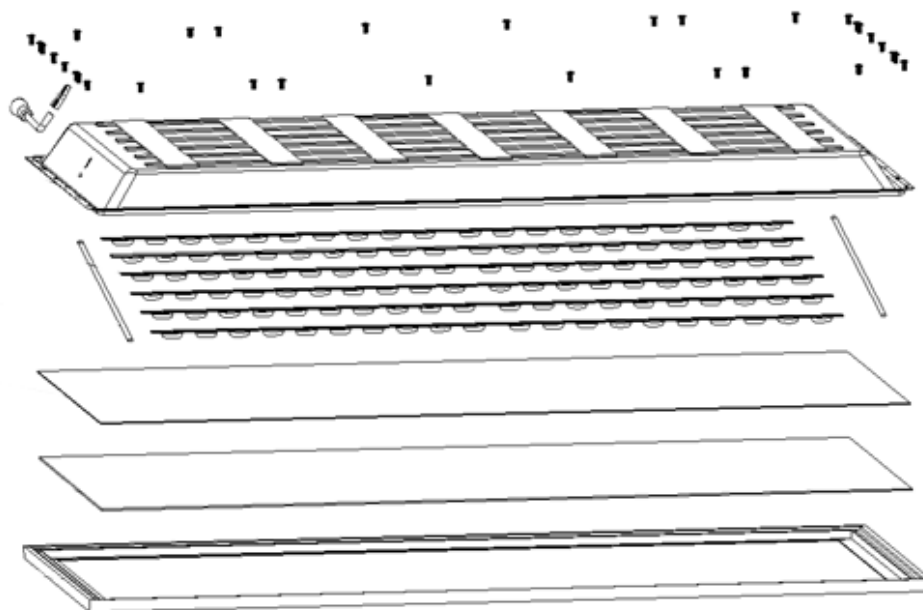
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41DPL60KyyEM6 | ABSENT ESSENTIAL **DPL**

Diffuser with Diamond Prism LED (DPL) technology for controlled emission UGR<19.
60W | 1195 x 595 lmm | 3000 - 4000K

YY = KELVIN

IP40



5080,0 g
TOTAL WEIGHT

4776,0 g
RECYCLABLE WEIGHT

94,0 %
RECOVERY RATE (%)

TABLE OF PRODUCT RECOVERY RATIO

ITEM	MAIN MATERIAL	WEIGHT	CHARACTER	PERCENT
1	Metal	2350 g	Recyclable	95,0 %
2	Plastic	1065 g	Recyclable	95,0 %
3	Cable	35 g	Recyclable	90,0 %
4	Packaging	1580 g	Recyclable	95,0 %
5	Light Source	10 g	Unrecyclable	0 %
6	Painting	30 g	Unrecyclable	0 %
7	Others	10 g	Unrecyclable	0 %

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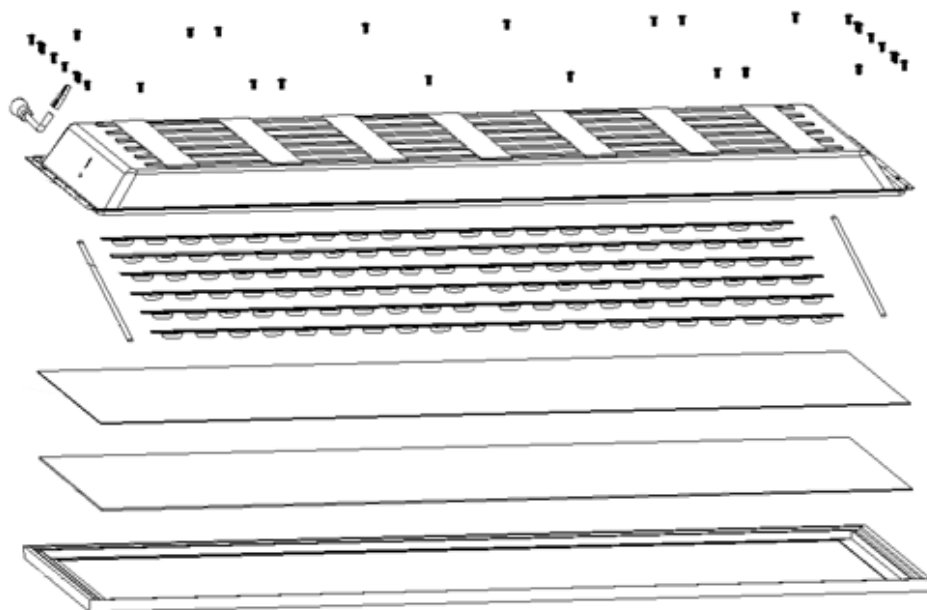
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41DPL58KyyEM3 | ABSENT ESSENTIAL DPL

Diffuser with Diamond Prism LED (DPL) technology for controlled emission UGR<19.
58W | 1495 x 295 Imm | 3000 - 4000K

YY = KELVIN

IP40



2.088,80 g
TOTAL WEIGHT

2.053,0 g
RECYCLABLE WEIGHT

98,29 %
RECOVERY RATE (%)

TABLE OF PRODUCT RECOVERY RATIO

ITEM	MAIN MATERIAL	WEIGHT	CHARACTER	PERCENT
1	Metal	1153 g	Recyclable	95,0 %
2	Plastic	635 g	Recyclable	95,0 %
3	Cable	35 g	Recyclable	90,0 %
4	Packaging	230 g	Recyclable	95,0 %
5	Light Source	5,8 g	Unrecyclable	0 %
6	Painting	20 g	Unrecyclable	0 %
7	Others	10 g	Unrecyclable	0 %