

## PRODUCT TECHNICAL DATA SHEET

**25-300W**

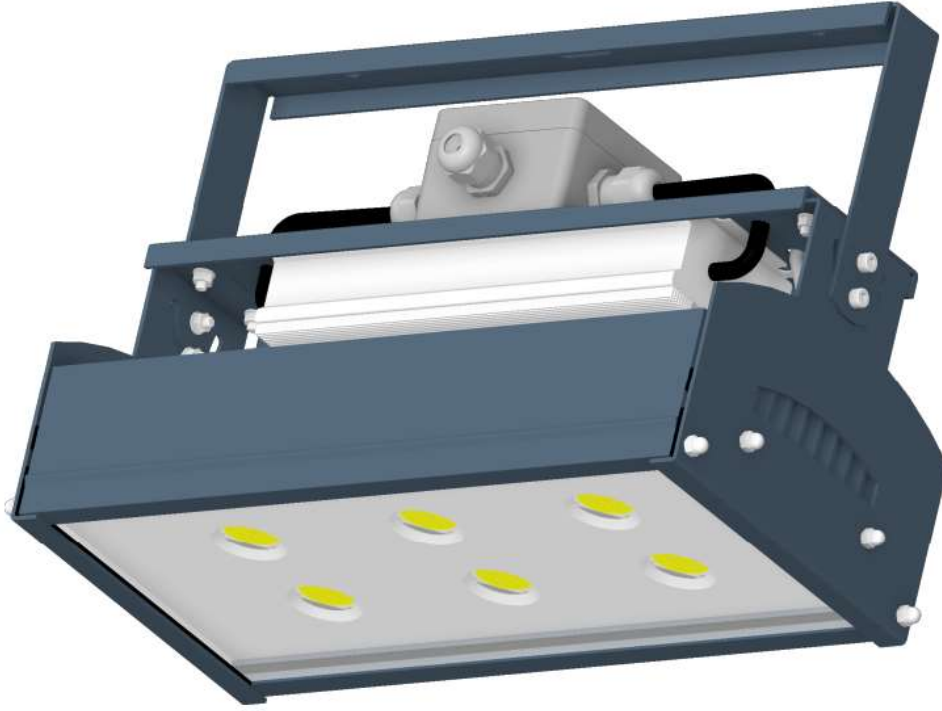
### LIGHTING FIXTURES (FLOODLIGHTS)



[www.secol.com.tr](http://www.secol.com.tr)

+90 224 443 05 84

Revision Date: 19/12/2024



#### Features

- High Power LED
- Long Working Life
- 50,000 hours of use
- Aluminum Body
- High Energy Savings
- Wide Illumination Angle
- 110 LM/W net efficiency
- All Color options
- High CRI
- Special Design COB LED
- IP65 Certified Case
- Environmentally friendly

EMC, LVD, CE Certified

#### Application Areas

- High Ceiling Lighting
- Street and Avenue Lighting
- Large Area, Square Lighting
- Industrial Facilities Environmental Lighting
- Iron Steel and Hot Production Areas
- Sports Fields and Large Areas
- Security and Environmental Lighting
- Road and Tunnel Lighting
- Salt and Chemicals Environments
- Plant Growth Applications
- Tour Aquariums

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### Electrical Properties

Code	Power (W)	Study Voltage (V)	DIM*	Light Flux Lumen (lm)**	Colour CCT (K)***	CRI
EP-25	25	100-240	0-10V	2750	6000	80
EP-50	50	100-240	0-10V	5000	6000	80
EP-100	100	100-240	0-10V	11000	6000	80
EP-200	200	100-240	0-10V	22000	6000	80
EP-300	300	100-240	0-10V	33000	6000	80

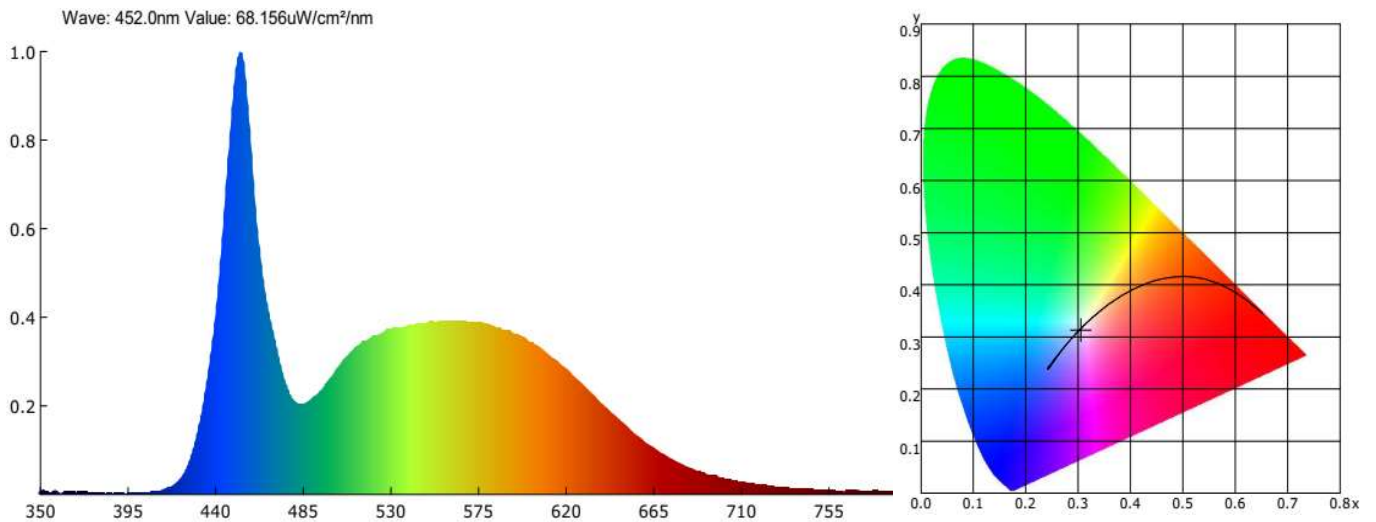
\* Alternatively Isolated 1-5V/1-10V/10V PWM/3-Time Dimmable.

\*\* You can contact our company for your requests regarding light values.

\*\*\* CCT values can be produced between 2500K - 25000K upon request.

Unless otherwise stated in electrical connections, connections are made according to the following colors.

Brown : L (Phase)  
Blue : N (Neutral)  
Yellow/green : Grounding  
Purple : Dim +  
Pink : Dim -  
Black/white : Programming



Note: Light spectrum may vary depending on CCT value.

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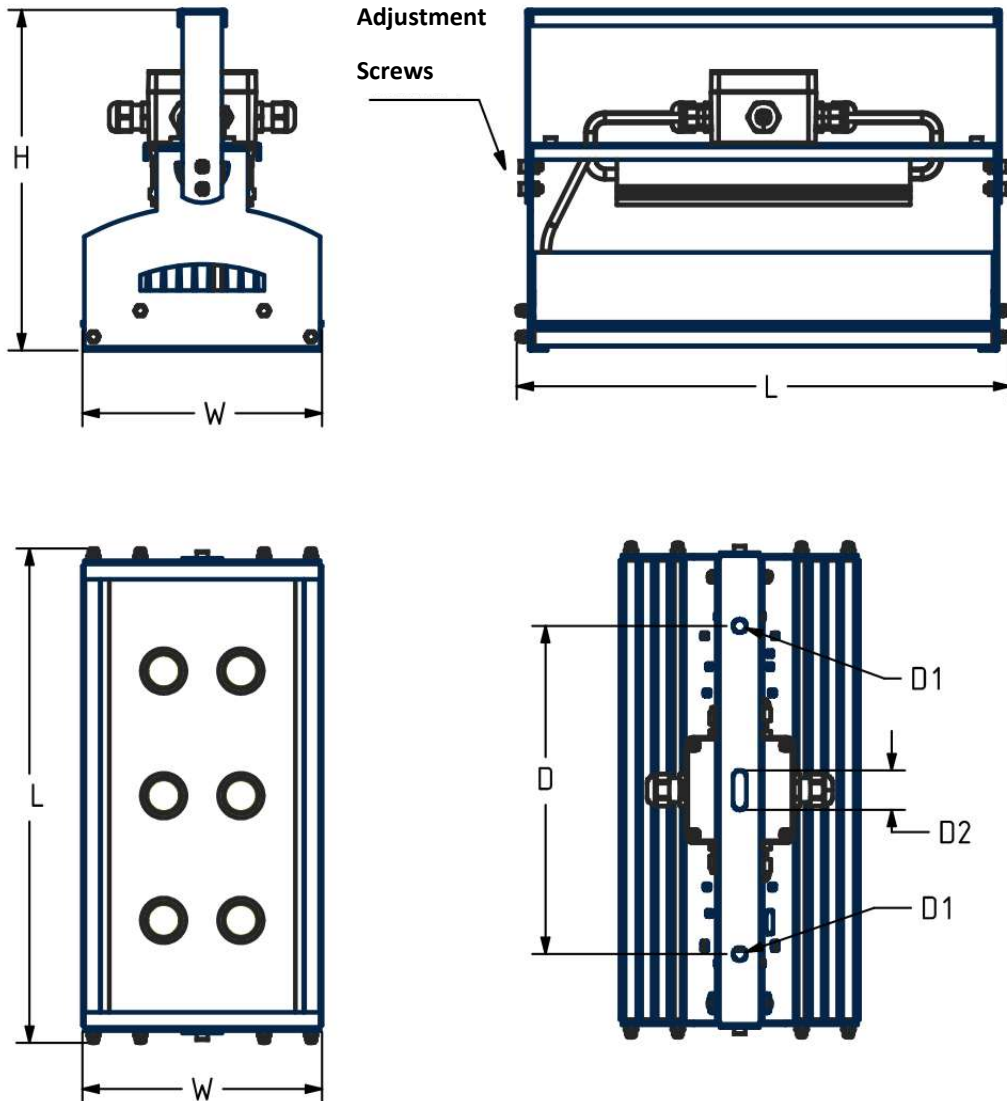


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### Mechanical Dimensions



CODE	H	L	W	D	D1	D2
EP-25	212	202	113	125	10	30
EP-50	227	202	149	125	10	30
EP-100	227	277	149	200	10	30
EP-200	229	377	169	250	10	30
EP-300	260	377	183	250	10	30

Dimensions are given in mm. Tolerance +/- 1 mm

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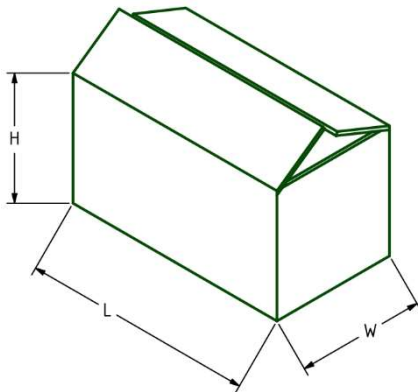
Body Type	: Aluminum Extrusion, cataphoresis painted, IP 65
Body Color	: RAL 7016 Anthracite Glossy Grey, RAL 9005 Glossy Black
Front Glass	: 4mm tempered
Working temperature	: -20 ° C , +40 ° C

It can be manufactured in different powers. In this case, there will be changes in dimensions.  
It is suitable for alternative connection by making changes in the handle part.

### Assembly

- It is recommended that the product be installed with a minimum clearance of 30 cm on all sides.
- The assembly is done through two oval holes of 10mm diameter and 30mm length located on the handle.
- It is recommended to use at least 2 Metric 8 (M8) screws for the connection.
- The lighting angle of the product can be adjusted using the handle adjustment screws.
- All screws should be tightened securely using appropriate wrenches.

### Packaging



CODE	L cm	W cm	H cm	WEIGHT kg
EP-25	23	22	22	2.9
EP-50	23	22	22	3.5
EP100	31	22	22	4.1
EP-200	41	24	25	5.5
EP-300	41	24	25	8

Note: Each fixture is packaged in a single box. The weight includes the box and 1 fixture.

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#### Caution

- A cable with a cross section of at least 1.5 mm<sup>2</sup> and a grounding connection must be used for the power connection. The supply voltage must be 230V AC unless otherwise on the luminaire label.
- Energy and internal connections are inside the terminal box located on the top of the luminaire.
- It can be used on wet surfaces. In case of improper connection and/or direct contact of the energy connection point with water, electric shocks may occur.
- Since the front part is glass, it may break when subjected to impact, and broken pieces may cause cuts, injuries or other hazards.
- The holes on the handle must be used for product assembly. The holes on the side covers of the product are also suitable for assembly purposes. These holes are also used for safety wire connection.