

Lighting  
is just the  
beginning

# Helvar Freedom Nodes

## LC25-FD-350-700

25 W Freedom controllable LED driver  
350 mA – 700 mA adjustable current output  
Lifetime (h): 60000  
Dimming range: 1% – 100%  
Product number: 5815000

### Operation conditions

Voltage range (V): 198–264  
DC range (V): 176–280  
Max temperature at Tc point (°C): 75  
Ambient temperature range: -25 °C .. +50 °C  
IP rating: IP20  
Lifetime (h): 60000



## LC35-FD-700-1050

35 W Freedom controllable LED driver  
700 mA – 1050 mA adjustable current output  
Lifetime (h): 60000  
Dimming range: 1% – 100%  
Product number: 5814000

### Operation conditions

Voltage range (V): 198–264  
DC range (V): 176–280  
Max temperature at Tc point (°C): 75  
Ambient temperature range: -25 °C .. +50 °C  
IP rating: IP20  
Lifetime (h): 60000



## LC50-FD-900-1400

50 W Freedom controllable LED driver  
900 mA – 1400 mA adjustable current output  
Lifetime (h): 50000  
Dimming range: 1% – 100%  
Product number: 5816000

### Operation conditions

Voltage range (V): 198–264  
DC range (V): 176–280  
Max temperature at Tc point (°C): 75  
Ambient temperature range: -25 °C .. +50 °C  
IP rating: IP20  
Lifetime (h): 50000







The future  
is wireless

# Helvar Freedom Drivers

## LL10-42-FD-120-350

42 W Freedom controllable LED driver  
120 mA – 350 mA adjustable current output  
Lifetime (h): 60000  
Dimming range: 1% – 100%  
Product number: 5810000

### Operation conditions

Voltage range (V): 198–264  
DC range (V): 176–280  
Max temperature at Tc point (°C): 75  
Ambient temperature range: -25 °C .. +50 °C  
IP rating: IP20  
Lifetime (h): 60000



## LL80-FD-350-700

80 W Freedom controllable LED driver  
350 mA – 700 mA adjustable current output  
Lifetime (h): 50000  
Dimming range: 1% – 100%  
Product number: 5813000

### Operation conditions

Voltage range (V): 198–264  
DC range (V): 176–280  
Max temperature at Tc point (°C): 75  
Ambient temperature range: -25 °C .. +50 °C  
IP rating: IP20  
Lifetime (h): 50000



## LL23-80-FD-150-350

80 W Freedom controllable LED driver  
150 mA – 350 mA adjustable current output  
Lifetime (h): 60000  
Dimming range: 1% – 100%  
Product number: 5812000

### Operation conditions

Voltage range (V): 198–264  
DC range (V): 176–280  
Max temperature at Tc point (°C): 75  
Ambient temperature range: -25 °C .. +50 °C  
IP rating: IP20  
Lifetime (h): 60000



## LL110-FD-350-700

110 W Freedom controllable LED driver  
350 mA – 700 mA adjustable current output  
Lifetime (h): 55000  
Dimming range: 1% – 100%  
Product number: 5811000

### Operation conditions

Voltage range (V): 198–264  
DC range (V): 176–280  
Max temperature at Tc point (°C): 75  
Ambient temperature range: -25 °C .. +50 °C  
IP rating: IP20  
Lifetime (h): 55000





