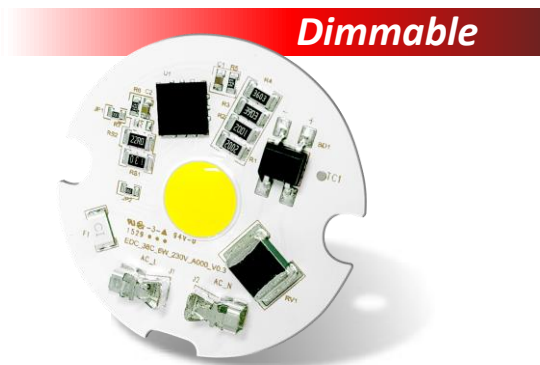




EggDrop®

*Innovative AC driving engine
for Down light & Spot light*



AC-ALL™, Lumens AC Driverless Modules/Engines, provides excellent solutions for lighting designers and manufacturers. It is designed to be run on AC direct current so as to bring you the most design flexibility. With its patented Dimming and Flicker reduction solutions, AC-ALL™ enables you to enhance the value of your lighting products the most. EggDrop® of the AC-ALL series is specially designed for Downlight, Spot light, etc. Built on Lumens Flip-chip COB and AC direct technology, EggDrop® can provide you a comprehensive solution to achieve an industry-leading combination of light quality and efficacy.

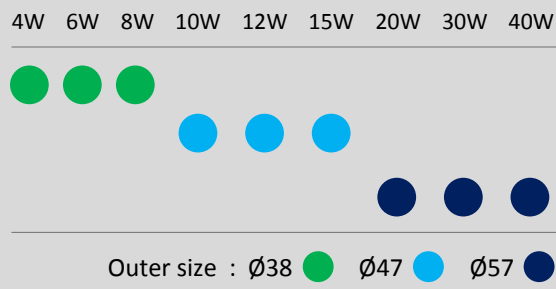
Features

- Wide Power Selection : 4W ~ 40W
- Designs for 230V
- Compatible with most TRIAC dimmers
- High Power Conversion Efficiency (>0.85)
- Thermal Shutdown Circuit embedded (150°C)
- High Power Factor (>0.95)
- Low THD (<20%)
- Zhaga Standard Mounting Holes

Applications

- Down Light
- Spot Light

Selection Guide



Electro-Optical Characteristics

Ø38 / 80Ra
(T_c=25°C)

Model No	SIZE [mm]	Power [W]	Lumen Output [lm]	Efficacy [lm/w]	CCT [K]	CRI [Ra]	Color Consist- ency [SDCM]	Input Voltage[V]
EDC/38C/4W/827/230V/A	Ø38(10)	4	360	90	2700	80+	3	230
EDC/38C/4W/830/230V/A	Ø38(10)	4	372	93	3000	80+	3	230
EDC/38C/4W/835/230V/A	Ø38(10)	4	380	95	3500	80+	3	230
EDC/38C/4W/840/230V/A	Ø38(10)	4	388	97	4000	80+	3	230
EDC/38C/4W/850/230V/A	Ø38(10)	4	400	100	5000	80+	3	230
EDC/38C/6W/827/230V/A	Ø38(10)	6	504	84	2700	80+	3	230
EDC/38C/6W/830/230V/A	Ø38(10)	6	522	87	3000	80+	3	230
EDC/38C/6W/835/230V/A	Ø38(10)	6	534	89	3500	80+	3	230
EDC/38C/6W/840/230V/A	Ø38(10)	6	546	91	4000	80+	3	230
EDC/38C/6W/850/230V/A	Ø38(10)	6	558	93	5000	80+	3	230
EDC/38C/8W/827/230V/A	Ø38(10)	8	664	83	2700	80+	3	230
EDC/38C/8W/830/230V/A	Ø38(10)	8	668	86	3000	80+	3	230
EDC/38C/8W/835/230V/A	Ø38(10)	8	704	88	3500	80+	3	230
EDC/38C/8W/840/230V/A	Ø38(10)	8	720	90	4000	80+	3	230
EDC/38C/8W/850/230V/A	Ø38(10)	8	736	92	5000	80+	3	230

- Note:
- 1. () LES Size (Light Emitting Surface)
 - 2. Typical Luminous Flux value / T_c=25 °C
 - 3. Accuracy : CRI (±3), lm (±3%), , Dimension (±0.3mm)
 - 4. Specifications can be changed without advance notice.
 - 5. Installation shall follow cautions and guidance that Lumens provides.

Electro-Optical Characteristics

Ø38 / 90Ra
(T_c=25°C)

Model No	SIZE [mm]	Power [W]	Lumen Output [lm]	Efficacy [lm/w]	CCT [K]	CRI [Ra]	Color Consist- ency [SDCM]	Input Voltage[V]
EDC/38C/4W/927/230V/A	Ø38(10)	4	304	76	2700	90+	3	230
EDC/38C/4W/930/230V/A	Ø38(10)	4	316	79	3000	90+	3	230
EDC/38C/4W/935/230V/A	Ø38(10)	4	324	81	3500	90+	3	230
EDC/38C/4W/940/230V/A	Ø38(10)	4	332	83	4000	90+	3	230
EDC/38C/4W/950/230V/A	Ø38(10)	4	340	85	5000	90+	3	230
EDC/38C/6W/927/230V/A	Ø38(10)	6	432	72	2700	90+	3	230
EDC/38C/6W/930/230V/A	Ø38(10)	6	444	74	3000	90+	3	230
EDC/38C/6W/935/230V/A	Ø38(10)	6	456	76	3500	90+	3	230
EDC/38C/6W/940/230V/A	Ø38(10)	6	468	78	4000	90+	3	230
EDC/38C/6W/950/230V/A	Ø38(10)	6	480	80	5000	90+	3	230
EDC/38C/8W/927/230V/A	Ø38(10)	8	568	71	2700	90+	3	230
EDC/38C/8W/930/230V/A	Ø38(10)	8	592	74	3000	90+	3	230
EDC/38C/8W/935/230V/A	Ø38(10)	8	608	76	3500	90+	3	230
EDC/38C/8W/940/230V/A	Ø38(10)	8	624	78	4000	90+	3	230
EDC/38C/8W/950/230V/A	Ø38(10)	8	640	80	5000	90+	3	230

- Note:
- 1. () LES Size (Light Emitting Surface)
 - 2. Typical Luminous Flux value / T_c=25 °C
 - 3. Accuracy : CRI (±3), lm (±3%), , Dimension (±0.3mm)
 - 4. Specifications can be changed without advance notice.
 - 5. Installation shall follow cautions and guidance that Lumens provides.

Electro-Optical Characteristics

Ø47 / 80Ra
(T_c=25°C)

Model No	SIZE [mm]	Power [W]	Lumen Output [lm]	Efficacy [lm/w]	CCT [K]	CRI [Ra]	Color Consist- ency [SDCM]	Input Voltage[V]
EDC/47C/10W/827/230V/A	Ø47(13)	10	900	90	2700	80+	3	230
EDC/47C/10W/830/230V/A	Ø47(13)	10	950	95	3000	80+	3	230
EDC/47C/10W/835/230V/A	Ø47(13)	10	970	97	3500	80+	3	230
EDC/47C/10W/840/230V/A	Ø47(13)	10	990	99	4000	80+	3	230
EDC/47C/10W/850/230V/A	Ø47(13)	10	1020	102	5000	80+	3	230
EDC/47C/12W/827/230V/A	Ø47(13)	12	1080	90	2700	80+	3	230
EDC/47C/12W/830/230V/A	Ø47(13)	12	1140	95	3000	80+	3	230
EDC/47C/12W/835/230V/A	Ø47(13)	12	1164	97	3500	80+	3	230
EDC/47C/12W/840/230V/A	Ø47(13)	12	1188	99	4000	80+	3	230
EDC/47C/12W/850/230V/A	Ø47(13)	12	1224	102	5000	80+	3	230
EDC/47C/15W/827/230V/A	Ø47(13)	15	1320	88	2700	80+	3	230
EDC/47C/15W/830/230V/A	Ø47(13)	15	1395	93	3000	80+	3	230
EDC/47C/15W/835/230V/A	Ø47(13)	15	1425	95	3500	80+	3	230
EDC/47C/15W/840/230V/A	Ø47(13)	15	1455	97	4000	80+	3	230
EDC/47C/15W/850/230V/A	Ø47(13)	15	1500	100	5000	80+	3	230

- 1. () LES Size (Light Emitting Surface)
- 2. Typical Luminous Flux value / Tc=25 °C
- 3. Accuracy : CRI (±3), lm (±3%), , Dimension (±0.3mm)
- 4. Specifications can be changed without advance notice.
- 5. Installation shall follow cautions and guidance that Lumens provides.

Note:

Electro-Optical Characteristics

Ø47 / 90Ra
(T_c=25°C)

Model No	SIZE [mm]	Power [W]	Lumen Output [lm]	Efficacy [lm/w]	CCT [K]	CRI [Ra]	Color Consist- ency [SDCM]	Input Voltage[V]
EDC/47C/10W/927/230V/A	Ø47(13)	10	770	77	2700	90+	3	230
EDC/47C/10W/930/230V/A	Ø47(13)	10	810	81	3000	90+	3	230
EDC/47C/10W/935/230V/A	Ø47(13)	10	830	83	3500	90+	3	230
EDC/47C/10W/940/230V/A	Ø47(13)	10	850	85	4000	90+	3	230
EDC/47C/10W/950/230V/A	Ø47(13)	10	870	87	5000	90+	3	230
EDC/47C/12W/927/230V/A	Ø47(13)	12	924	77	2700	90+	3	230
EDC/47C/12W/930/230V/A	Ø47(13)	12	972	81	3000	90+	3	230
EDC/47C/12W/935/230V/A	Ø47(13)	12	996	83	3500	90+	3	230
EDC/47C/12W/940/230V/A	Ø47(13)	12	1020	85	4000	90+	3	230
EDC/47C/12W/950/230V/A	Ø47(13)	12	1044	87	5000	90+	3	230
EDC/47C/15W/927/230V/A	Ø47(13)	15	1140	76	2700	90+	3	230
EDC/47C/15W/930/230V/A	Ø47(13)	15	1200	80	3000	90+	3	230
EDC/47C/15W/935/230V/A	Ø47(13)	15	1230	82	3500	90+	3	230
EDC/47C/15W/940/230V/A	Ø47(13)	15	1260	84	4000	90+	3	230
EDC/47C/15W/950/230V/A	Ø47(13)	15	1290	86	5000	90+	3	230

- Note:
- 1. () LES Size (Light Emitting Surface)
 - 2. Typical Luminous Flux value / T_c=25 °C
 - 3. Accuracy : CRI (±3), lm (±3%), , Dimension (±0.3mm)
 - 4. Specifications can be changed without advance notice.
 - 5. Installation shall follow cautions and guidance that Lumens provides.

Electro-Optical Characteristics

Ø57 / 80Ra
(T_c=25°C)

Model No	SIZE [mm]	Power [W]	Lumen Output [lm]	Efficacy [lm/w]	CCT [K]	CRI [Ra]	Color Consist- ency [SDCM]	Input Voltage[V]
EDC/57C/20W/827/230V/A	Ø57(14)	20	1760	88	2700	80+	3	230
EDC/57C/20W/830/230V/A	Ø57(14)	20	1860	93	3000	80+	3	230
EDC/57C/20W/835/230V/A	Ø57(14)	20	1900	95	3500	80+	3	230
EDC/57C/20W/840/230V/A	Ø57(14)	20	1940	97	4000	80+	3	230
EDC/57C/20W/850/230V/A	Ø57(14)	20	2000	100	5000	80+	3	230
EDC/57C/30W/827/230V/A	Ø57(21)	30	2700	90	2700	80+	3	230
EDC/57C/30W/830/230V/A	Ø57(21)	30	2850	95	3000	80+	3	230
EDC/57C/30W/835/230V/A	Ø57(21)	30	2910	97	3500	80+	3	230
EDC/57C/30W/840/230V/A	Ø57(21)	30	2970	99	4000	80+	3	230
EDC/57C/30W/850/230V/A	Ø57(21)	30	3060	102	5000	80+	3	230
EDC/57C/40W/827/230V/A	Ø57(21)	40	3520	88	2700	80+	3	230
EDC/57C/40W/830/230V/A	Ø57(21)	40	3720	93	3000	80+	3	230
EDC/57C/40W/835/230V/A	Ø57(21)	40	3800	95	3500	80+	3	230
EDC/57C/40W/840/230V/A	Ø57(21)	40	3880	97	4000	80+	3	230
EDC/57C/40W/850/230V/A	Ø57(21)	40	4000	100	5000	80+	3	230

- Note:
- 1. () LES Size (Light Emitting Surface)
 - 2. Typical Luminous Flux value / T_c=25 °C
 - 3. Accuracy : CRI (±3), lm (±3%), , Dimension (±0.3mm)
 - 4. Specifications can be changed without advance notice.
 - 5. Installation shall follow cautions and guidance that Lumens provides.

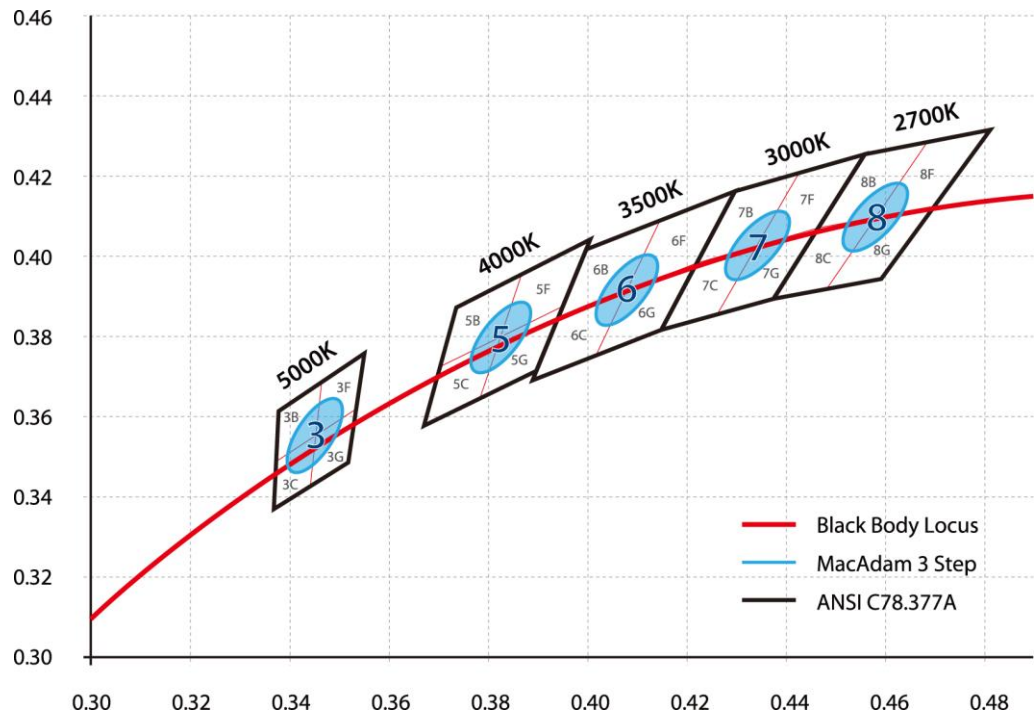
Electro-Optical Characteristics

Ø57 / 90Ra
(T_c=25°C)

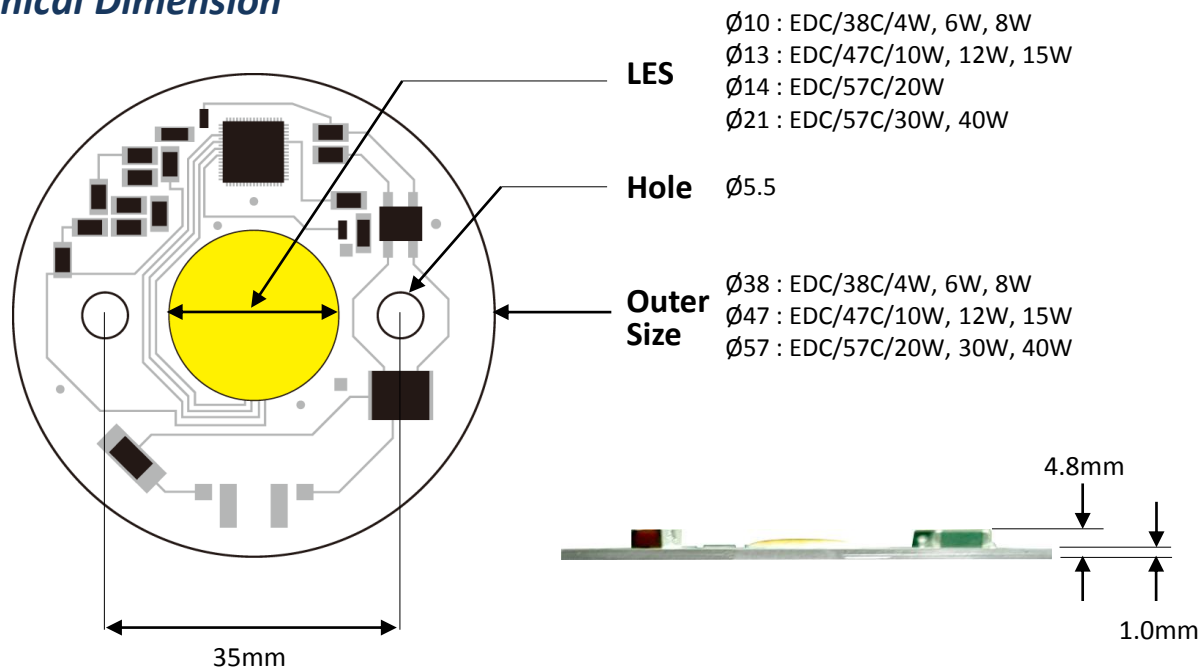
Model No	SIZE [mm]	Power [W]	Lumen Output [lm]	Efficacy [lm/w]	CCT [K]	CRI [Ra]	Color Consist- ency [SDCM]	Input Voltage[V]
EDC/57C/20W/927/230V/A	Ø57(14)	20	1520	76	2700	90+	3	230
EDC/57C/20W/930/230V/A	Ø57(14)	20	1600	80	3000	90+	3	230
EDC/57C/20W/935/230V/A	Ø57(14)	20	1640	82	3500	90+	3	230
EDC/57C/20W/940/230V/A	Ø57(14)	20	1680	84	4000	90+	3	230
EDC/57C/20W/950/230V/A	Ø57(14)	20	1720	86	5000	90+	3	230
EDC/57C/30W/927/230V/A	Ø57(21)	30	2310	77	2700	90+	3	230
EDC/57C/30W/930/230V/A	Ø57(21)	30	2430	81	3000	90+	3	230
EDC/57C/30W/935/230V/A	Ø57(21)	30	2490	83	3500	90+	3	230
EDC/57C/30W/940/230V/A	Ø57(21)	30	2550	85	4000	90+	3	230
EDC/57C/30W/950/230V/A	Ø57(21)	30	2610	87	5000	90+	3	230
EDC/57C/40W/927/230V/A	Ø57(21)	40	3040	76	2700	90+	3	230
EDC/57C/40W/930/230V/A	Ø57(21)	40	3200	80	3000	90+	3	230
EDC/57C/40W/935/230V/A	Ø57(21)	40	3280	82	3500	90+	3	230
EDC/57C/40W/940/230V/A	Ø57(21)	40	3360	84	4000	90+	3	230
EDC/57C/40W/950/230V/A	Ø57(21)	40	3440	86	5000	90+	3	230

- Note:
- 1. () LES Size (Light Emitting Surface)
 - 2. Typical Luminous Flux value / T_c=25 °C
 - 3. Accuracy : CRI (±3), lm (±3%), , Dimension (±0.3mm)
 - 4. Specifications can be changed without advance notice.
 - 5. Installation shall follow cautions and guidance that Lumens provides.

Chromaticity Binning



Mechanical Dimension



Optional Items

