

LUMENS | 2025
Leading the LED Revolution | PRODUCT CATALOGUE



LUMENS

Leading the LED Revolution

2004년에 설립된 루멘스는 차세대 광원으로 주목받는 LED 기술을 보유한 글로벌 LED 기업입니다. 루멘스는 LCD TV용 LED BLU 모듈 양산에 최초로 성공하며 TV, 노트북, 모바일 등 디스플레이 분야에서 폭발적인 성장을 이루었으며, 조명 및 차량용 LED 분야로 사업 영역을 확장하였습니다.

루멘스는 새로운 LED 기술혁명을 준비하고 있습니다. 차세대 디스플레이 기술인 마이크로 LED는 100 마이크로미터 (μm) 이하로 구현되는 초소형 LED입니다. 마이크로 LED는 디스플레이의 크기, 형태, 해상도에 제약이 없으며, OLED 대비하여 뛰어난 발광 효율과 내구성을 자랑합니다.

루멘스의 역사는 ‘혁신’ 과 ‘도전’의 연속이었습니다. LED를 넘어선 가치를 창출하기 위해서 루멘스는 끊임없는 시장 선도적 연구 개발을 통해 세계 최고의 글로벌 기술 선도 기업으로 도약 할 것입니다.

Business Portfolio



IT

BLU for LCD TV, Monitor
LED for IT applications



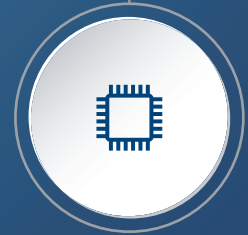
Automotive

LEDs for Automotive applications ; Turn signal lamp, tail lamp, fog lamp, Indoor lamp



Lighting

High/Middle/Low power LEDs and LED Modules for various lighting applications



Micro LED

Panels for Micro LED display applications ; Automotive HUD, HMD, VR/AR device, Pico projector

Vertical Integration

EPI / CHIP



LED Chip

LED Chip Development
World's 1st Silver-free Flip Chip

Package



LED Package

Global LED Supplier
Expertise in Flip-chip LEDs

Module



LED Module

AC Direct LED Modules
Flicker Reduction Solutions

Luminaire



Light Guide Plate

World's biggest LGP
Manufacturer

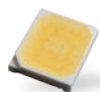
Ergon® PKG

High Performance and Voltage Options



- 다양한 패키지 사이즈와 전압 옵션으로 디자인 설계 용이
- 고연색성 및 고효율 Solution으로 다양한 어플리케이션에 적용 가능

2835 Series



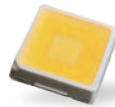
Model	Part Number	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (V)	Forward Current (Typ / Max.mA)
2835S2	LM2835S2WxxxD05	2.8x3.5x0.7	80	5000	0.2	30	160	3	65 / 180
	LM2835S2WxxxD06	2.8x3.5x0.7	80	5000	0.2	31	162	3	65 / 180
	LM2835S2WxxxD07	2.8x3.5x0.7	80	5000	0.2	32	167	3	65 / 180
	LM2835S2WxxxD08	2.8x3.5x0.7	80	5000	0.2	35	191	3	65 / 180
	LM2835S2WxxxD09	2.8x3.5x0.7	80	5000	0.2	37	205	3	65 / 180
	LM2835S2WxxXM09	2.8x3.5x0.7	80	5000	0.2	36	202	3	65 / 180
2835S3	LM2835S3WxxXH03	2.8x3.5x0.7	80	5000	0.9	125	132	6	150 / 180
	LM2835S3WxxXH04	2.8x3.5x0.7	80	5000	0.9	127	136	6	150 / 180
	LM2835S3WxxXH05	2.8x3.5x0.7	80	5000	0.9	135	148	6	150 / 180
2835S4	LM2835S4WxxXH04	2.8x3.5x0.7	80	5000	0.9	128	145	9	100 / 180
	LM2835S4WxxXH05	2.8x3.5x0.7	80	5000	0.9	130	150	9	100 / 180
	LM2835S4WxxXH06	2.8x3.5x0.7	80	5000	0.9	150	170	9	100 / 180
	LM2835S4WxxXH07	2.8x3.5x0.7	80	5000	0.9	155	178	9	100 / 180
2835S5	LM2835S5WxxXH04	2.8x3.5x0.7	80	5000	0.9	125	135	18	50 / 80
	LM2835S5WxxXH05	2.8x3.5x0.7	80	5000	0.9	135	150	18	50 / 80

5630 Series



Model	Part Number	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (V)	Forward Current (Typ / Max.mA)
5630L5	LM5630S2WxxXL5	5.6x3.0x0.9	80	5000	0.2	36	195	3	65 / 270
5630L6	LM5630S2WxxXL6	5.6x3.0x0.9	80	5000	0.2	37	208	3	65 / 270

3030 Series



Spot Light



Downlight



Bulb



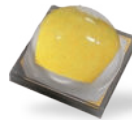
Tube Light



Panel Light

Model	Part Number	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (V)	Forward Current (Typ / Max.mA)
3030S2	LM3030S2WxxxA03	3.0x3.0x0.75	80	5000	0.2	39.5	223	3	65 / 200
3030S2	LM3030S2WxxxB03	3.0x3.0x0.75	80	5000	0.2	39.5	223	3	65 / 200

3535 Series



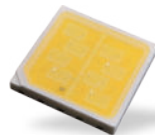
High Bay



Street Light

Model	Part Number	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (V)	Forward Current (Typ / Max.mA)
3535S2	LH3535S2WxxxA02	3.5x3.5x2.35	80	5000	1.0	155	155	3	350 / 1,500
	LH3535S2WxxxA03	3.5x3.5x2.35	80	5000	2.1	350	167	3	700 / 2,000

5050 Series



High Bay



Street Light

Model	Part Number	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (V)	Forward Current (Typ / Max.mA)
5050S3	LH5050S3WxxxB03	5.0x5.0x0.7	80	5000	3.9	600	154	6	640 / 1,000
5050S7	LH5050S7WxxxB03	5.0x5.0x0.7	80	5000	3.9	650	166	24	160 / 220

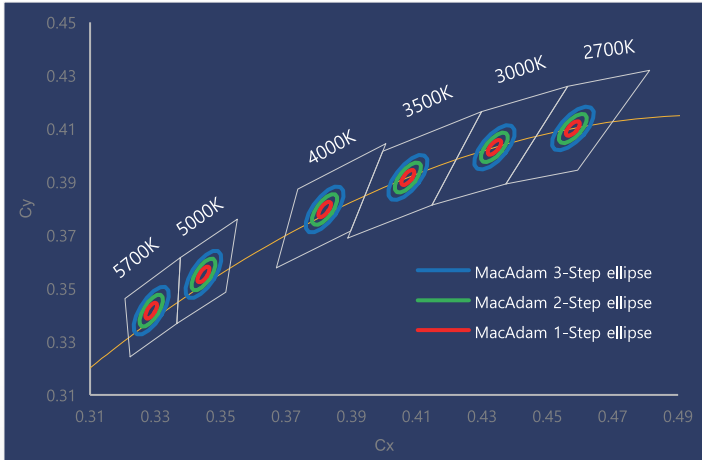
Note 1. Typical luminous flux value, Tc=25°C
2. Available in various CCTs (2,700K ~ 6,500K)

Ergon® COB

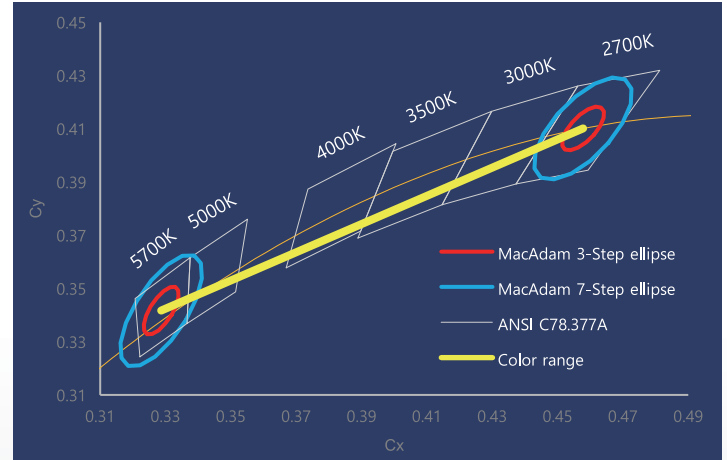
Compact Size and High Performance



- 콤팩트한 디자인과 MacAdam 3, 2, 1-Step ellipse 가능
- 단일 광원으로 다양한 색온도 구현 (5700K ~ 2700K)



[MacAdam Ellipse]

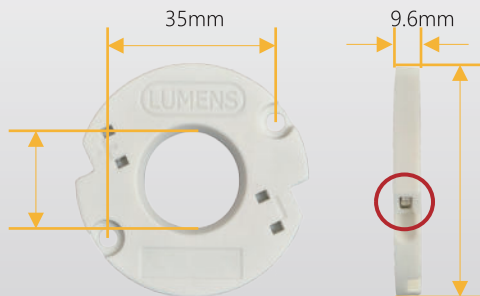


[CCT Conversion]

DC COB 전용 약세사리 (Holder / Wire)

LES Size

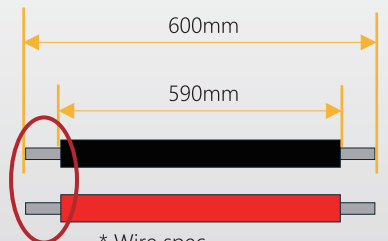
ERC 13xx : $\Phi 11.7$
ERC 20xx : $\Phi 17.5$
ERC 30xx : $\Phi 21.0$



[Holder]

Holder Size

ERC 13xx : 40mm
ERC 20xx : 40mm
ERC 30xx : 40mm



* Wire spec
- T= $\Phi 2.6$ mm
- 20AWG / 600V, 105°C



전선 한쪽에 솔더링 처리가 되어 있어
전용 홀더에 손쉽게 결착이 가능

[Wire]

ERC H2 Series

Compact Size and Power Line-up



Spot Light



Downlight



Bulb

Model	Part Number	Dimension (mm)	LES (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (V)	Forward Current (Typ / Max.mA)
1304H2	1304H2WxxxV01	13.4x13.4	Φ 4.3	80	3000	7.6	710	94	36	200 / 300
	1304H2WxxxV01	13.4x13.4	Φ 4.3	80	5000	7.6	760	100	36	200 / 300
1309H2	1309H2WxxxV01	13.5x13.5	Φ 9.1	80	3000	9.2	1,420	154	36	270 / 500
	1309H2WxxxV01	13.5x13.5	Φ 9.1	80	5000	9.2	1,520	166	36	270 / 500
1318H2	1318H2WxxxV01	13.5x13.5	Φ 9.1	80	3000	17.8	2,500	141	36	500 / 700
	1318H2WxxxV01	13.5x13.5	Φ 9.1	80	5000	17.8	2,720	153	36	500 / 700
2020H2	2020H2WxxxV01	19.0x19.0	Φ 13.8	80	3000	19.9	3,030	152	36	580 / 900
	2020H2WxxxV01	19.0x19.0	Φ 13.8	80	5000	19.9	3,240	163	36	580 / 900
2025H2	2025H2WxxxV01	19.0x19.0	Φ 13.8	80	3000	24.5	3,710	151	36	700 / 1,050
	2025H2WxxxV01	19.0x19.0	Φ 13.8	80	5000	24.5	3,960	162	36	700 / 1,050
2032H2	2032H2WxxxV01	19.0x19.0	Φ 13.8	80	3000	31.5	4,760	151	36	900 / 1,200
	2032H2WxxxV01	19.0x19.0	Φ 13.8	80	5000	31.5	5,060	161	36	900 / 1,200
2040H2	2040H2WxxxV01	19.0x19.0	Φ 13.8	80	3000	42.5	6,540	154	36	1,200 / 1,400
	2040H2WxxxV01	19.0x19.0	Φ 13.8	80	5000	42.5	6,930	163	36	1,200 / 1,400
3040H2	3040H2WxxxV01	28.0x28.0	Φ 20.0	80	3000	35.9	6,430	175	36	1,500 / 1,500
	3040H2WxxxV01	28.0x28.0	Φ 20.0	80	5000	35.9	6,770	185	36	1,500 / 1,500



ERC Dual Series

DC COB with Color conversion



Spot Light



Downlight



Bulb

Model	Part Number	Dimension (mm)	LES (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (V)	Forward Current (Typ / Max.mA)
1312M2	1312M282757A	13.5x13.5	Φ 9.1	80	2700~5700	12.7	1,600/1,800	126 / 142	36	350 / 500
	1312M292757A	13.5x13.5	Φ 9.1	90	2700~5700	12.7	1,390/1,600	110 / 126	36	350 / 500
2020M2	2020M282757A	19.0x19.0	Φ 12.5	80	2700~5700	17.4	2,585/2,870	149 / 165	36	500 / 900
	2020M292757A	19.0x19.0	Φ 12.5	90	2700~5700	17.4	2,220/2,570	128 / 148	36	500 / 900
	2020M283040A	19.0x19.0	Φ 12.5	80	3000~4000	17.4	2,710/2,920	156 / 168	36	500 / 900

Note 1. Typical luminous flux value, Tj=85℃
2. Available in various CCTs (2,700K ~ 6,500K)

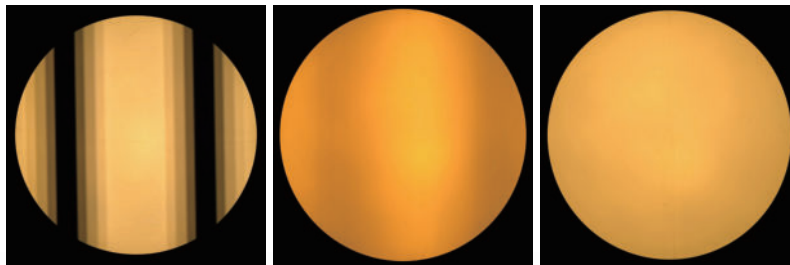
EggDrop COB

New compact AC-driven Power with Perfect Flicker Control



- DC 컨버터 없이 바로 AC 전원에 연결 가능
- Flicker-free 기반의 고효율 AC 모듈제품

Flicker Reduction Solution



100%

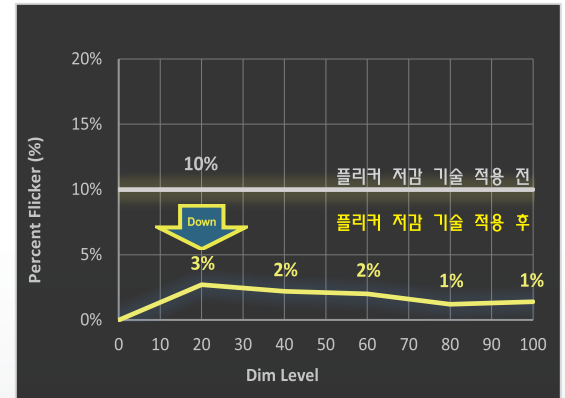
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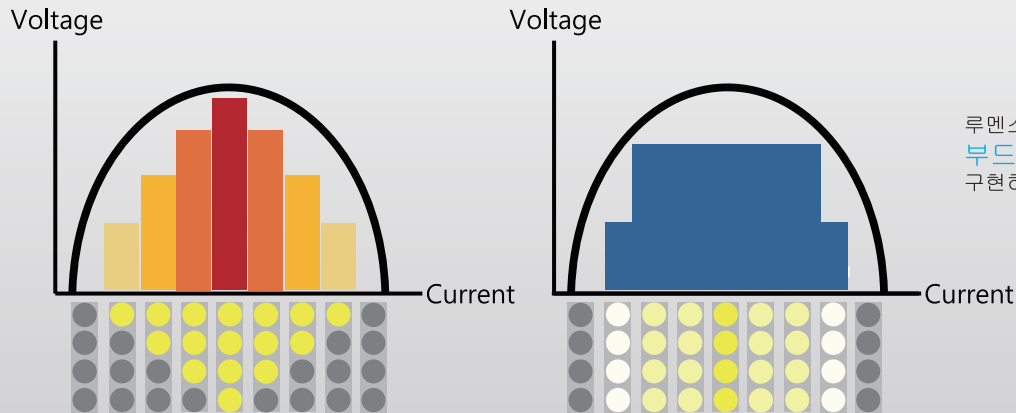
Normal AC Module

New AC Module

루멘스는 **플리커 저감 솔루션**을 통해 일반적인 AC 모듈에서 나타나는 플리커 현상을 획기적으로 개선하였습니다.



Perfect Uniform Dimming Control



루멘스 AC 모듈은 LED들을 동시에 제어하여, **부드럽고 자연스러운 디밍** 효과를 구현하였습니다.

EDC G3 Series

High Performance and Reliability



Spot Light



Downlight



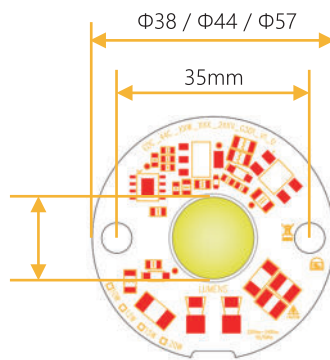
Ceiling Light

Model	Dimension (mm)	LES (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (Vac)	Operating Frequency (Hz)
EDC_38C_4W_830_230V_G301	Φ38	Φ11.5	80	3000	4	420	105	220 / 230	50 / 60
EDC_38C_4W_850_230V_G301	Φ38	Φ11.5	80	5000	4	480	120	220 / 230	50 / 60
EDC_38C_6W_830_230V_G301	Φ38	Φ11.5	80	3000	6	630	105	220 / 230	50 / 60
EDC_38C_6W_850_230V_G301	Φ38	Φ11.5	80	5000	6	720	120	220 / 230	50 / 60
EDC_38C_8W_830_230V_G301	Φ38	Φ11.5	80	3000	8	840	105	220 / 230	50 / 60
EDC_38C_8W_850_230V_G301	Φ38	Φ11.5	80	5000	8	960	120	220 / 230	50 / 60
EDC_38C_10W_830_230V_G301	Φ38	Φ11.5	80	3000	10	1,050	105	220 / 230	50 / 60
EDC_38C_10W_850_230V_G301	Φ38	Φ11.5	80	5000	10	1,200	120	220 / 230	50 / 60
EDC_44C_10W_830_230V_G301	Φ44	Φ16.0	80	3000	10	1,300	130	220 / 230	50 / 60
EDC_44C_10W_850_230V_G301	Φ44	Φ16.0	80	5000	10	1,500	150	220 / 230	50 / 60
EDC_44C_15W_830_230V_G301	Φ44	Φ16.0	80	3000	15	1,950	130	220 / 230	50 / 60
EDC_44C_15W_850_230V_G301	Φ44	Φ16.0	80	5000	15	2,250	150	220 / 230	50 / 60
EDC_44C_20W_830_230V_G301	Φ44	Φ16.0	80	3000	20	2,600	130	220 / 230	50 / 60
EDC_44C_20W_850_230V_G301	Φ44	Φ16.0	80	5000	20	3,000	150	220 / 230	50 / 60
EDC_57C_25W_830_230V_G301	Φ57	Φ18.0	80	3000	25	3,250	130	220 / 230	50 / 60
EDC_57C_25W_850_230V_G301	Φ57	Φ18.0	80	5000	25	3,750	150	220 / 230	50 / 60
EDC_57C_30W_830_230V_G301	Φ57	Φ18.0	80	5000	30	3,900	130	220 / 230	50 / 60
EDC_57C_30W_850_230V_G301	Φ57	Φ18.0	80	5000	30	4,500	150	220 / 230	50 / 60

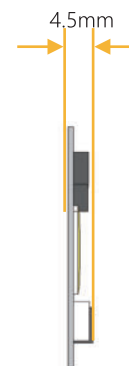
● Outline Dimensions

LES Size

EDC 38C : Φ11.5
EDC 44C : Φ16.0
EDC 57C : Φ18.0



[PCB 전면부]



[PCB 측면부]

Note 1. Typical luminous flux value, Tc=25°C
2. Available in various CCTs (2,700K ~ 6,500K)

EDC F2 Series

Generation2 with Flicker-free



Spot Light



Downlight



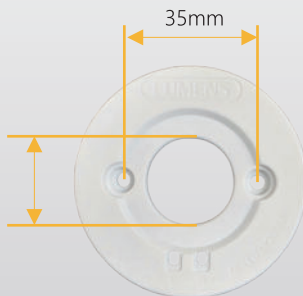
Ceiling Light

Model	Dimension (mm)	LES (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (Vac)	Operating Frequency (Hz)
EDC_38C_4W_830_230V_F201	Φ38	Φ11.5	80	3000	4	400	100	220 / 230	50 / 60
EDC_38C_4W_850_230V_F201	Φ38	Φ11.5	80	5000	4	460	115	220 / 230	50 / 60
EDC_38C_6W_830_230V_F201	Φ38	Φ11.5	80	3000	6	600	100	220 / 230	50 / 60
EDC_38C_6W_850_230V_F201	Φ38	Φ11.5	80	5000	6	690	115	220 / 230	50 / 60
EDC_38C_8W_830_230V_F201	Φ38	Φ11.5	80	3000	8	800	100	220 / 230	50 / 60
EDC_38C_8W_850_230V_F201	Φ38	Φ11.5	80	5000	8	920	115	220 / 230	50 / 60
EDC_38C_10W_830_230V_F201	Φ38	Φ11.5	80	3000	10	1000	100	220 / 230	50 / 60
EDC_38C_10W_850_230V_F201	Φ38	Φ11.5	80	5000	10	1150	115	220 / 230	50 / 60
EDC_47C_4W_830_230V_F201	Φ47	Φ16.0	80	3000	4	420	105	220 / 230	50 / 60
EDC_47C_4W_850_230V_F201	Φ47	Φ16.0	80	5000	4	480	120	220 / 230	50 / 60
EDC_47C_6W_830_230V_F201	Φ47	Φ16.0	80	3000	6	630	105	220 / 230	50 / 60
EDC_47C_6W_850_230V_F201	Φ47	Φ16.0	80	5000	6	720	120	220 / 230	50 / 60
EDC_47C_8W_830_230V_F201	Φ47	Φ16.0	80	3000	8	840	105	220 / 230	50 / 60
EDC_47C_8W_850_230V_F201	Φ47	Φ16.0	80	5000	8	960	120	220 / 230	50 / 60
EDC_47C_10W_830_230V_F201	Φ47	Φ16.0	80	3000	10	1,050	105	220 / 230	50 / 60
EDC_47C_10W_850_230V_F201	Φ47	Φ16.0	80	5000	10	1,200	120	220 / 230	50 / 60
EDC_57C_10W_830_230V_F201	Φ57	Φ18.0	80	3000	10	1,050	105	220 / 230	50 / 60
EDC_57C_10W_850_230V_F201	Φ57	Φ18.0	80	5000	10	1,200	120	220 / 230	50 / 60
EDC_57C_12W_830_230V_F201	Φ57	Φ18.0	80	3000	12	1,260	105	220 / 230	50 / 60
EDC_57C_12W_850_230V_F201	Φ57	Φ18.0	80	5000	12	1,440	120	220 / 230	50 / 60
EDC_57C_15W_850_230V_F201	Φ57	Φ18.0	80	5000	15	1,575	105	220 / 230	50 / 60
EDC_57C_15W_830_230V_F201	Φ57	Φ18.0	80	3000	15	1,800	120	220 / 230	50 / 60

AC COB 전용 약세사리 (Holder / Thermal Pad)

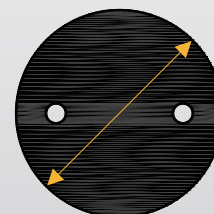
LES Size

EDC 33C : Φ7.2
EDC 38C : Φ11.6
EDC 44C : Φ16.2
EDC 47C : Φ16.2
EDC 57C : Φ18.7



Holder size

EDC 33C : 35.6mm
EDC 38C : 40.6mm
EDC 44C : 49.6mm
EDC 47C : 49.6mm
EDC 57C : 59.6mm



Thermal pad size

EDC 33C : Φ39
EDC 38C : Φ44
EDC 44C : Φ53
EDC 47C : Φ53
EDC 57C : Φ63

T= 0.06mm
Color = Black

EDC F3 Series

Generation3 with Flicker-free



Spot Light



Downlight

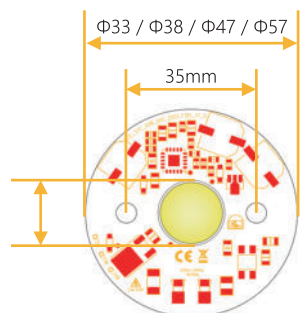


Ceiling Light

Model	Dimension (mm)	LES (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (Vac)	Operating Frequency (Hz)
EDC_33C_2W_830_230V_F302	Φ33	Φ7.0	80	3000	2	190	95	220 / 230	50 / 60
EDC_33C_2W_850_230V_F302	Φ33	Φ7.0	80	5000	2	220	110	220 / 230	50 / 60
EDC_33C_4W_830_230V_F302	Φ33	Φ7.0	80	3000	4	392	98	220 / 230	50 / 60
EDC_33C_4W_850_230V_F302	Φ33	Φ7.0	80	5000	4	448	112	220 / 230	50 / 60
EDC_33C_6W_830_230V_F302	Φ33	Φ7.0	80	3000	6	600	100	220 / 230	50 / 60
EDC_33C_6W_850_230V_F302	Φ33	Φ7.0	80	5000	6	690	115	220 / 230	50 / 60
EDC_38C_4W_830_230V_F302	Φ38	Φ11.5	80	3000	4	440	110	220 / 230	50 / 60
EDC_38C_4W_850_230V_F302	Φ38	Φ11.5	80	5000	4	504	126	220 / 230	50 / 60
EDC_38C_6W_830_230V_F302	Φ38	Φ11.5	80	3000	6	660	110	220 / 230	50 / 60
EDC_38C_6W_850_230V_F302	Φ38	Φ11.5	80	5000	6	756	126	220 / 230	50 / 60
EDC_38C_8W_830_230V_F302	Φ38	Φ11.5	80	3000	8	880	110	220 / 230	50 / 60
EDC_38C_8W_850_230V_F302	Φ38	Φ11.5	80	5000	8	1,008	126	220 / 230	50 / 60
EDC_47C_10W_830_230V_F301	Φ47	Φ16.0	80	3000	10	1,150	115	220 / 230	50 / 60
EDC_47C_10W_850_230V_F301	Φ47	Φ16.0	80	5000	10	1,320	132	220 / 230	50 / 60
EDC_47C_12W_830_230V_F301	Φ47	Φ16.0	80	3000	12	1,380	115	220 / 230	50 / 60
EDC_47C_12W_850_230V_F301	Φ47	Φ16.0	80	5000	12	1,584	132	220 / 230	50 / 60
EDC_47C_15W_830_230V_F301	Φ47	Φ16.0	80	3000	15	1,650	110	220 / 230	50 / 60
EDC_47C_15W_850_230V_F301	Φ47	Φ16.0	80	5000	15	1,890	126	220 / 230	50 / 60
EDC_57C_15W_830_230V_F301	Φ57	Φ18.0	80	3000	15	1,770	118	220 / 230	50 / 60
EDC_57C_15W_850_230V_F301	Φ57	Φ18.0	80	5000	15	2,025	135	220 / 230	50 / 60
EDC_57C_20W_830_230V_F301	Φ57	Φ20.0	80	3000	20	2,260	113	220 / 230	50 / 60
EDC_57C_20W_850_230V_F301	Φ57	Φ20.0	80	5000	20	2,600	130	220 / 230	50 / 60
EDC_57C_24W_830_230V_F301	Φ57	Φ24.0	80	3000	24	2,712	113	220 / 230	50 / 60
EDC_57C_24W_850_230V_F301	Φ57	Φ24.0	80	5000	24	3,120	130	220 / 230	50 / 60

LES Size

EDC 33C : Φ7.0
EDC 38C : Φ11.5
EDC 47C : Φ16.0
EDC 57C : Φ18.0



[PCB 전면부]



[PCB 측면부]

Note 1. Typical luminous flux value, Tc=25°C
2. Available in various CCTs (2,700K ~ 6,500K)

EggDrop Module

Perfect Dimming Control and Custom LED Module



- 디밍 컨트롤에 따라 색온도 조절 가능
- 제품 형상에 따라 원형/다운라이트형/리니어형 타입으로 디자인 설계 가능

EDC DTW Series

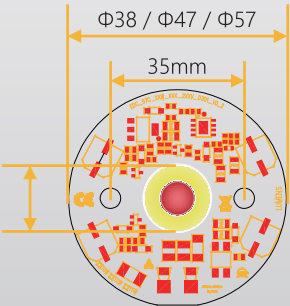
AC module with CCT conversion



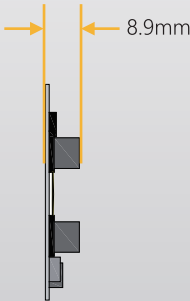
Model	Dimension (mm)	LES (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (Vac)	Operating Frequency (Hz)
EDC_38C_4W_SD2_230V_F301	Φ38	Φ11.5	95	1800	4	180	45	220 / 230	50 / 60
				2700	4	260	65	220 / 230	50 / 60
EDC_38C_6W_SD2_230V_F301	Φ38	Φ11.5	95	1800	6	270	45	220 / 230	50 / 60
				2700	6	390	65	220 / 230	50 / 60
EDC_38C_8W_SD2_230V_F301	Φ38	Φ11.5	95	1800	8	360	45	220 / 230	50 / 60
				2700	8	520	65	220 / 230	50 / 60
EDC_47C_10W_SD2_230V_F301	Φ47	Φ16.0	95	1800	10	550	55	220 / 230	50 / 60
				2700	10	750	75	220 / 230	50 / 60
EDC_47C_12W_SD2_230V_F301	Φ47	Φ16.0	95	1800	12	660	55	220 / 230	50 / 60
				2700	12	900	75	220 / 230	50 / 60
EDC_47C_15W_SD2_230V_F301	Φ47	Φ16.0	95	1800	15	825	55	220 / 230	50 / 60
				2700	15	1,125	75	220 / 230	50 / 60
EDC_57C_15W_SD2_230V_F301	Φ57	Φ18.0	95	1800	15	975	65	220 / 230	50 / 60
				2700	15	1,275	85	220 / 230	50 / 60
EDC_57C_20W_SD2_230V_F301	Φ57	Φ18.0	95	1800	20	1,300	65	220 / 230	50 / 60
				2700	20	1,700	85	220 / 230	50 / 60

LES Size

EDC 38C : Φ11.5
EDC 47C : Φ16.0
EDC 57C : Φ18.0



[PCB 전면부]



[PCB 측면부]

DLM Series

AC module with Downlight-type



Spot Light



Downlight



Ceiling Light

Model	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (Vac)	Operating Frequency (Hz)
DLM_50C_XXW_830_230V_F301	Φ50	80	3000	8/12	1,380	115	220 / 230	50 / 60
DLM_50C_XXW_850_230V_F301	Φ50	80	5000	8/12	1,450	121	220 / 230	50 / 60
DLM_70C_XXW_830_230V_F301	Φ70	80	3000	10/16	1,920	120	220 / 230	50 / 60
DLM_70C_XXW_850_230V_F301	Φ70	80	5000	10/16	2,010	126	220 / 230	50 / 60
DLM_100C_XXW_830_230V_F301	Φ100	80	3000	10/16	2,000	125	220 / 230	50 / 60
DLM_100C_XXW_850_230V_F301	Φ100	80	5000	10/16	2,110	132	220 / 230	50 / 60

LNМ Series

AC module with Linear-type



Troffer



Linear Bar

Model	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (Vac)	Operating Frequency (Hz)
LNМ_140x20_4.5W_830_230V_F301	140x20	80	3000	4.5	450	100	220 / 230	50 / 60
LNМ_140x20_4.5W_850_230V_F301	140x20	80	5000	4.5	480	107	220 / 230	50 / 60
LNМ_280x20_9W_830_230V_F301	280x20	80	3000	9.0	990	110	220 / 230	50 / 60
LNМ_280x20_9W_850_230V_F301	280x20	80	5000	9.0	1050	117	220 / 230	50 / 60
LNМ_560x20_18W_830_230V_F301	560x20	80	3000	18.0	2070	115	220 / 230	50 / 60
LNМ_560x20_18W_850_230V_F301	560x20	80	5000	18.0	2200	122	220 / 230	50 / 60

Note 1. Typical luminous flux value, Tc=25°C
2. Available in various CCTs (2,700K ~ 6,500K)

AC Driver Module

Mini size, Maximum Flexibility



Spot Light



Downlight



Ceiling Light

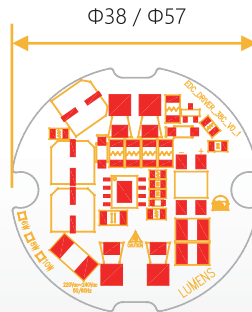
Model	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (Vac)	Operating Frequency (Hz)
EDC_38C_10W_830_230V_F201	Φ38	80	3000	10	*	*	220 / 230	50 / 60
EDC_38C_10W_850_230V_F201	Φ38	80	5000	10	*	*	220 / 230	50 / 60
EDC_57C_20W_830_230V_F201	Φ57	80	3000	20	*	*	220 / 230	50 / 60
EDC_57C_20W_850_230V_F201	Φ57	80	5000	20	*	*	220 / 230	50 / 60

* The Specifications may vary depending on the light source used.

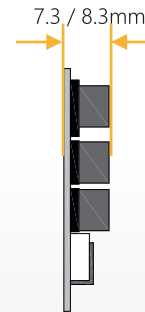
PCB Size

EDC 38C : Φ38

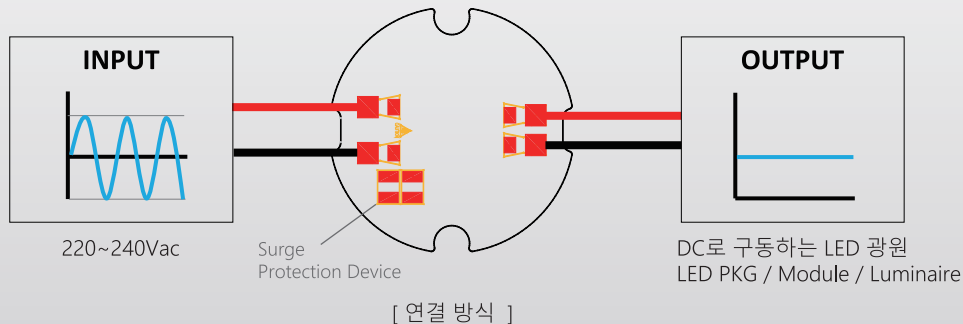
EDC 57C : Φ57



[PCB 전면부]



[PCB 측면부]



5CCTs

AC module with variable CCT and Wattage



Model	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Voltage (Vac)	Operating Frequency (Hz)
DLM_80C_XXW_8XX_230V_F301	Φ80	80	2700	10	1,300	130	220 / 230	50 / 60
		80	5700	10	1,500	150	220 / 230	50 / 60
		80	2700	12	1,530	128	220 / 230	50 / 60
		80	5700	12	1,760	147	220 / 230	50 / 60
		80	2700	15	1,870	125	220 / 230	50 / 60
		80	5700	15	2,140	143	220 / 230	50 / 60
DLM_100C_XXW_8XX_230V_F301	Φ100	80	2700	10	1,350	135	220 / 230	50 / 60
		80	5700	10	1,530	153	220 / 230	50 / 60
		80	2700	12	1,600	133	220 / 230	50 / 60
		80	5700	12	1,830	153	220 / 230	50 / 60
		80	2700	15	1,950	130	220 / 230	50 / 60
		80	5700	15	2,250	150	220 / 230	50 / 60

DC Linear Module

DC module with Linear-type



Model	Dimension (mm)	CRI (Ra)	CCT (K)	Watt (W)	Luminous Flux (lm)	Luminous Efficiency (lm/W)	Forward Current (mA)	Forward Voltage (Vdc)
LNMD_1FT_12P_28020_XXX_S01_D09	280x20	80	3000	5.4	895	169	450	12
LNMD_1FT_12P_28020_XXX_S01_D09	280x20	80	5000	5.4	960	182	450	12
LNMD_1FT_16P_28020_XXX_S01_D09	280x20	80	3000	7.2	1,195	169	300	24
LNMD_1FT_16P_28020_XXX_S01_D09	280x20	80	5000	7.2	1,285	182	300	24
LNMD_1FT_24P_28020_XXX_S01_D09	280x20	80	3000	10.8	1,790	169	450	24
LNMD_1FT_24P_28020_XXX_S01_D09	280x20	80	5000	10.8	1,925	182	450	24
LNMD_2FT_24P_56020_XXX_S01_D09	560x20	80	3000	10.8	1,790	169	450	24
LNMD_2FT_24P_56020_XXX_S01_D09	560x20	80	5000	10.8	1,925	182	450	24
LNMD_2FT_32P_56020_XXX_S01_D09	560x20	80	3000	14.4	2,390	169	600	24
LNMD_2FT_32P_56020_XXX_S01_D09	560x20	80	5000	14.4	2,565	182	600	24
LNMD_2FT_48P_56020_XXX_S01_D09	560x20	80	3000	16.8	2,870	177	700	24
LNMD_2FT_48P_56020_XXX_S01_D09	560x20	80	5000	16.8	3,085	190	700	24

Note 1. Typical luminous flux value, Tc=25°C
2. Available in various CCTs (2,700K ~ 6,500K)



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