

# simpleLED Circular Light Engines

Accelerate your time to market



#### Applications:

- Downlighting
- Spot lighting
- Track lighting
- Accent lighting

#### Features:

- 3 year limited warranty
- UL-recognized & CE-approved
- Available to sell inventory
- Various lumen output packages
- Industry leading LUXEON® Rebel LED technology

#### Benefits:

- Accelerates your speed to market
- Reduces your development costs
- Design flexibility in a modular form factor
- Extremely reliable lighting system

simpleLED®

**FUTURE**  
Lighting Solutions

*Making LED Lighting Solutions Simple™*

## 1. Circular LED Light Engines

These light engines are designed for ease of integration into existing or new fixtures. They deliver high quality illumination, uniform colors and consistent lighting with the latest LUXEON LED technology. It is ideal for replacing traditional light sources.

Diameter	Number of LEDs	Lumen Output @350mA <sup>1</sup> (lm)	Lumen Output @700mA <sup>1</sup> (lm)	CCT (K)	CRI	Connection <sup>2</sup>	Part Number
34mm	3	335	590	5000K	>60	TE Poke-In	GLV92C34341/CN-LG03W00T
		315	565	4000K	>60	TE Poke-In	GLV92C34341/CN-LG03D40T
		250	435	3000K	>80	TE Poke-In	GLV92C34341/CN-LB03S30L
50mm	7	770	1445	5000K	>60	TE Poke-In	GLV92C50501/CN-LG07W00T
		740	1370	4000K	>60	TE Poke-In	GLV92C50501/CN-LG07D40T
		585	1010	3000K	>80	TE Poke-In	GLV92C50501/CN-LB07S30L
63mm	9	985	1850	5000K	>60	TE Poke-In	GLV92C63631/CN-LG09W00T
		945	1695	4000K	>60	TE Poke-In	GLV92C63631/CN-LG09D40T
		750	1300	3000K	>80	TE Poke-In	GLV92C63631/CN-LB09S30L
76mm	12	1315	2635	5000K	>60	TE Poke-In	GLV92C76761/CN-LG12W00T
		1265	2125	4000K	>60	TE Poke-In	GLV92C76761/CN-LG12D40T
		1000	1735	3000K	>80	TE Poke-In	GLV92C76761/CN-LB12S30L
95mm	18	1975	3525	5000K	>60	TE Poke-In	GLV92C95951/CN-LG18W00T
		1900	3380	4000K	>60	TE Poke-In	GLV92C95951/CN-LG18D40T
		1505	2605	3000K	>80	TE Poke-In	GLV92C95951/CN-LB18S30L
120mm	24	2610	4695	5000K	>60	TE Poke-In	GLV92CC0C01/CN-LG24W00T
		2500	4500	4000K	>60	TE Poke-In	GLV92CC0C01/CN-LG24D40T
		2000	3555	3000K	>80	TE Poke-In	GLV92CC0C01/CN-LB24S30L

1. Light output range calculated based on Tj=85°C through Future Lighting Solutions Usable Light Tool. Does not include optical losses.

2. Also available with solder pads only or with 200mm length 20AWG wires

## 2. Driver Solutions

Electrical LED driver modules are ready-to-use solutions that have been specifically designed to work for LUXEON LED applications in a wide range of input voltages. LED driver selection is dependent on the number of LEDs on the light engine, the number of light engines connected in series, the input voltage and output current required.

Output Current	Number of LEDs	120VAC Input		230VAC Input	
		Description	Part Number	Description	Part Number
350mA	3	Philips Xitanium 12V 4W	LEDUNIA0350C12F	120-240 Vac Philips Lighting 12V 4W	LEDUNIA0350C12F
	7-9	Philips Xitanium 33V 12W	LED120A0350C33F	230 Vac Philips Lighting 33V 12W	913700615882
	12	MeanWell 48V 17W	LPC-20-350	230 Vac Harvard Engineering 48V 17W	CL350-240-56V
	18	Inventronics 72V 25W	EUC-025S035DS	Inventronics 72V 25W	EUC-025S035DS
	24	Inventronics 114V 40W	EUC-040S035DS	Inventronics 114V 40W	EUC-040S035DS
700mA	3	Philips Xitanium 12V 8W	LEDUNIA0700C12F	Philips Xitanium 12V 8W	LEDUNIA0700C12F
	7	Philips Xitanium 28V 20W	LED120A0700C28FO	Harvard Engineering 48V 33W	CL700-240
	9-12	MeanWell 48V 34W	LPC-35-700	Harvard Engineering 48V 33W	CL700-240
	18	Inventronics 72V 50W	EUC-050S070DT	Inventronics 72V 50W	EUC-050S070DT
	24	Inventronics 108V 75W	EUC-075S070DT	Inventronics 108V 75W	EUC-075S070DT

## 3. Optical Solutions

A range of optional secondary TIR optics are available for the simpleLED light engines in a low-profile design. These lenses enhance the efficiency of a lighting application to ensure you are directing the most amount of light where you need it. The optics are available separately or pre-mounted on the light engines.

Optic Part Number	Size	Optic Holder	LUXEON Rebel	LUXEON Rebel ES
GLVA1BS01	Ø13.5x7.3mm	Included	15°	22°
GLVA1BN01	Ø13.5x7.3mm	Included	27°	27°
GLVA1BF01	Ø13.5x7.3mm	Included	38°	43°

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