

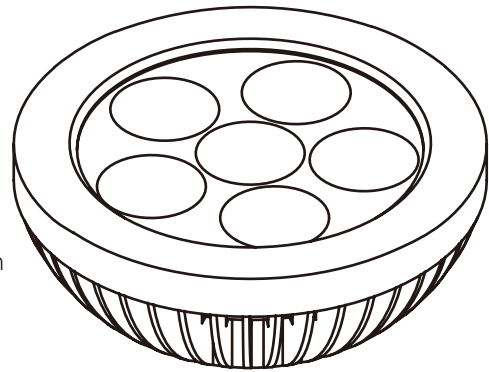
Solid-State Lighting Series

10W/15W PAR30 Module

Datasheet

Edison Opto 10W/15W PAR30 Module utilizes 6 Edixeon® LEDs, capable of producing an illumination of 3,700lux (10 w) at one meter. This module integrates advanced LED technology with proprietary optics and high-tech heatsink into an effective design.

The condensed light emitting area through the advanced optics design allows a cleaner and better defined light output. In addition to all the benefits you could expect from LEDs, you will get an attractive and easy-to-use solution with the 10W/15W PAR30 Module.



Features :

- Fully Integral Design
 - Low Power Consumption
 - Long Life (50,000hrs)
 - Various Color Temperature (Cool/Neutral/Warm White)
 - Available in Narrow (25°) and Wide (40°) Beams
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A Solid-State Lighting Premium Expert

Illuminance and Beam Angles

• Cool White

Power Consumption	Part Number	CCT(Typ.)	Cone Beam Angle	Lux*@ 1m (Typ.)
10W	EDIS-P30M10-WSx	6000K	25°±2.5°	3700
	EDIS-P30M10-WFx		40°±1.5°	1900
15W	EDIS-P30M15-WSx		25°±2.5°	5200
	EDIS-P30M15-WFx		40°±1.5°	2660

• Neutral White

Power Consumption	Part Number	CCT(Typ.)	Cone Beam Angle	Lux*@ 1m (Typ.)
10W	EDIS-P30M10-HSx	4000K	25°±2.5°	2700
	EDIS-P30M10-HFx		40°±1.5°	1650
15W	EDIS-P30M15-HSx		25°±2.5°	3780
	EDIS-P30M15-HFx		40°±1.5°	2310

• Warm White

Power Consumption	Part Number	CCT(Typ.)	Cone Beam Angle	Lux*@ 1m (Typ.)
10W	EDIS-P30M10-XSx	3000K	25°±2.5°	2400
	EDIS-P30M10-XFx		40°±1.5°	1400
15W	EDIS-P30M15-XSx		25°±2.5°	3300
	EDIS-P30M15-XFx		40°±1.5°	2200

• Red

Power Consumption	Part Number	Wave Length	Field Angle	Flux*(Typ.)
10W	EDIS-P3010-RSx	620~630nm	25°	325 lm
	EDIS-P3010-RFx		40°	290 lm
15W	EDIS-P3015-RSx		25°	420 lm
	EDIS-P3015-RFx		40°	380 lm

• Blue

Power Consumption	Part Number	Wave Length	Field Angle	Flux*(Typ.)
10W	EDIS-P3010-BSx	460~475nm	25°	85 lm
	EDIS-P3010-BFx		40°	75 lm
15W	EDIS-P3015-BSx		25°	115 lm
	EDIS-P3015-BFx		40°	100 lm

• Amber

Power Consumption	Part Number	Wave Length	Field Angle	Flux*(Typ.)
10W	EDIS-P3010-ASx	585~595nm	25°	340 lm
	EDIS-P3010-AFx		40°	300 lm
15W	EDIS-P3015-ASx		25°	460 lm
	EDIS-P3015-AFx		40°	400 lm

• True green

Power Consumption	Part Number	Wave Length	Field Angle	Flux*(Typ.)
10W	EDIS-P3010-TSx	515~535nm	25°	570 lm
	EDIS-P3010-TFx		40°	470 lm
15W	EDIS-P3015-TSx		25°	660 lm
	EDIS-P3015-TFx		40°	570 lm

Table 3: 10W/15W PAR30 Module illuminance and beam angles

Notes:

1. Lux value is measured under thermal balance condition. (i.e. after 1 hour operation)
2. LED is a dynamic and constantly evolving technology. The final lux output of your 10W/15W PAR30 Module may vary.
3. Input voltage = DC 24V

Light Patterns

• 40°

EDIS-P30M1x-Wxx ○ 6000K



EDIS-P30M1x-Hxx ● 4000K



EDIS-P30M1x-Xxx ● 3000K

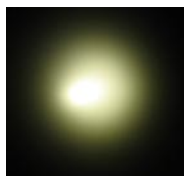


• 25°

EDIS-P30M1x-Wxx ○ 6000K



EDIS-P30M1x-Hxx ● 4000K



EDIS-P30M1x-Xxx ● 3000K



• R/G/B/A

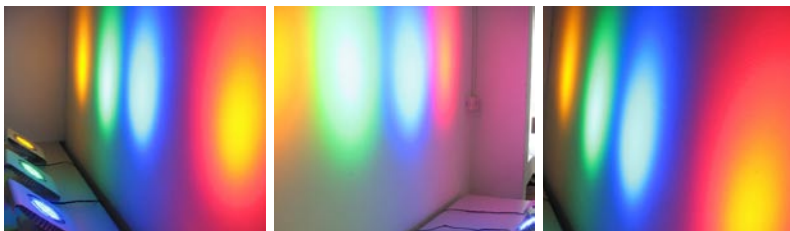


Figure 2: 10W/15W PAR30 Module light patterns of different colors

Assembly Instructions and Recommended Driver Specification

Input Voltage	Output Voltage	Operating Current (Constant)	Rated Power
AC 100~240V	DC18~24V	500mA	> 12W
AC 100~240V	DC18~24V	700mA	> 17W

Table 4: Specification of recommended driver

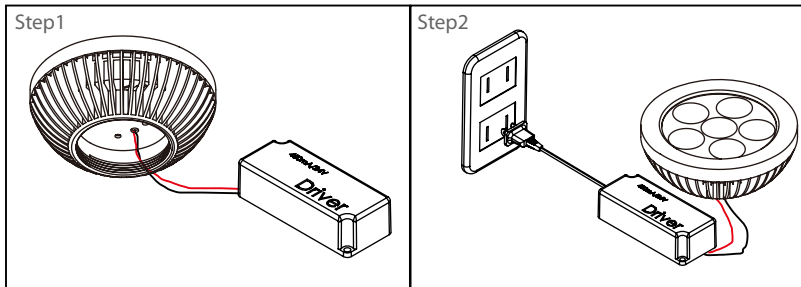


Figure 3: Assembly Instructions

- Assembly Instructions :
1. Connect the 10W/15W PAR30 Module to the DC driver shown as step 1.

- 2. Plug the driver to AC outlet shown as step 2.

Caution: Never plug the driver to AC outlet before the 10W/15W PAR30 is properly connected as this may damage the LEDs permanently.

Application Notes

The compact and integral design of the 10W/15W PAR30 Module make it ideal for a wide variety of lighting applications, including retail store spot light, ceiling downlight, and many other accent lightings.



Various colors and beam pattern options are suitable for an array of scenarios.

