

ECLIPSE SERIES

COMPACT TO COMMANDING. POWER THAT SCALES.

Combines sleek, frameless styling with scalable high-output performance across the lineup. From the ultra-compact 2" model to the high-output 64-LED configurations – Eclipse lights are engineered to provide increasing performance and coverage as the series grows.



FULL SERIES LINEUP 7 Models · Round & Square · 1365 - 6500 Effective Lumen



HD20016F

2.0" SQ

1365

EF LM

16 LEDs • 24W



HD23016F

2.3" RND

1365

EF LM

16 LEDs • 24W



HD30016F

3.0" SQ

2600

EF LM

16 LEDs • 24W



HD33016F

3.2" RND

2600

EF LM

16 LEDs • 24W



HD40036F

4.0" SQ

4000

EF LM

36 LEDs • 54W



HD43036F

4.2" RND

4000

EF LM

36 LEDs • 54W



HD40064F

4.3" SQ

6500

EF LM

64 LEDs • 96W

STANDARD FEATURES

BUILT TO LAST. DESIGNED TO PERFORM.

Every Eclipse shares the same engineered platform – same LED technology, diecast aluminum housing logic, and connector ecosystem – scaled from the 2" compact to the 4.3" square powerhouse.

OSRAM 1.5W LEDs

High-output OSRAM SMDs deliver wide, even flood coverage with superior lumen output per watt.

DIECAST ALUM. HOUSING

Black powder-coated diecast aluminum housing with high-impact polycarbonate lens. Built for harsh environments and constant exposure.

FRAMELESS PC LENS

Frameless high-impact polycarbonate lens maximizes light output with no obstruction.

S/S BRACKET & HARDWARE

Stainless steel bracket and mounting hardware rated for constant vibration, impact, and harsh conditions.

IP67 • 69K SEALED

Fully sealed against dust and high-pressure wash. Conformally coated electronics for long-term reliability in the field.

10-32V COMPATIBLE

10-32V dual-voltage input. Compatible with 12V and 24V systems — universal fitment across light and heavy vehicle platforms.

ECE R10 / CISPR25

Meets automotive EMC standards — won't interfere with sensitive electronics. Critical for fleet and connected vehicles.

ATCS®

Built-in Advanced Temperature Control System protects LEDs under sustained use, extending life in hot environments.

PRODUCT SPECIFICATIONS

ECLIPSE SERIES – PRODUCT SPECIFICATIONS

PART NO.	SIZE	LEDs	EF LM	RAW LM	VOLTAGE	WATTS	AMP DRAW
HD20016F	2.0" Square	16	1365	2400	10-32V	24W	1.35A @ 12V, 0.66A @ 24V
HD23016F	2.3" Round	16	1365	2400	10-32V	24W	1.35A @ 12V, 0.66A @ 24V
HD30016F	3.0" Square	16	2600	3520	10-32V	24W	1.97A @ 12V, 1.02A @ 24V
HD33016F	3.2" Round	16	2600	3520	10-32V	24W	1.97A @ 12V, 1.02A @ 24V
HD40036F	4.0" Square	36	4000	5400	10-32V	54W	2.97A @ 12V, 1.54A @ 24V
HD43036F	4.2" Round	36	4000	5400	10-32V	54W	2.97A @ 12V, 1.54A @ 24V
HD40064F	4.3" Square	64	6500	9600	10-32V	96W	5.80A @ 12V, 2.60A @ 24V

AT A GLANCE

7 models

Round & square - one platform

ATCS® thermal cooling
Advanced Temperature Control System

1365–6500 lm

Effective lumen range

1.5W osram

Light Emitting Diodes | LEDs

IP67 waterproof

Fully sealed – dust & submersion rated

CERTIFICATIONS & FEATURES

- ATCS® | Advanced Temperature Control System
- Black Powder Coated Diecast Alum. Housing
- Frameless High Impact Polycarbonate Lens
- Stainless Steel Bracket & Mounting Hardware
- Metal Breather for Moisture Dissipation*
- Integrated 2-pin Male Deutsch Connector*
- Includes 8" Pigtail with Mating 2-Pin Female Deutsch Connector*
- IP67 Waterproof
- Color Temp: 6000K
- ECE R10 | CISPR25 | Class 3

*Excludes HD20016F & HD23016F