

Provides Improved Road Visibility in
Adverse Weather Deep Yellow Light

キワミイエロー
KIWAMI YELLOW

LED
H4
COMPACT

Designed to Fit a Wide Range of Vehicles with
Limited Installation Clearance
Drive Unit Separate & Cooling fan-less Design

Total flux
High beam 4000lm

Low beam 2800lm

Color temperature
2400K

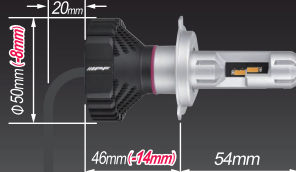
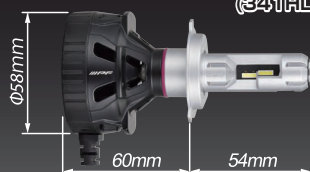
Compare dimensions

Scale / mm

Required range of movement

□ All-in-one design
(S41HLB2)

□ Compact design
(141HLB2)



Hybrid vehicle attachable

Eco idling stop system attachable

Input voltage 12V/24V

Built-in High beam indicator lighting circuit



Contact information: IPF TRADING

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Provides improved road visibility in adverse weater. Designed as an LED light version of IPF's longtime seller "DEEP YELLOW Halogen Bulb"

Key point 1

- Specifically designed LED chips produce IPF's characteristic DEEP YELLOW light, with no use of yellow color filter.

Key point 2

- Developed the next generation LEDs in conjunction with LED chip manufacturer
- Optimized configuration and size of light-emitting face can deliver evenly produced beam pattern and improved brightness
- Improved road visibility for distance and width without loss of LED light

Introduction of the three all-new technology

Technology 1 "Dual CPS -Dual Copper Post Structure- (Patented)"

- Employs copper substrate prepared by a patented technology "Dual CPS"
- Copper is an excellent material for heat release and contributing a longer product lifetime
- "Dual CPS" ensures most efficient heat release from LEDs to heat sink
- IPF's original patented technology delivers an ideal operating environment for LEDs

Technology 2 "Highly Heat Conduction & Release Structure"

- Using highly heat-conductive Aluminum die cast alloy allows unique heatsink design
- Optimized heatsink incorporates A6063 Aluminum die cast alloy & extrusion molding
- X2 Series bulbs deliver enhanced heat release performance & optimum heatsink shape design

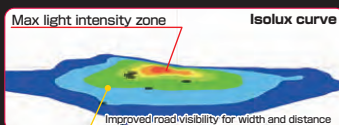
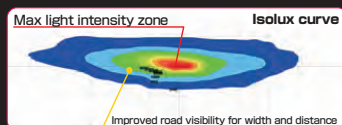
Technology 3 "LACH -LED Air Cooling Hole- (Patented)"

- Newly added Air Cooling Hole provides additional flow of air to LED chips
- Improved heat release performance because of supersized LED circuit board (460% larger from previous model)

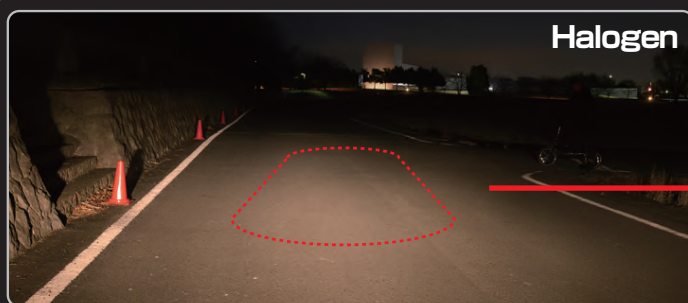
Improved noise-reducing technology, "SEPIC" system delivers long-lasting and downsized drive unit

- "Single Ended Primary Inductor Converter" offers several technology merits
- Miniaturization of electronic circuits
- High level of noise reduction
- Using quality hybrid condenser and three-terminal noise filter etc.

*Single Ended Primary Inductor Converter



Increased central light intensity Compare road visibility

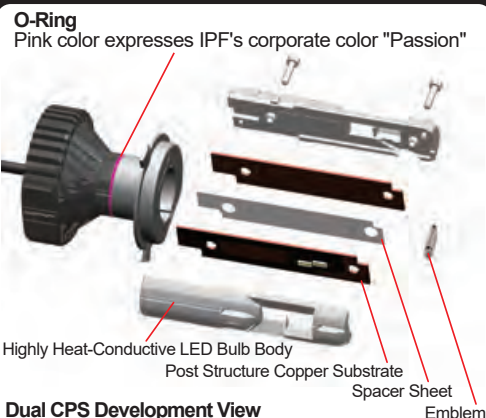


Halogen

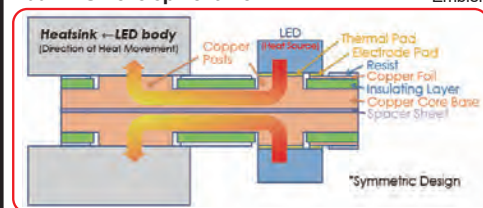


LED Deep Yellow

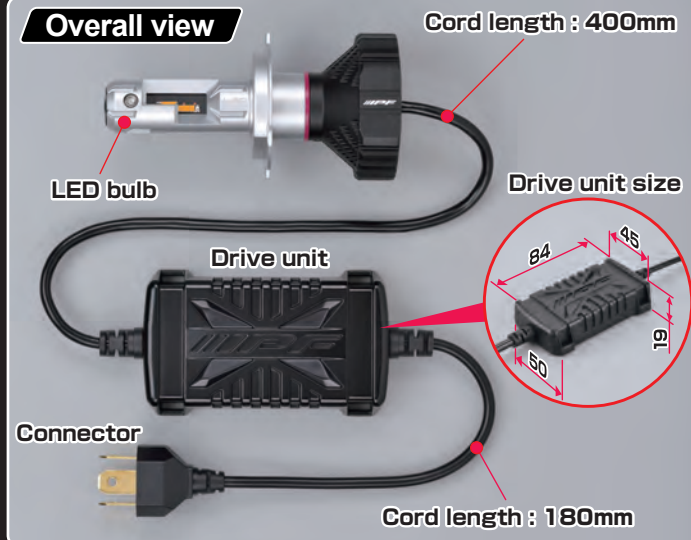
Improved Road Visibility in Adverse Weather



Dual CPS Development View



Overall view



Part No.	Product name	Spec	Color Temperature	Lumens
144HLB2	LED Head lamp bulb X2 compact H4 12/24V 6500K	LED H4 12V-24V 25/21W	2400K	High : 4000 lm* Low: 2800 lm*
■ Package size : H.150mm x W.155mm x D.100mm				

*Two bulbs

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