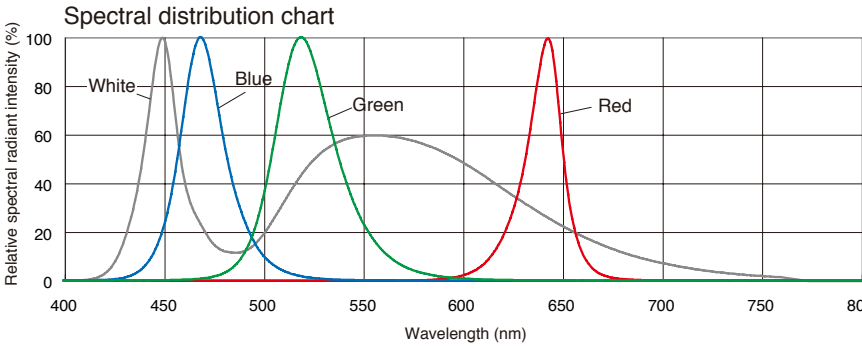
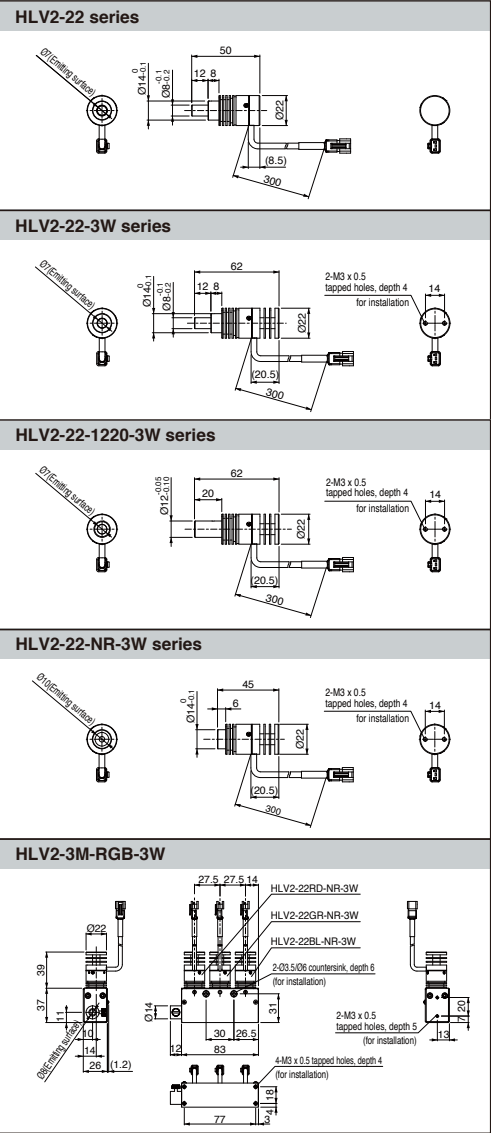


● Specifications

Model	Product number	LED color	Peak luminous wavelength / Correlated color temperature (typ.)	Power consumption (max.)	Weight (max.)	Polarity	Case material	
HLV2-22RD	1004512	Red	645nm	1.4W	37g	1: Signal 2: (+) 3: (-)	Aluminum alloy	
HLV2-22SW	1004513	White	5300K					
HLV2-22BL	1004514	Blue	465nm					
HLV2-22GR	1004515	Green	520nm					
HLV2-22RD-3W	1004516	Red	645nm	2.8W	41g			
HLV2-22SW-3W	1004517	White	5300K					
HLV2-22BL-3W	1004518	Blue	465nm					
HLV2-22GR-3W	1004519	Green	520nm					
HLV2-22RD-1220-3W	1004524	Red	645nm		37g			
HLV2-22SW-1220-3W	1004525	White	5300K					
HLV2-22BL-1220-3W	1004526	Blue	465nm					
HLV2-22GR-1220-3W	1004527	Green	520nm					
HLV2-22RD-NR-3W	1004520	Red	645nm	2.8W	42g			
HLV2-22SW-NR-3W	1004521	White	5300K					
HLV2-22BL-NR-3W	1004522	Blue	465nm					
HLV2-22GR-NR-3W	1004523	Green	520nm					
HLV2-3M-RGB-3W	1004528	Red	645nm	8.4W	232g			
		Blue	465nm					
		Green	520nm					



● External dimension diagram (mm)



CCS PJ Series special power supply maximizes the performance of the HLV2 series

- Enables external dimmer control between 0 and 5V.
- Delivers superior dimming performance through constant current control.
- Select from 2 types (100 to 240 V AC and 24 V DC input) to fit the environment of use.

100 to 240 V AC type



24 V DC type



Notes

- Carefully read the product's instruction manual before use to ensure correct operation.
- Product specifications and design are subject to change without notice.
- Examples of workpiece imaging in this catalog are a guide that may be informative for choosing illuminations. Please check the functions of the equipment and requirements when choosing.



**Headquarters**  
Shimodachiuri-agaru, Karasuma-dori, Kamigyo-ku, Kyoto 602-8011 Japan  
Phone: +81-75-415-8284 / Fax: +81-75-415-8278  
URL: <http://www.ccs-grp.com> E-mail: [intlsales@ccs-inc.co.jp](mailto:intlsales@ccs-inc.co.jp)

Copyright © 2010 CCS Inc. All Rights Reserved.  
Descriptions in this catalog are based on information available as of June 2010. 02002-00-1006-HLV2



Totally New Spot Lights



Full Model  
CHANGE

New, High-Output Spot Lights

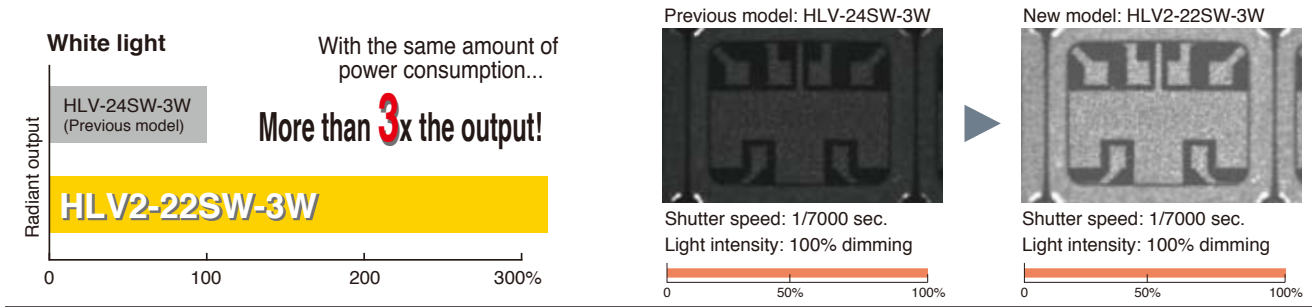
New HLV2 Series

CCS Inc.

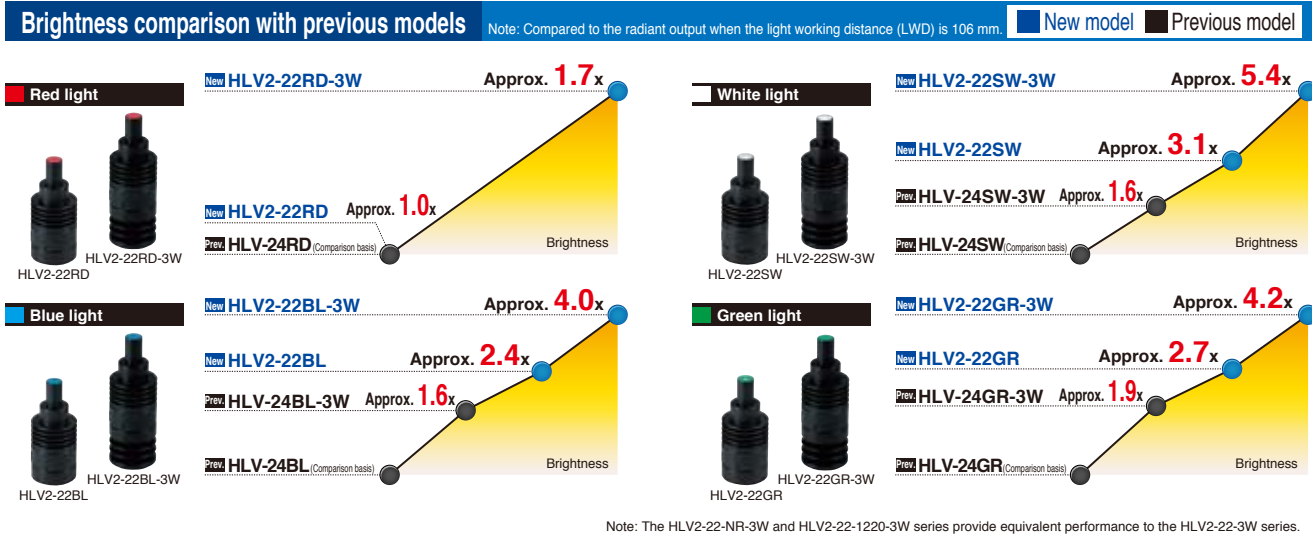


More than 3x the Output of Previous Models!

Note: Compared to the radiant output of white LED lights



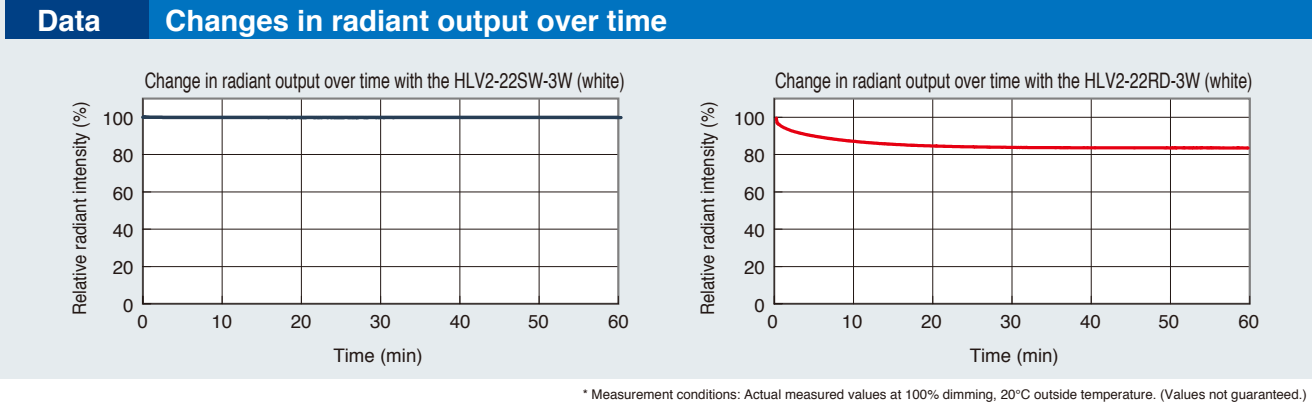
A redesign of the optical system and improved illumination efficiency have achieved greater output compared with previous models. More than 3x the intensity has been realized for white light and higher intensity has been achieved for red, blue and green lights as well.



Compact, Refined Design!



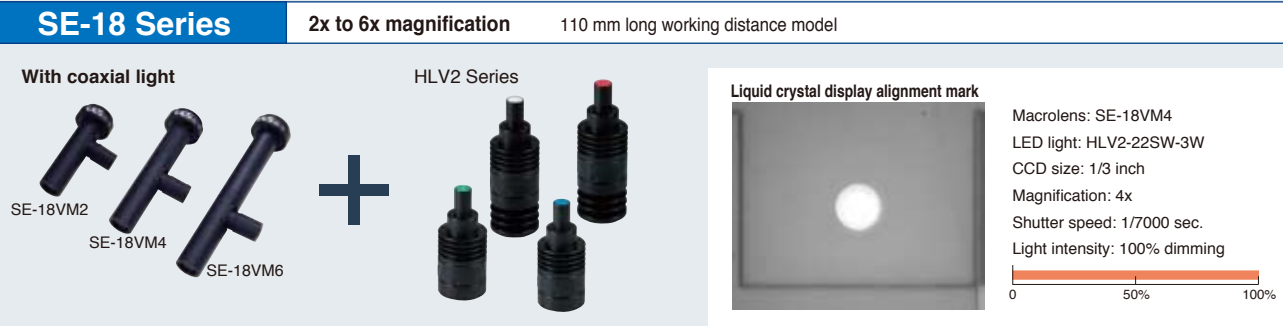
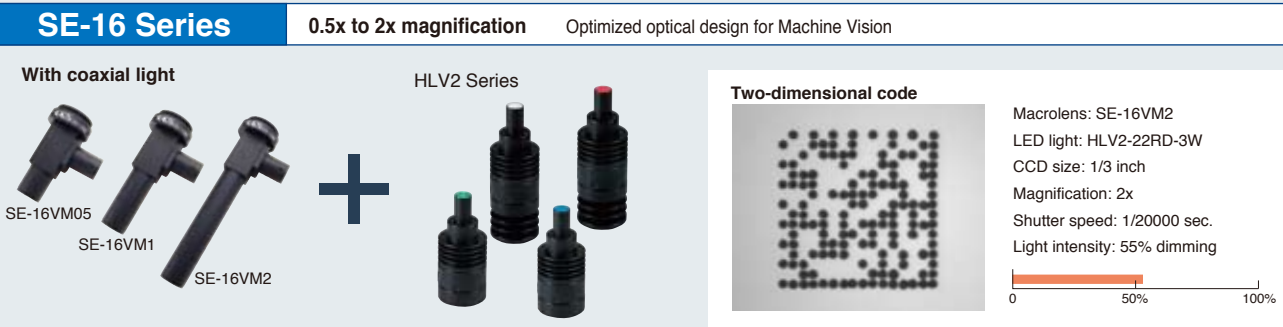
The case has been redesigned to be more light-weight and space-saving. The body size was slimmed down from  $\varnothing 24$  mm to  $\varnothing 22$  mm and the body weight reduced close to 20%. The emitting surface was enlarged from  $\varnothing 6$  mm to  $\varnothing 7$  mm, even with the same tip diameter as previous models. In addition, M3 screw holes have been added to the flat rear end of the HLV2-22-3W model to enable flexible installations.



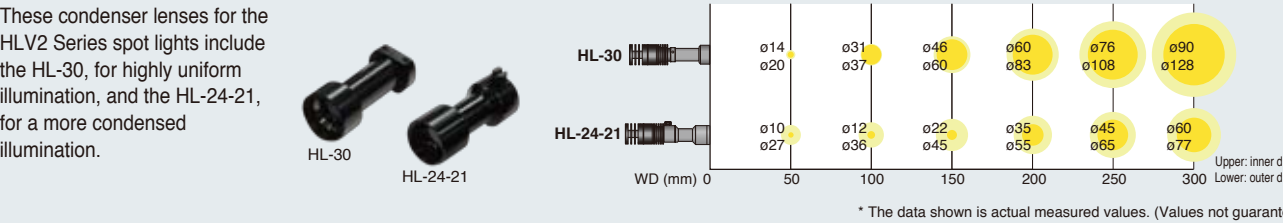
Providing optimal solutions with the HLV2 Series + CCS original macrolenses

CCS original macrolenses offer "high performance" at a "reasonable price".

A lineup from 0.5x to 6x macrolenses offers the best lens setup for the application.



CCS original condenser lenses control the range of illumination.



Constructing advanced lighting systems with the HLV2 Series + microfiber

The Microfiber-Head Series delivers high output through CCS original condenser technology.

With a lineup that responds to a wide range of field sizes and LWD, the optimal illumination for your needs is available.

