

ORDERING MADE EASY

Smart Vision Lights makes it easy to find exactly what you're looking for!

Part Number Key:

L 300 – XXX – X*

Product
Family:

Linear Light
L300

Color:

365, 395, 470,
505, 530, 590,
625, 850, 940,
and white (WH)

Lenses:

N - Narrow
W - Wide
L - Line

*Most lights come standard with narrow lenses.
All lights are CE and RoHS compliant.



Smart Vision Lights' OverDrive and MultiDrive integrated LED drivers include an integrated strobe driver for complete LED light control.

The OverDrive integrated intelligent driver monitors the strobe operation, maximizing output during vision system inspections.

NEW!

The latest lights from Smart Vision Lights include our newest MultiDrive driver, which allows the light to operate in constant output mode or in overdrive strobe operations, depending on the needs of the application.

Smart Vision Lights
is committed to being the global leader
in innovative design, engineering,
and manufacturing
of the highest-quality products
in the specialty lighting industries.

Learn more today at
smartvisionlights.com

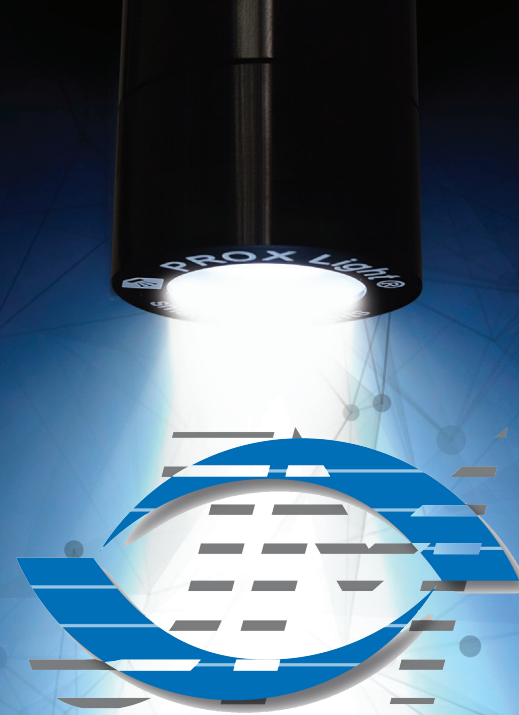
Smart Vision Lights sells products exclusively
through our global distributor network.

To find a distributor near you,
call +44 7831 622844 or email
sales@smartvisionlights.com.

Authorized Distributor

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VISION

慕尼黑上海光博会

3月. 14-16, 2017

 **smart vision lights**

driven by precision

[smart vision lights .com](http://smartvisionlights.com)

Innovating Technology

First internal
universal LED driver

Innovating Trust

Machine vision
industry's only
10-year warranty

Innovating Service

Most standard
products ship
within three
business days

Innovating Safety

All lights compliant
with the IEC 62471
safety standard

Innovating Design

Custom lights
to meet
your needs

 **smart vision lights**

Where Innovation and Lighting Begin

DESCRIPTION		LIGHT LENGTH(mm)	WAVELENGTH	OPTIONS	
LINEAR LIGHTS					
L-series	300 mm Linear Light “Connect-A-Light”	300	365, 395, 470, 505, 530, 625, 850, 940, white *Not all lights available in UV or IR, call for availability	Wide lens, line lens (not UV), linear polarizer on select models	
LB-series	Linear Light “Connect-A-Light” – backlight”				
ODL-series	OverDrive Linear Light “Connect-A-Light”				
ODLB-series	OverDrive Linear Light “Connect-A-Light” – backlight				
LC-series	12 LED Low-Cost Linear Light (Wavelength limited to 470, 530, 625, 850, white)				
LE-series	Linear Light Sealed IP65 w/ Multi Drive and M12 connector	300, 600, 900, 1200			
LHF-series	Fluorescent Replacement “Direct-Connect” Light with M12 or 4-pin connector	300			
ODLHF-series	OverDrive Fluorescent Replacement Light with M12 or 4-pin connector				
LX150	6 LED Modular Linear Light	150			
LXB150	6 LED Modular Linear Light – Back Light				
LX300	12 LED Modular Linear Light	300			
LXB300	12 LED Modular Linear Light – Back Light				
LINEAR LIGHT KITS					
L-series kits	Linear Light Kit from L300 Light Segments, Jumper, Extrusion, Hardware	600, 900, 1200, 1500, 1800	See L-series wavelengths, minus UV & IR	—	
ODL-series kits	OverDrive Linear Light Kit from ODL300 Light Segments, Jumper, Extrusion, Hardware				
TSLOT300 EXTRUSION LIGHT					
TSLOT-series extrusion lights	300 mm LED Light Fitting ExtrusionEOTwith Diffused Cover	300 per segment	4 K warm, 6 K bright	Dimmer, M12, M8, male/female connections, endstop, & kit	
PROX LIGHTS					
SX-series	Barrel Spot Light 2nd Generation – “Prox Light”	30 mm barrel	365, 395, 470, 505, 530, 625, 850, 940, white	Wide lens, line lens (not UV), remote head	
SXA-series	Barrel Adjustable Spot Light 2nd Generation – “Prox Light”				
ODSX-series	OverDrive Barrel Spot Light 2nd Generation – “Prox Light”			Additional 1 meter fiber bundle lengths	
ODSXA-series	OverDrive Barrel Adjustable Spot Light 2nd Generation – “Prox Light”				
SXF-series	Barrel Spot Light with 1 Meter Fiber Optic Bundle (no UV; focusing lens available)				
ODSXF-series	OverDrive Barrel Spot Light with 1 Meter Fiber Optic Bundle (no UV; focusing lens available)				
BRICK LIGHTS					
S-series	Spot Light - “Brick Light”	75 mm brick	365, 395, 470, 505, 530, 625, 850, 940, white *Not all lights available in UV or IR, call for availability	Wide lens, line lens (not UV)	
ODS-series	OverDrive Spot Light - “Brick Light”				
SC-series	“Grey Series” Spot Light - “Brick Light”				
SB-series	Back Light - “Brick Back Light”				
ODSB-series	OverDrive Backlight - “Brick Backlight”				
AREA SPOT LIGHT					
AL-series	Area Spot Light	150 x 150	470, 505, 530, 625, 850, white	Call for more sizes	
EXTREME OUTPUT STROBE CANNON					
XR-series	High-Powered 256 LED “Xenon Level” High-Speed Strobe Cannon	—	470, 625, 850, white	—	
EZ MOUNT RING LIGHTS					
R-series	Ring Light “EZ Mount”	80, 130	365, 395, 470, 505, 530, 625, 850, 940, white *Not all lights available in UV, call for availability	Narrow lens option, no charge	
RD-series	Diffuse Ring Light “EZ Mount” *Call for availability and pricing				
ODR-series	OverDrive Ring Light “EZ Mount”				
ODRD-series	OverDrive Diffuse Ring Light “EZ Mount” *Call for availability and pricing				
RC-series	Ring Light “EZ Mount” with Focused Wide Lenses	130		—	
RCC-series	Ring Light “EZ Mount” with Focused Narrow Lenses				
STEP-UP/DOWN ADAPTER KITS					
SU-series	M46 step-up adapter rings w/six M2 set screws & hex wrench; adapter sizes: 25.5-46, 27-46, 30.5-46, 34-46, 35.5-46, 37-46, 39-46, 40.5-46, 43-46	—	—	—	
DF-series	Camera Adapter 55, 60 and 34.9 to M46 adapter rings				
SD-series	M46 step-down adapter rings - lens thread sizes 49, 52, 55, 58, 62, 67, 72				
LARGE AREA RING LIGHTS					
RL-series	Large Area Ring Light	200, 300	470, 505, 530, 625, 850, white	—	
ODRL-series	Large Area OverDrive Ring Light				
DIFFUSE RING LIGHT PANELS - DIMMABLE/NON-DIMMABLE					
DLP-series	LED Diffuse Ring Light Panel – Dimmable	190°, 300°, 450°, 600°	470, 530, 625, white	Custom sizes available 2 different size holes (45 mm & 65 mm)	
DLPC-series	LED Diffuse Ring Light Panel – Non-dimmable	300°, 450°, 600°			
LLPX-H-series	LLPX-H Diffuse Large Light Panel, 45 mm Center Hole & 65 mm Center Hole	306°, 459°, 612°, 918°, 1224°			
BK-series	Camera Mounting Bracket for DLP/DLPC Diffuse Ring Light Panels	—			
DOME LIGHTS					
DDL-series	Dome Light	100, 150, 250	470, 505, 530, 625, white	—	
BKT0007	Camera to DDL Series Dome Light Mounting System (all sizes)	—	—		
DUAL-AXIS RGB LIGHT					
DADL75-RGB	Dual-Axis RGB Dome Light	75	—	—	
DADL75-POT	Digital Readout Dimming Controller with Dials and Connecting Cable to Light	—			

DESCRIPTION		LIGHT LENGTH(mm)	WAVELENGTH	OPTIONS
BACK LIGHTS – DIMMABLE/NON-DIMMABLE				
SOBL-series	LED Back Light – Dimmable	150 x 100, 150, 200 x 150, 200, 300 x 150, 300 x 200, 300, 450°	Custom colors and sizes available	—
SOBLC-series	LED Back Light – Nondimmable			
LLPX-series	Backlight Series of Large Light Panel	306°, 459°, 612°, 918°, 1224°	470, 530, 625, white	—
EXTREME OUTPUT BACK LIGHTS				
MOBL-series	High-Output LED Back Light	150°, 300 x 150, 300	470, 505, 530, 625, 850, white	—
ODMOBL-series	High-Output OverDrive LED Back Light			—
LED STRUCTURED LIGHT EMITTERS, PATTERNS & LENSES				
SXP-series	Focusable LED Projector 2nd Generation	30 mm barrel	470, 530, 625, 850, white	Projectors require pattern for normal operation, sold separately
ODSXP-series	Focusable, OverDrive Strobe-Only, LED Projector 2nd Generation	—	—	—
SP-PO-xxx	Standard Pattern Etching - Single-Line Standard (1LN), Single-Line Thin (1LN-05), 8 Line (8LN), Half Sphere (HS), Full Sphere (FS), 8 x 8 Grid (8 x 8GRID), Cross Hair (CH), Right Angle Line (RA), 50 x 50 Pixel Chess Board (CB50), 100 x 100 Pixel Chess Board (CB100)	—	—	—
SP-PATTN-KIT	Standard Pattern Kit - Single Line (Standard), 8 Line, Half Sphere, Full Sphere, 8 x 8 Grid, Cross Hair	—	—	—
SP-CSM-EPN	Custom Pattern Etching Only	—	—	—
LM-series & FL-series	2/3" Format, Manual Iris C-Mount Lenses from Kowa and Ricoh	Kowa (12 mm/f1.4, 25 mm/f1.6, 35 mm/f1.6, 50 mm/f2.0, 75 mm/f2.5, 100 mm/f2.8 Ricoh (6 mm/f1.4, 8 mm/f1.4, 12 mm/f1.4, 16 mm/f1.4, 25 mm/f1.4, 50 mm/f2.8)	—	—
HARSH ENVIRONMENT LIGHTING				
SXW-series	IP68 Washdown Spot Light – “Prox Light”	30 mm barrel	365, 395, 470, 505, 530, 625, 850, 940, white	Wide lens option, no charge LW-series and ODLW-series available w/ line lens, M5 mounting studs, and linear polarizer (not UV or IR)
ODSXW-series	IP68 Washdown OverDrive Spot Light – “Prox Light”			
SW-series	IP68 Washdown Spot Light – “Brick Light”	75		
ODSW-series	IP68 Washdown OverDrive Spot Light – “Brick Light”	300		
LW-series	Washdown Linear Light – “Connect-A-Light”	150°, 190° 300 x 150, 300, 450 x 300	470, 530, 625, 850, white	—
ODLW-series	Washdown OverDrive Linear Light – “Connect-A-Light”			
SOBLWC-series	IP68 Washdown LED Back Light – Non-dimmable	190°		
SOBLW-series	IP68 Washdown LED Back Light – Dimmable			
DLPW-series	IP68 Washdown 190 mm x 190 mm active area LED Diffuse Ring Light Panel – Dimmable	300°		
DLPWC-series	IP68 Washdown 300 mm x 300 mm active area LED Diffuse Ring Light Panel – Dimmable & Non-dimmable	—		
HIGH POWER LINE SCAN LIGHTS & CHILLERS				
LHP-series	High Power Line Scan Light w/ Water-Cooled Option	300, 600, 900, 1200, 1500, 1800, 2100, 2400, 2700, 3000	470, 530, 625, 850, 940, white	Call for UV, IR availability and pricing
LHP-CHL-005	50-Watt 110-Volt External Chiller for LHP Line Scan Light - CW3000-DG, 110VAC	—	—	—
LHP-CHL-01	800-Watt 110-Volt External Chiller for LHP Line Scan Light - CW5000, 110VAC			
LHP-CHL-02	1500-Watt 110-Volt External Chiller for LHP Line Scan Light - CW5200, 110VAC			
LHP-CHL-03	3100-Watt 110-Volt External Chiller for LHP Line Scan Light - CW6000DN, 110VAC			
LHP-CHL-04	4240-Watt 230-Volt External Chiller for LHP Line Scan Light - CW6000DN, 110VAC			
DUAL-AXIS DIFFUSE LINE SCAN				
TL-series	“Blister-Pack” Light with Individual On-Axis and Off-Axis	—	white	Call for other colors
DARK FIELD LIGHTS				
DFL-series	Dark Field Light and Curved Linear “Connect-A-Light”	300°, 600°, 460 (Curved Linear)	365, 395, 470, 505, 530, 625, 850, 940, white	Wide lens option available for Curved Linear, no charge
DFLB-series	Curved Linear “Connect-A-Light” Back Light	460	*Curved Linear not available in UV	
LIGHTING KIT				
SVLK-100	(1) SX30 Prox Light, (1) S75 Brick Light, (1) R80 Ring Light, (1) L300 Linear Connect-A-Light, (1) S75-SCB Smart Color Box Rechargeable Multicolored Test Light - R,G,B, White, IR, (1) SU46-25.5/27 Ring Light Adapter Kit, (1) T-1 AC Power Supply, Carrying Case	—	—	—
SVLK-100-EURO	(1) SX30 Prox Light, (1) S75 Brick Light, (1) R80 Ring Light, (1) L300 Linear Connect-A-Light, (1) S75-SCB-Euro Smart Color Box Rechargeable Multicolored Test Light with European Power Adapter - R,G,B, White, IR, (1) SU46-25.5/27 Ring Light Adapter Kit, (1) T-1 AC Power Supply with European Power Cable, and Carrying Case	—	—	—
ACCESSORIES				
POWER SUPPLIES; PULSE MODULES; CABLES; CAMERA-TO-LIGHT CABLES FOR SICK, Keyence, Teledyne DALSA, Datalogic, Baumer, Cognex; LIGHT MOUNTS AND BRACKETS; LINEAR LIGHT MOUNTING DIFFUSERS & POLARIZERS; MACHINE VISION CAMERA FILTERS				