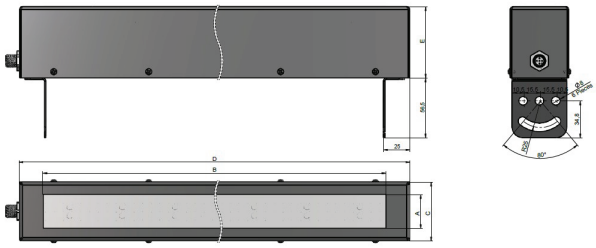
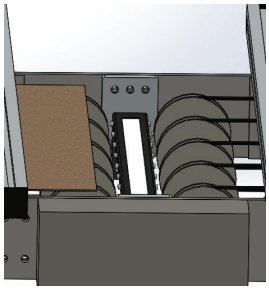
VL-BLL Bar Backlight for Linescan (400 to 2500mm)

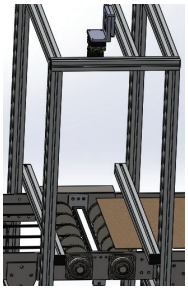
- Robust mechanical design
- High power for long range applications
- Up to 2500mm length
- 24VDC power supply
- Low power consumption





How to use

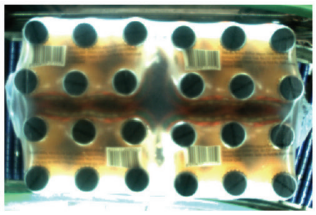




Product Types

Model	Color	Wavelength/ Color Temperature	Power Supply	Power Consumption	IP Raiting	Connection	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	Housing Material	Light Angle (º)
VL-BLL-25-400-R-24-C30	R	625nm	24VDC	11W	IP50	M12 5 pin w 300mm cable	32	400	55,5	445	67,5	Steel (Black, Painted)	30°
VL-BLL-25-400-W-24-C30	W	6500K	24VDC	16W	IP50	M12 5 pin w 300mm cable	32	400	55,5	445	67,5	Steel (Black, Painted)	30°
VL-BLL-25-500-R-24-C30	R	625nm	24VDC	14W	IP50	M12 5 pin w 300mm cable	32	500	55,5	545	67,5	Steel (Black, Painted)	30°
VL-BLL-25-500-W-24-C30	W	6500K	24VDC	20W	IP50	M12 5 pin w 300mm cable	32	500	55,5	545	67,5	Steel (Black, Painted)	30°
VL-BLL-25-600-R-24-C30	R	625nm	24VDC	16W	IP50	M12 5 pin w 300mm cable	32	600	55,5	645	67,5	Steel (Black, Painted)	30°
VL-BLL-25-600-W-24-C30	W	6500K	24VDC	24W	IP50	M12 5 pin w 300mm cable	32	600	55,5	645	67,5	Steel (Black, Painted)	30°
VL-BLL-25-700-R-24-C30	R	625nm	24VDC	19W	IP50	M12 5 pin w 300mm cable	32	700	55,5	745	67,5	Steel (Black, Painted)	30°
VL-BLL-25-700-W-24-C30	W	6500K	24VDC	28W	IP50	M12 5 pin w 300mm cable	32	700	55,5	745	67,5	Steel (Black, Painted)	30°
VL-BLL-25-800-R-24-C30	R	625nm	24VDC	22W	IP50	M12 5 pin w 300mm cable	32	800	55,5	845	67,5	Steel (Black, Painted)	30°
VL-BLL-25-800-W-24-C30	W	6500K	24VDC	32W	IP50	M12 5 pin w 300mm cable	32	800	55,5	845	67,5	Steel (Black, Painted)	30°
VL-BLL-25-900-R-24-C30	R	625nm	24VDC	24W	IP50	M12 5 pin w 300mm cable	32	900	55,5	945	67,5	Steel (Black, Painted)	30°
VL-BLL-25-900-W-24-C30	W	6500K	24VDC	36W	IP50	M12 5 pin w 300mm cable	32	900	55,5	945	67,5	Steel (Black, Painted)	30°
VL-BLL-25-1000-R-24-C30	R	625nm	24VDC	27W	IP50	M12 5 pin w 300mm cable	32	1000	55,5	1045	67,5	Steel (Black, Painted)	30°
VL-BLL-25-1000-W-24-C30	W	6500K	24VDC	40W	IP50	M12 5 pin w 300mm cable	32	1000	55,5	1045	67,5	Steel (Black, Painted)	30°
VL-BLL-25-1100-R-24-C30	R	660nm	24VDC	30W	IP50	M12 5 pin w 300mm cable	25	1100	49	1155	100	Steel (Black, Painted)	30°
VL-BLL-25-1100-W-24-C30	W	9000K	24VDC	44W	IP50	M12 5 pin w 300mm cable	25	1100	49	1155	100	Steel (Black, Painted)	30°
VL-BLL-25-1300-R-24-C30	R	660nm	24VDC	35W	IP50	M12 5 pin w 300mm cable	25	1300	49	1355	100	Steel (Black, Painted)	30°
VL-BLL-25-1300-W-24-C30	W	9000K	24VDC	52W	IP50	M12 5 pin w 300mm cable	25	1300	49	1355	100	Steel (Black, Painted)	30°
VL-BLL-25-1500-R-24-C30	R	660nm	24VDC	40W	IP50	M12 5 pin w 300mm cable	25	1500	49	1555	100	Steel (Black, Painted)	30°
VL-BLL-25-1500-W-24-C30	W	9000K	24VDC	60W	IP50	M12 5 pin w 300mm cable	25	1500	49	1555	100	Steel (Black, Painted)	30°
VL-BLL-25-1700-R-24-C30	R	660nm	24VDC	46W	IP50	M12 5 pin w 300mm cable	25	1700	49	1755	100	Steel (Black, Painted)	30°
VL-BLL-25-1700-W-24-C30	W	9000K	24VDC	68W	IP50	M12 5 pin w 300mm cable	25	1700	49	1755	100	Steel (Black, Painted)	30°
VL-BLL-25-2000-R-24-C30	R	660nm	24VDC	53W	IP50	M12 5 pin w 300mm cable	25	2000	49	2055	100	Steel (Black, Painted)	30°
VL-BLL-25-2000-W-24-C30	W	9000K	24VDC	80W	IP50	M12 5 pin w 300mm cable	25	2000	49	2055	100	Steel (Black, Painted)	30°
VL-BLL-25-2500-R-24-C30	R	660nm	24VDC	65W	IP50	M12 5 pin w 300mm cable	25	2500	49	2555	100	Steel (Black, Painted)	30°
VL-BLL-25-2500-W-24-C30	W	9000K	24VDC	100W	IP50	M12 5 pin w 300mm cable	25	2500	49	2555	100	Steel (Black, Painted)	30°

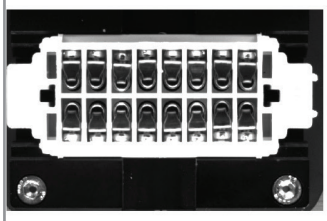
Sample Applications



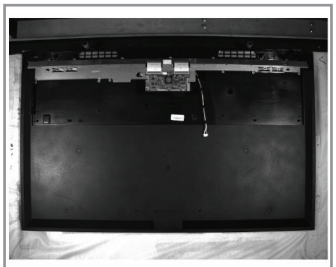
Large area counting parts, cap counting, positioning



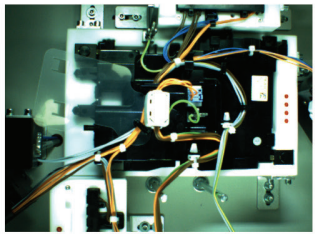
Large area linescan applications, washing machine drum



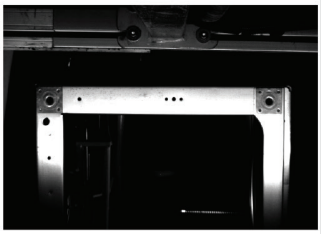
Part positioning, existance, angle checking



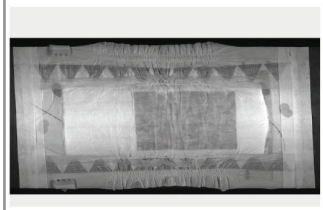
Large part positioning, orientation to robots, LCD panel



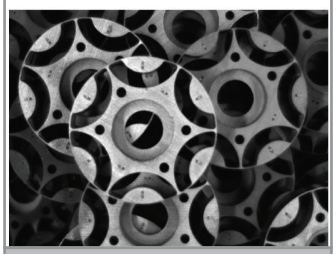
Color check, part assembling, positioning



Big metal part positioning, checking holes, classification

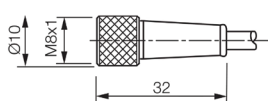
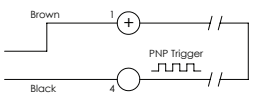
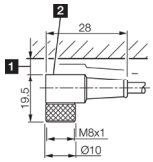
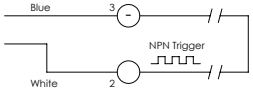


Diaper inspection, non woven inspection, web inspection



Part positioning, location on large bins

Electrical Connection

Cable	Ordering Code	Drawing/Connection
M8 female 0° with cable PVC 4x0.25 bk UL/CSA 2.5m	TKPM-Z-2.5/4	 
M8 female 0° with cable PVC 4x0.25 bk UL/CSA 4m	TKPM-Z-5/4	
M8 female 90° with cable PVC 4x0.25 bk UL/CSA 2.5m	TKPM-W-2.5/4	 
M8 female 90° with cable PVC 4x0.25 bk UL/CSA 4m	TKPM-W-5/4	

For proper light function, apply either a PNP or NPN signal, not both.

Failure to supply light with correct input current will result in inconsistent lighting behavior.
(see Product Specifications for requirements)

Pins	Function	Wire Color
1	Power In +24VDC	BROWN
2	NPN	WHITE
3	GND	BLUE
4	PNP	BLACK