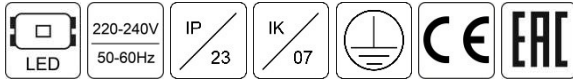


BLADE LSW LED

Product Group: Continuous Line and Batten Luminaire



Images for the product family and options:



Description: An industrial LED luminaire, IP23 rated, with white powder coated steel body and various optics for precise light control
Optics: 30x90°, 60x100°, 90x100°, asymmetric and double asymmetric light beam
Body and endcaps: steel sheet, white finish

General data: Mains voltage: 220-240V, 0/50-60Hz
Power factor: >0,95
Light source: LED
Light source included: Yes
Light distribution type: Direct/Indirect
LED lifetime, h: 75000/L80B50 (low power versions 100000/L80B50)
Operating temperature range, °C: ta 0...+40
Protection class IEC: I
Ingress protection code: IP23
Mechanical impact resistance: IK07
EEC: A++

Installation: Surface luminaire is designed to be fixed to ceiling of any type or suspended. Two cable entries are accessible from the rear though Ø19mm holes located in the middle of the body or by side entries via Ø19mm holes at either end. Push-in terminal, 5x2x2.5mm² (for in and out going cable)

Environment: Indoor

Application: Retail, industry, warehouse, hall, public place



Supplied with a hinged reflector unit, which can be opened for easy installation and access to terminal block. Just open reflector by removing lock screw, connect cable to the terminal block and close it

White painted steel cross blades for a better glare protection. For more information check option list

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Blade LSW LED1x3800 D690 T830 LS90x100	1240	96	73	3623	24,3	149	80+	3000	3,40
Blade LSW LED1x5150 D691 T830 LS90x100	1240	96	73	4930	33,9	146	80+	3000	3,40
Blade LSW LED1x7050 D692 T830 LS90x100	1240	96	73	6686	50,5	132	80+	3000	3,40
Blade LSW LED1x8850 D693 T830 LS90x100	1240	96	73	8431	61,4	137	80+	3000	3,40
Blade LSW LED1x4750 D694 T830 LS90x100	1530	96	73	4528	30,3	149	80+	3000	3,40
Blade LSW LED1x6450 D695 T830 LS90x100	1530	96	73	6163	42,3	146	80+	3000	4,00
Blade LSW LED1x8800 D696 T830 LS90x100	1530	96	73	8358	63,2	132	80+	3000	4,00
Blade LSW LED1x11050 D697 T830 LS90x100	1530	96	73	10539	75,9	139	80+	3000	4,00
Blade LSW LED1x3800 D690 T840 LS90x100	1240	96	73	3785	24,3	156	80+	4000	3,40
Blade LSW LED1x5150 D691 T840 LS90x100	1240	96	73	5148	33,9	152	80+	4000	3,40
Blade LSW LED1x7050 D692 T840 LS90x100	1240	96	73	7020	50,5	139	80+	4000	3,40
Blade LSW LED1x8850 D693 T840 LS90x100	1240	96	73	8808	61,4	143	80+	4000	3,40
Blade LSW LED1x4750 D694 T840 LS90x100	1530	96	73	4731	30,3	156	80+	4000	3,40
Blade LSW LED1x6450 D695 T840 LS90x100	1530	96	73	6435	42,3	152	80+	4000	4,00

TECHNICAL DATA SHEET

Blade LSW LED1x8800 D696 T840 LS90x100	1530	96	73	8775	63,2	139	80+	4000	4,00
Blade LSW LED1x11050 D697 T840 LS90x100	1530	96	73	11010	75,9	145	80+	4000	4,00
Blade LSW LED1x3800 D690 T840 LS60x100	1240	96	73	3785	24,3	156	80+	4000	3,40
Blade LSW LED1x5150 D691 T840 LS60x100	1240	96	73	5148	33,9	152	80+	4000	3,40
Blade LSW LED1x7050 D692 T840 LS60x100	1240	96	73	7020	50,5	139	80+	4000	3,40
Blade LSW LED1x8850 D693 T840 LS60x100	1240	96	73	8808	61,4	143	80+	4000	3,40
Blade LSW LED1x4750 D694 T840 LS60x100	1530	96	73	4731	30,3	156	80+	4000	3,40
Blade LSW LED1x6450 D695 T840 LS60x100	1530	96	73	6435	42,3	152	80+	4000	4,00
Blade LSW LED1x8800 D696 T840 LS60x100	1530	96	73	8775	63,2	139	80+	4000	4,00
Blade LSW LED1x11050 D697 T840 LS60x100	1530	96	73	11010	75,9	145	80+	4000	4,00
Blade LSW LED1x3800 D690 T840 LS30x90	1240	96	73	3785	24,3	156	80+	4000	3,40
Blade LSW LED1x5150 D691 T840 LS30x90	1240	96	73	5148	33,9	152	80+	4000	3,40
Blade LSW LED1x7050 D692 T840 LS30x90	1240	96	73	7020	50,5	139	80+	4000	3,40
Blade LSW LED1x8850 D693 T840 LS30x90	1240	96	73	8808	61,4	143	80+	4000	3,40
Blade LSW LED1x4750 D694 T840 LS30x90	1530	96	73	4731	30,3	156	80+	4000	3,40
Blade LSW LED1x6450 D695 T840 LS30x90	1530	96	73	6435	42,3	152	80+	4000	4,00
Blade LSW LED1x8800 D696 T840 LS30x90	1530	96	73	8775	63,2	139	80+	4000	4,00
Blade LSW LED1x11050 D697 T840 LS30x90	1530	96	73	11010	75,9	145	80+	4000	4,00
Blade LSW LED1x3800 D690 T840 LS2A40	1240	96	73	3665	24,3	151	80+	4000	3,40
Blade LSW LED1x5150 D691 T840 LS2A40	1240	96	73	4986	33,9	147	80+	4000	3,40
Blade LSW LED1x7050 D692 T840 LS2A40	1240	96	73	6799	50,5	135	80+	4000	3,40
Blade LSW LED1x8850 D693 T840 LS2A40	1240	96	73	8530	61,4	139	80+	4000	3,40
Blade LSW LED1x4750 D694 T840 LS2A40	1530	96	73	4582	30,3	151	80+	4000	3,40
Blade LSW LED1x6450 D695 T840 LS2A40	1530	96	73	6232	42,3	147	80+	4000	4,00
Blade LSW LED1x8800 D696 T840 LS2A40	1530	96	73	8498	63,2	135	80+	4000	4,00
Blade LSW LED1x11050 D697 T840 LS2A40	1530	96	73	10663	75,9	140	80+	4000	4,00
Blade LSW LED1x3800 D690 T840 LS1A18	1240	96	73	3586	24,3	148	80+	4000	3,40
Blade LSW LED1x5150 D691 T840 LS1A18	1240	96	73	4877	33,9	144	80+	4000	3,40
Blade LSW LED1x7050 D692 T840 LS1A18	1240	96	73	6651	50,5	132	80+	4000	3,40
Blade LSW LED1x8850 D693 T840 LS1A18	1240	96	73	8345	61,4	136	80+	4000	3,40
Blade LSW LED1x4750 D694 T840 LS1A18	1530	96	73	4482	30,3	148	80+	4000	3,40
Blade LSW LED1x6450 D695 T840 LS1A18	1530	96	73	6097	42,3	144	80+	4000	4,00
Blade LSW LED1x8800 D696 T840 LS1A18	1530	96	73	8313	63,2	132	80+	4000	4,00
Blade LSW LED1x11050 D697 T840 LS1A18	1530	96	73	10431	75,9	137	80+	4000	4,00
Blade LSW LED1x3800 D690 T840 LS90x100 WRF	1240	96	73	3506	24,3	144	80+	4000	3,40
Blade LSW LED1x5150 D691 T840 LS90x100 WRF	1240	96	73	4769	33,9	141	80+	4000	3,40
Blade LSW LED1x7050 D692 T840 LS90x100 WRF	1240	96	73	6503	50,5	129	80+	4000	3,40
Blade LSW LED1x8850 D693 T840 LS90x100 WRF	1240	96	73	8159	61,4	133	80+	4000	3,40
Blade LSW LED1x4750 D694 T840 LS90x100 WRF	1530	96	73	4382	30,3	144	80+	4000	3,40
Blade LSW LED1x6450 D695 T840 LS90x100 WRF	1530	96	73	5961	42,3	141	80+	4000	4,00
Blade LSW LED1x8800 D696 T840 LS90x100 WRF	1530	96	73	8129	63,2	129	80+	4000	4,00
Blade LSW LED1x11050 D697 T840 LS90x100 WRF	1530	96	73	10199	75,9	134	80+	4000	4,00

* tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C

PREMIUM RANGE AVAILABLE ON REQUEST (SUBJECT TO MINIMUM ORDER QUANTITY)

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Blade LSW LED1x4050 G033 T830 LS90x100	1240	96	73	3839	24,3	158	80+	3000	3,40
Blade LSW LED1x5450 G034 T830 LS90x100	1240	96	73	5224	33,9	154	80+	3000	3,40
Blade LSW LED1x7400 G035 T830 LS90x100	1240	96	73	7085	50,2	141	80+	3000	3,40
Blade LSW LED1x9350 G036 T830 LS90x100	1240	96	73	8934	61,4	146	80+	3000	3,40
Blade LSW LED1x5050 G037 T830 LS90x100	1530	96	73	4799	30,3	158	80+	3000	3,40
Blade LSW LED1x6850 G038 T830 LS90x100	1530	96	73	6531	42,3	154	80+	3000	4,00
Blade LSW LED1x9250 G039 T830 LS90x100	1530	96	73	8857	62,7	141	80+	3000	4,00
Blade LSW LED1x11650 G040 T830 LS90x100	1530	96	73	11168	75,9	147	80+	3000	4,00
Blade LSW LED1x4050 G033 T840 LS90x100	1240	96	73	4001	24,3	165	80+	4000	3,40
Blade LSW LED1x5450 G034 T840 LS90x100	1240	96	73	5445	33,9	161	80+	4000	3,40
Blade LSW LED1x7400 G035 T840 LS90x100	1240	96	73	7384	50,2	147	80+	4000	3,40
Blade LSW LED1x9350 G036 T840 LS90x100	1240	96	73	9312	61,4	152	80+	4000	3,40
Blade LSW LED1x5050 G037 T840 LS90x100	1530	96	73	5001	30,3	165	80+	4000	3,40
Blade LSW LED1x6850 G038 T840 LS90x100	1530	96	73	6806	42,3	161	80+	4000	4,00
Blade LSW LED1x9250 G039 T840 LS90x100	1530	96	73	9231	62,7	147	80+	4000	4,00
Blade LSW LED1x11650 G040 T840 LS90x100	1530	96	73	11640	75,9	153	80+	4000	4,00
Blade LSW LED1x4050 G033 T840 LS60x100	1240	96	73	4001	24,3	165	80+	4000	3,40
Blade LSW LED1x5450 G034 T840 LS60x100	1240	96	73	5445	33,9	161	80+	4000	3,40
Blade LSW LED1x7400 G035 T840 LS60x100	1240	96	73	7384	50,2	147	80+	4000	3,40
Blade LSW LED1x9350 G036 T840 LS60x100	1240	96	73	9312	61,4	152	80+	4000	3,40
Blade LSW LED1x5050 G037 T840 LS60x100	1530	96	73	5001	30,3	165	80+	4000	3,40
Blade LSW LED1x6850 G038 T840 LS60x100	1530	96	73	6806	42,3	161	80+	4000	4,00
Blade LSW LED1x9250 G039 T840 LS60x100	1530	96	73	9231	62,7	147	80+	4000	4,00
Blade LSW LED1x11650 G040 T840 LS60x100	1530	96	73	11640	75,9	153	80+	4000	4,00
Blade LSW LED1x4050 G033 T840 LS30x90	1240	96	73	4001	24,3	165	80+	4000	3,40
Blade LSW LED1x5450 G034 T840 LS30x90	1240	96	73	5445	33,9	161	80+	4000	3,40

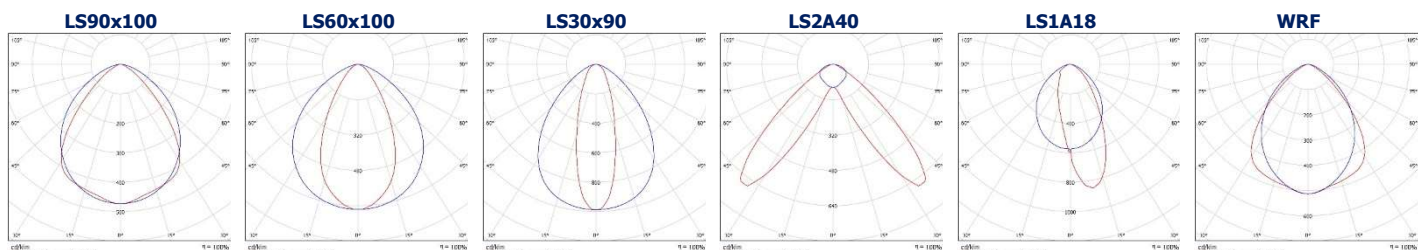
TECHNICAL DATA SHEET

Blade LSW LED1x7400 G035 T840 LS30x90	1240	96	73	7384	50,2	147	80+	4000	3,40	
Blade LSW LED1x9350 G036 T840 LS30x90	1240	96	73	9312	61,4	152	80+	4000	3,40	
Blade LSW LED1x5050 G037 T840 LS30x90	1530	96	73	5001	30,3	165	80+	4000	3,40	
Blade LSW LED1x6850 G038 T840 LS30x90	1530	96	73	6806	42,3	161	80+	4000	4,00	
Blade LSW LED1x9250 G039 T840 LS30x90	1530	96	73	9231	62,7	147	80+	4000	4,00	
Blade LSW LED1x11650 G040 T840 LS30x90	1530	96	73	11640	75,9	153	80+	4000	4,00	
Blade LSW LED1x4050 G033 T840 LS2A40	1240	96	73	3875	24,3	160	80+	4000	3,40	
Blade LSW LED1x5450 G034 T840 LS2A40	1240	96	73	5273	33,9	156	80+	4000	3,40	
Blade LSW LED1x7400 G035 T840 LS2A40	1240	96	73	7151	50,2	143	80+	4000	3,40	
Blade LSW LED1x9350 G036 T840 LS2A40	1240	96	73	9018	61,4	147	80+	4000	3,40	
Blade LSW LED1x5050 G037 T840 LS2A40	1530	96	73	4843	30,3	160	80+	4000	3,40	
Blade LSW LED1x6850 G038 T840 LS2A40	1530	96	73	6591	42,3	156	80+	4000	4,00	
Blade LSW LED1x9250 G039 T840 LS2A40	1530	96	73	8939	62,7	143	80+	4000	4,00	
Blade LSW LED1x11650 G040 T840 LS2A40	1530	96	73	11272	75,9	148	80+	4000	4,00	
Blade LSW LED1x4050 G033 T840 LS1A18	1240	96	73	3791	24,3	156	80+	4000	3,40	
Blade LSW LED1x5450 G034 T840 LS1A18	1240	96	73	5158	33,9	152	80+	4000	3,40	
Blade LSW LED1x7400 G035 T840 LS1A18	1240	96	73	6996	50,2	139	80+	4000	3,40	
Blade LSW LED1x9350 G036 T840 LS1A18	1240	96	73	8822	61,4	144	80+	4000	3,40	
Blade LSW LED1x5050 G037 T840 LS1A18	1530	96	73	4738	30,3	156	80+	4000	3,40	
Blade LSW LED1x6850 G038 T840 LS1A18	1530	96	73	6448	42,3	152	80+	4000	4,00	
Blade LSW LED1x9250 G039 T840 LS1A18	1530	96	73	8745	62,7	139	80+	4000	4,00	
Blade LSW LED1x11650 G040 T840 LS1A18	1530	96	73	11027	75,9	145	80+	4000	4,00	
Blade LSW LED1x4050 G033 T840 LS90x100 WRF	1240	96	73	3706	24,3	153	80+	4000	3,40	
Blade LSW LED1x5450 G034 T840 LS90x100 WRF	1240	96	73	5044	33,9	149	80+	4000	3,40	
Blade LSW LED1x7400 G035 T840 LS90x100 WRF	1240	96	73	6840	50,2	136	80+	4000	3,40	
Blade LSW LED1x9350 G036 T840 LS90x100 WRF	1240	96	73	8626	61,4	140	80+	4000	3,40	
Blade LSW LED1x5050 G037 T840 LS90x100 WRF	1530	96	73	4633	30,3	153	80+	4000	3,40	
Blade LSW LED1x6850 G038 T840 LS90x100 WRF	1530	96	73	6305	42,3	149	80+	4000	4,00	
Blade LSW LED1x9250 G039 T840 LS90x100 WRF	1530	96	73	8550	62,7	136	80+	4000	4,00	
Blade LSW LED1x11650 G040 T840 LS90x100 WRF	1530	96	73	10782	75,9	142	80+	4000	4,00	

* tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C

Available options:

- LS30x90 Optics with 30x90° beam angle
 - LS60x100 Optics with 60x100° beam angle
 - LS90x100 Optics with 90x100° beam angle
 - LS1A18 Optics with asymmetric beam
 - LS2A40 Optics with double asymmetric beam
 - WRF Reflector with white steel cross blades for a better glare protection
 - SDIM Driver with switch-control dimming
 - DALI Driver with DALI interface
 - HBEAIR Integrated smart sensor for high ceiling (up to 16m) and driver with wireless communication and grouping possibilities for lighting control
 - COR Driver with Corridor function (never off)
 - COR1min Driver with Corridor function 1min (switch off after 1 min)
 - COR30min Driver with Corridor function 30min (switch off after 30 min)
 - HBPIR7m Integrated PIR sensor for high ceiling (up to 7 meters) with on-off control
 - HBPIR12m Integrated PIR sensor for high ceiling (up to 12 meters) with on-off control
 - HBPIR15m Integrated PIR sensor for high ceiling (up to 15 meters) with on-off control
 - EMG Emergency version 1 hour
 - EMGB Emergency version 1 hour (best available technology)
 - EM3 Emergency version 3 hours
 - EM3B Emergency version 3 hours (best available technology)
 - EM3A Emergency version equipped with an autonomous testing system, 3 hours
 - EM3D Emergency version 3 hours with DALI interface
 - 5TB 5-pole terminal block in middle of luminaire for easy through wiring
- * note - 5TB option is included as standard
- L1 Driver connected to L1 line
 - L2 Driver connected to L2 line
 - L3 Driver connected to L3 line
 - 1G Strain relief for power supply cable
 - 2G Strain relief for power supply cable, 2pcs
 - WIE3 3-pole "Wieland - gesis classic" type or compatible connector
 - WIE5 5-pole "Wieland - gesis classic" type or compatible connector
 - WIE5D 5-pole DALI "Wieland - gesis classic" type or compatible connector
 - 2WIE3 Two 3-pole "Wieland - gesis classic" type or compatible connectors. Through wired, 3x1.5mm².
 - 2WIE5 Two 5-pole "Wieland - gesis classic" type or compatible connectors. Through wired, 5x1.5mm²
 - 2WIE5D Two 5-pole DALI "Wieland - gesis classic" type or compatible connectors. Through wired, 3x1.5mm² + 2x0.5mm² (DALI).
- * note - please specify one of L1, L2, L3 option for WIE5 and 2WIE5 options
- T830 Colour temperature 3000K, CRI 80+
 - T840 Colour temperature 4000K, CRI 80+



TECHNICAL DATA SHEET

Available accessories:

Product: WRF GRID KIT Blade LSW LED 1.2m RAL9003S

Description: Reflector with white steel cross blades for a better glare protection

Product: WRF GRID KIT Blade LSW LED 1.5m RAL9003S

Short description: Reflector with white steel cross blades for a better glare protection

**note - check RAL colour to match luminaire*



Applications:

