



# Survivor NL4040

## Anodized Aluminum Industrial Luminaire



### GENERAL INFORMATION

Mounting Module	Z track system (standard) Busbar bracket system (optional) Angle bracket system (optional) Earthquake hanger system (optional)
Operating Temperature	-20 °C / +40°C (standard) -20 °C / +80°C (optional, HOT PLUS) -40 °C / +65°C (optional, COLD PLUS)
Storage Temperature	-40°C / +80°C
Class Mounting Options	Tool-free clips system
LED Modules	Removable / Replaceable optical unit
Lens Options	30° (High-Bay), 60° (Mid-Bay) (Standart), 90° (Low-Bay), 120° (Extra Low-Bay), 39°x90° (Corridor), Project-specific lens selection (optional)
Main Reference / Company Standards	EN 60598-1, EN 60598-2-1, EN 62471, EN 60068-2-11, EN 60068-2-52, ISO 9227, ASTMB117, ASTM D3359-78, ISO 4628-2, ISO 4628-4, EN 60529, EN 62262, ANSI C136.10-2017, ANSI C136.2-2018, EN 62031, IEC 62384, ASTM D3359, EN ISO 2409, IES LM 80-15, IES LM 82-12, IES LM 84,14, IES LM 85-14, IES TM 21-11, ISO 9001, ISO14001, ISO18001, ISO5001, TS EN/ISO 17025

### HOUSING AND MATERIALS

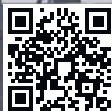
Housing	Corrosion resistant aluminum extrusion
Cap	Glass-fibre UV stabilized, auto extinguishing recyclable polymer (RAL7035)
Hinge System	Anodized aluminum
Optic	PMMA or PC
Gasket	Silicon or polyurethane without junction points
Refractor	Tempered glass min. 4mm high transparency UV resistant (optional) Tempered glass with security film (optional)
Connector	5 pin terminal connector
Standard Colour	RAL830 Anti-microbial (optional) Project-specific colour selection
Tightness Level	IP66
Impact Housing Resistance	IK10 (20 J)
Impact Glass Resistance	IK09 (standart) (10 J), IK10 (opsiyonel) (20 J)
Vibration test	IEC 68-2-6 (0.5G), ANSI C136.31 (3G-5G)

### ELECTRICAL INFORMATION

Electrical Class	Class I, Class II (optional)
Nominal Voltage	220-240V 50/60 Hz EU 110-277V 50/60 Hz (optional) NORTH AMERICA
Led Current	250mA, 350mA, 400 mA, 450mA, 500mA, 600mA, 700mA, 900mA, 1050mA, 1200mA
Power Factor	≥0.9 (at full load)
Driver	Constant current, Thermal protected, Voltage regulated, Harmonic filter protection
Surge Protection Options (kV)	6 kV (optional) 10 kV (optional) with LED signal and thermo fuse to disconnect load at the end of life 20 kV (optional) with LED signal and thermo fuse to disconnect load at the end of life
Control System	on-off (standard), Bluetooth, DALI, 1-10V DIM, Stand alone automation
Socket	NEMA 4-pin (ZHAGA book 18) (optional) NEMA 5-pin (ANSI C136.41) (optional) NEMA 7-pin (ANSI C136.41) (optional)
Sensor	PIR (optional), Photocell (optional), Daylight (optional)
Mains Connection	For cable max section 2,5 mm2 Outgoing cable H05RN-F 2/3/5 x 1,5 mm2 Length on request, (optional)
Electromagnetic Compatibility (EMC)	IEC 61000, EN 55015, IEC 61000-3-2, IEC 61000-4-5, IEC 61547, IEC 61000-3-3, IEC 61000-4-2, IEC 61000-2-2, IEC 61000-4-11, IEC 61643-11

### OPTICAL INFORMATION

Led Colour Temperature	2700K (warm white), 3000K (warm white), 4000K (neutral white) (standard), 5000K (cool white), 5700K (cool white), 6500K (cool white)
Colour Rendering Index (CRI)	CRI ≥80 CRI ≥90 (optional)
Upward Light Output Ratio (ULOR)	0%
Photobiological safety class	IEC 62471, EN 62778 EXEMPT GROUP
Testing standard	LM 79-19, EN 13032-1, EN 13032-2, (all measurements in ISO17025 accredited laboratory)
Lifetime of the LED's	Tq= 25°C, >102.000h - L70 Tq= 55°C, >102.000h - L70



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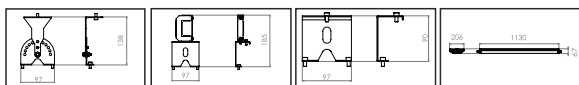
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## Anodized Aluminum Industrial Luminaire

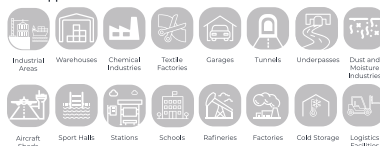


Number of Power LED's / Rating / Current	Luminaire Output Flux (lm)		W (mm)	L (mm)	h (mm)	Item / Box	Average Weight (kg)	Order Code	System Lumen / W (lm)	
	max.	min.							max.	min.
64 / 20W / 400mA	3800	2900	206	314	67	1	3.0	N4040-LED02020NW-ECC	190	145
64 / 25W / 500mA	4750	3625	206	314	67	1	3.0	N4040-LED02025NW-ECC	190	145
64 / 59W / 1200mA	11210	8555	206	314	67	1	3.0	N4040-LED02059NW-ECC	190	145
128 / 39W / 400mA	7410	5655	206	586	67	1	4.5	N4040-LED04039NW-ECC	190	145
128 / 44W / 450mA	8360	6380	206	586	67	1	4.5	N4040-LED04044NW-ECC	190	145
128 / 69W / 700mA	13110	10005	206	586	67	1	4.5	N4040-LED04069NW-ECC	190	145
128 / 103W / 1050mA	19570	14935	206	586	67	1	4.5	N4040-LED04103NW-ECC	190	145
192 / 37W / 250mA	7030	5365	206	858	67	1	6.0	N4040-LED06037NW-ECC	190	145
192 / 52W / 350mA	9880	7540	206	858	67	1	6.0	N4040-LED06052NW-ECC	190	145
192 / 59W / 400mA	11210	8555	206	858	67	1	6.0	N4040-LED06059NW-ECC	190	145
192 / 67W / 450mA	12730	9715	206	858	67	1	6.0	N4040-LED06067NW-ECC	190	145
192 / 89W / 600mA	16910	14935	206	858	67	1	6.0	N4040-LED06089NW-ECC	190	145
192 / 103W / 700mA	19570	14935	206	858	67	1	6.0	N4040-LED06103NW-ECC	190	145
192 / 133W / 900mA	25270	19285	206	1130	67	1	6.0	N4040-LED06133NW-ECC	190	145
192 / 155W / 1050mA	29450	22475	206	1130	67	1	6.0	N4040-LED06155NW-ECC	190	145
192 / 177W / 1200mA	33630	25665	206	1130	67	1	6.0	N4040-LED06177NW-ECC	190	145
256 / 69W / 350mA	13110	10005	206	1130	67	1	8.0	N4040-LED08069NW-ECC	190	145
256 / 79W / 400mA	15010	11455	206	1130	67	1	8.0	N4040-LED08079NW-ECC	190	145
256 / 89W / 450mA	16910	12905	206	1130	67	1	8.0	N4040-LED08089NW-ECC	190	145
256 / 99W / 500mA	18810	14355	206	1130	67	1	8.0	N4040-LED08099NW-ECC	190	145
256 / 118W / 600mA	22420	17110	206	1130	67	1	8.0	N4040-LED08118NW-ECC	190	145
256 / 138W / 700mA	26220	20010	206	1402	67	1	8.0	N4040-LED08138NW-ECC	190	145
256 / 207W / 1050mA	39330	30015	206	1402	67	1	8.0	N4040-LED08207NW-ECC	190	145
256 / 237W / 1200mA	45030	34365	206	1402	67	1	8.0	N4040-LED08237NW-ECC	190	145
320 / 89W / 350mA	16910	12905	206	1402	67	1	10.0	N4040-LED10089NW-ECC	190	145
320 / 99W / 400mA	18810	14355	206	1402	67	1	10.0	N4040-LED10099NW-ECC	190	145
320 / 111W / 450mA	21090	16095	206	1402	67	1	10.0	N4040-LED10111NW-ECC	190	145
320 / 123W / 500mA	23370	17835	206	1402	67	1	10.0	N4040-LED10123NW-ECC	190	145
320 / 148W / 600mA	28120	21460	206	1402	67	1	10.0	N4040-LED10148NW-ECC	190	145
320 / 296W / 1200mA	56240	42920	206	1402	67	1	10.0	N4040-LED10296NW-ECC	190	145

Depending on the luminaire configuration. For more details, please contact us.  
Tolerance on LED flux is +/-7% and on total luminaire power +/- 5%.



### Main Applications



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