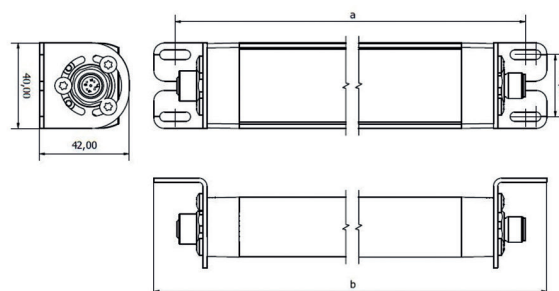


HELULIGHT® SOLID40

cascadable, extremely robust, oil resistant



PHOTOMETRIC DATA

LED Machine Luminaire acc. to DIN VDE 0711-1 / DIN EN 60598-1 / IEC 60598-1

Lighting element	LED
Light colour	5700 K
Efficiency, gross	162 lm/W
Efficiency, net	105 lm/W
Beam angle	100 °
Colour fidelity	RA/CRI >80
Photobiological risk group	RG-1

■ TECHNICAL SPECIFICATIONS

- Housing material: Aluminium
- Cover material: PMMA, diffused
- Rotatable
- Minimum operating temperature: -20°C
- Maximum operating temperature: 50°C
- Minimal lifespan: 60000 h
- Mounting: 2x brackets (included)
- Protection class: IP67

■ ELECTRICAL SPECIFICATIONS

- Power supply: 24 VDC
- Connection: M8, 4-pol, A-Cod
- Dimmability: PWM
- Pin configuration: P1: +WH / P2: NC / P3: -GND / P4: NC

■ APPLICATION

The HELULIGHT® SOLID40 is used to illuminate machines and systems in harsh, industrial environments, particularly on machine tools. This robust, surface-mounted luminaire is designed for use in applications featuring cooling lubricants, oils, and mechanical loads. It can be flexibly installed using groove channels and a swivel bracket, meaning it can be flexibly adjusted to fit different mounting situations providing for the optimal orientation of the light on the workspace.

■ TESTS

- EMC-interference emissions acc.to DIN VDE 0875-15-1 / DIN EN 55015
- EMC-interference resistance acc.to DIN VDE 0875-15-2 / DIN EN 61547
- Photobiological risk group acc.to DIN VDE 0837-471 / DIN EN 62471
- UL E-File number E494369

not daisy-chainable

Part no.	Length mm	Dimension (a) in mm	Dimension (b) in mm	Power in watts R/G/B/W	Luminosity gross in lumens R/G/B/W	Luminosity net in lumens R/G/B/W	Weight kg, approx.
11023448	140	220.0	240.0	- / - / - / 3.3	- / - / - / 540	- / - / - / 339	0.43
11023449	315	395.0	415.0	- / - / - / 8.3	- / - / - / 1349	- / - / - / 846	0.65
11023450	490	570.0	590.0	- / - / - / 13.3	- / - / - / 2159	- / - / - / 1354	0.99
11023451	665	745.0	765.0	- / - / - / 18.3	- / - / - / 2969	- / - / - / 1862	1.24
11023452	990	1070.0	1090.0	- / - / - / 26.6	- / - / - / 4318	- / - / - / 2708	1.70

daisy-chainable

Part no.	Length mm	Dimension (a) in mm	Dimension (b) in mm	Power in watts R/G/B/W	Luminosity gross in lumens R/G/B/W	Luminosity net in lumens R/G/B/W	Weight kg, approx.
11024137	140	220.0	240.0	- / - / - / 3.3	- / - / - / 540	- / - / - / 339	0.44
11024140	315	395.0	415.0	- / - / - / 8.3	- / - / - / 1349	- / - / - / 846	0.66
11024143	490	570.0	590.0	- / - / - / 13.3	- / - / - / 2159	- / - / - / 1354	1.00

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Part no.	Length mm	Dimension (a) in mm	Dimension (b) in mm	Power in watts R/G/B/W	Luminosity gross in lumens R/G/B/W	Luminosity net in lumens R/G/B/W	Weight kg, approx.
11024146	665	745.0	765.0	- / - / - / 18.3	- / - / - / 2969	- / - / - / 1862	1.26
11024149	990	1070.0	1090.0	- / - / - / 26.6	- / - / - / 4318	- / - / - / 2708	1.72