

# SCORPIUS GO 420

Our entry-level Scorpius GO 420 is easy to use. It is lighter in weight than the original Scorpius work light, and the light pattern options are three: flood, wide flood and high beam. Useful in construction, forestry, agriculture, and material handling, the Scorpius GO product family has a square form factor and pedestal mounting. The Scorpius GO 420 produces zero emissions (EMC CISPR 25 class 5) and its light output is 2000 lumens. The Scorpius GO 420 is also available as a MIL-STD-461 compliant version with the Wide Flood light pattern.



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

## TECHNICAL DATA

|                           |                               |                        |                                                                                                          |
|---------------------------|-------------------------------|------------------------|----------------------------------------------------------------------------------------------------------|
| Theoretical Lumens Output | 3000 lm                       | Vibration              | 8Grms 24-2000Hz                                                                                          |
| Operational Lumens Output | 2000 lm                       | Lens                   | PC                                                                                                       |
| Colour Temperature        | 5000 K                        | Body / Housing         | Aluminum                                                                                                 |
| Nominal Voltage DC        | 12 - 24 V                     | Weight                 | 0.6 kg                                                                                                   |
| Input Voltage DC          | 9 - 16 V<br>18 - 32 V         | IP Rating              | IP68, IP6K9K                                                                                             |
| Power Consumption         | 29 W                          | Salt Spray Test        | ISO 9227 240H                                                                                            |
| Nominal Current at        | 24V=1.05A, 12V=1.85A          | EMC                    | CISPR 25 Class 5, EN12895,<br>ISO 13766, ISO 14982, ISO<br>7637-2                                        |
| Connector                 | Built-in Deutsch DT-2 (2-pin) | Operating Temperatures | -40°C... +85°C (Overheat<br>protected)                                                                   |
| Mount                     | Single Bolt M8 / M10          | Electronics            | Isolated                                                                                                 |
| Shock                     | 60G                           | Part Numbers           | High Beam: 988-297B, Flood:<br>988-203B, Wide Flood:<br>988-204B, Wide Flood (MIL-<br>STD-461): 988-528B |

## CONNECTORS



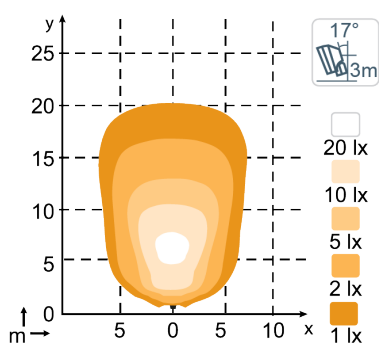
Built-in Deutsch DT-2 (2-pin)

## KEY FEATURES

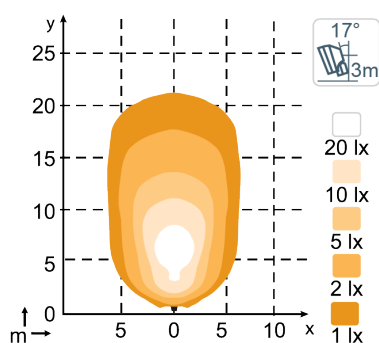
- Dimmable & Cost-effective all-rounder
- Operational lumens output: 2000lm
- Pure performance in a compact design

## LIGHT PATTERNS

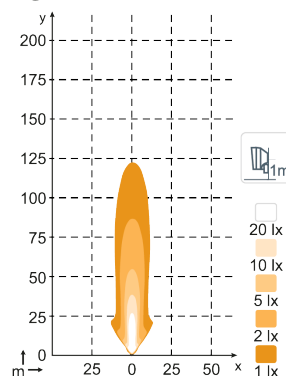
**Scorpius GO 420, 2000lm  
Wide Flood**



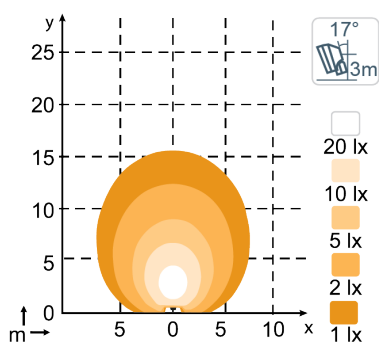
**Scorpius GO 420, 2000lm  
Flood**



**Scorpius GO 420, 2000lm  
High Beam**



**Scorpius GO 420, 1800lm  
Diffused**



## DRAWINGS

