

## Wolf® R-50 Rechargeable Safety Torches

**Article Number:** 08010453

### Certification & Compliance:

- Suitable for use in Zones 1, 2
- Gas Group: IIA, IIB, IIC
- Temperature Class: T4
- Complies with EN IEC 60079-0 and EN 60079-11 standards.
- EX I M2 / II 2GD

Ex ib I Mb / IIC T4 Gb (-20°C/-30°C/-40°C ≤ Ta ≤ +40°C)

Ex ib IIIB T200°C Db

### Technical Specifications:

- **Light Source:** High-power LED
- **Light Source Output (Lumens):** High Power - Up to 300lm / Low Power - Up to 172lm
- **Brightness Duration:** High Power - Up to 3.5hrs / Low Power - Up to 6.5hrs
- **Body Material/Lens:** Impact Resistant Thermoplastic, Chemical Resistant, Static Dissipative / Toughened Glass 4mm
- **Power Source:** Rechargeable Battery, Lithium-Ion
- **Ingress Protection:** IP67
- **Weight (Inc. Cells):** 0.375kg



### Standards



Ex-Proof (ATEX)



IECEx



CE 0598



LR Certificate

## TECHNICAL DETAILS

Product Reference		R-50	R-55
Product Description		Rechargeable Right Angle Safety Torch	
		Zone 1 LED	Zone 0 LED
Code		I M2/II 2GD Ex ib I Mb/IIC T4 Gb (-40°C ≤ Ta ≤ +40°C)	I M1/II 1G2D Ex ia I Ma/IIC T4 Ga (-40°C ≤ Ta ≤ +40°C)
		Ex ib IIIB T200°C Db IP67	Ex ib IIIB T200°C Db IP67
Type of Protection		'ib' intrinsic safety	'ia' intrinsic safety
Area of Classification (Gas)		Zones 1 & 2	Zones 0, 1 & 2
		Gas Groups IIA, IIB and IIC	Gas Groups IIA, IIB and IIC
Temperature Class (Gas)		T4	
Area of Classification (Dust)		Zones 21 & 22	
		Dust Groups IIIA and IIIB	
Max. Surface Temp. (Dust)		T200°C	
Ambient Temperature		-40°C to +40°C	
Certificate		Baseefa05ATEX0069X / IECExBAS06.0001X / BAS21UKEX0438	
Enclosure		Impact Resistant Thermoplastic, Chemical Resistant, Static Dissipative	
Lens		Toughened Glass 4mm	
Beam Type		High Output Spot Beam	
Light Source:	Type	High Power LED	

<b>Watts</b>	3 Watts	
<b>Output</b>	High Power - Up to 300lm / Low Power - Up to 172lm	
<b>Life</b>	25,000hrs+ (Fitted For Life)	
<b>Power Source:</b>	<b>Part No.</b>	R-271
	<b>Type</b>	Rechargeable Battery, Lithium-Ion
	<b>Volts</b>	7.4V
	<b>Capacity / Life</b>	2.4Ah / Up to 500 Recharge Cycles
<b>Light Duration</b>	High Power - Up to 3.5hrs / Low Power - Up to 6.5hrs	
<b>Ingress Protection</b>	IP67	
<b>Weight (inc. cells)</b>	0.375 Kg	
<b>Chargers</b>	12-24Vdc RC-200L / 90-264Vac RC-200H	
<b>Recharge Time</b>	3.0 hours (90% in 1.5 hours)	
<b>Product Reference</b>	R-50	R-55

