

Zone



LED

IP 68



- For inspection and maintenance work

Sigma 4AA / DS-14 / 3C



Push Button



LED

TECHNICAL DATA type Sigma 4AA

Apparatus category:	II 1G
Marking of explosion protection:	Ex ia IIC T4 Ga
Ambient temperature:	-20 °C ≤ T _a ≤ +40°C
Degree of protection:	IP 68
Luminous flux:	High: 185lm Low: 70lm Flashing: 180lm
Lenght of light beam:	130 m
Battery:	4x AA type
Autonomy:	app. 14 hours
Weight:	100 g (without battery)
Dimension:	175x45x45 mm



TECHNICAL DATA type DS-14 (headlamp)

Apparatus category:	II 1G
Marking of explosion protection:	Ex ia IIC T4 Ga
Ambient temperature:	-20 °C ≤ T _a ≤ +40°C
Degree of protection:	IP 67
Luminous flux:	75 lm / low mode , 215 lm / High mode
Lenght of light beam:	75 m / 100 m
Battery:	3x AAA type
Autonomy:	app. 4 hours
Weight:	145 g (without battery)
Dimension:	80x50x45 mm



RoHS



TECHNICAL DATA type SA-SIGMA-3C

Apparatus category:	II 1G
Marking of explosion protection:	 Ex ia IIC T4 Ga
Ambient temperature:	$-20\text{ °C} \leq T_a \leq +40\text{ °C}$
Degree of protection:	IP 68
Luminous flux:	57 / 150 lm
Length of light beam:	154 / 248 m
Battery:	3x C type
Autonomy:	app. 42 / 70 hours
Weight:	190 g (without battery)
Dimension:	220x60x85 mm



12 Ø5 LEDs



Push Button

DF2001 / SIGMA RA



- For inspection and maintenance work
- DF 2001 is a rechargeable flashlight which designed with ergonomics pistol grip for comfortable hold and lithium ion battery allows the flashlight to run for 9 hours of continuous use on high mode.

CONSTRUCTION

Aluminum heat sink to enhance LED efficiency.
Designed reflector for long distance lighting.
Tough and durable casing.
High impact lens.
Ergonomics handle design.

TECHNICAL DATA type DF2001

Apparatus category:	II 1G I M1
Marking of explosion protection:	Ex ia op is IIC T4 Ga I M1 Ex ia op is I Ma
Ambient temperature:	-20 °C ≤ T _a ≤ +40°C
Degree of protection:	IP 54
Mode:	High/ Middle/ Low/Off
Light Output :	(H)222 lm / (M)69 lm / (L)11 lm
Lenght of light beam:	(H)270 m / (M)240 m / (L)110 m
Battery:	2*2200 mAh 18650 Li-Batteries
Autonomy:	H:4 hrs15 min / M:14 hrs / L: 82 hrs
Weight:	1,2 kg
Dimension:	256x136x170 mm



Rechargeable flashlight/ torchlight

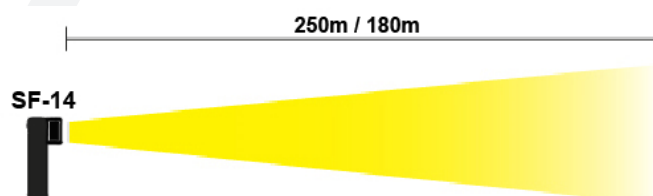


CONSTRUCTION

Air free heat shrink design to enhance LED heat dissipation
With stainless belt/ pocket clip
Valve design to help hydrogen gas released

TECHNICAL DATA type SIGMA RA

Apparatus category:	II 1G I M1
Marking of explosion protection:	 Ex ia IIC T4 Ga Ex ia I Ma
Ambient temperature:	-20 °C ≤ T _a ≤ +40°C
Degree of protection:	IP 54
Mode:	High/Low/ Off
Light Output :	(H)323 lm / (L) 140 lm
Lenght of light beam:	(H)250 m / (L)180 m
Battery:	2*AA
Autonomy:	H:6 hrs 30 min / L: 13 hrs
Weight:	250 g
Dimension:	183x69x63 mm



All technical data is relevant at the time of print.