



SUBJECT **Update on personal illumination for our firefighters**

DATE 11 May 2022

TO Operational personnel only

FROM Russell Wood, Deputy Chief Executive

STATUS Information only

Situation

- On [2 July](#) and [11 November](#) last year, I gave updates on the subject of personal illumination for operational firefighters.
 - In the 11 November update, I advised that the Chief Executive and Executive Leadership Team (ELT) had approved the issue of an appropriately specified (standardised) Firefighter Illumination Capability (FIC - torch) as a one-time personal issue to Fire and Emergency operational personnel.
 - I advised that the FIC would be sourced and delivered in accordance with Fire and Emergency's existing 'introduction into service' practices (a national rollout) and that we anticipated that rollout to occur progressively towards the end of this financial year and potentially early in Financial Year 2022/23.
 - This timeline was to consider the requirement to undertake a formal procurement process and the global supply and distribution challenges we are experiencing, caused in part by the COVID-19 pandemic, in sourcing and having delivered, an appropriate torch.
 - The procurement process was conducted over the February to April period. The request for proposal (RFP) on the Government Electronic Tender System (GETS) saw 20 suppliers access it, four responded with a proposal, of which one withdrew at their own request.
 - The eight-person evaluation panel individually assessed each of the three proposals and then assembled for panel moderation of the proposals. Two proposals (torches) were short listed from this evaluation.
 - The evaluation panel then received one of each product for a form, fit and functional evaluation, again individually and then as a panel for final moderation.
 - Based on the outcome of the evaluation, the selected FIC was recommended to DCE OSCD as the FIC sponsor. The Sponsor agreed with the evaluation panel's recommendation.
 - Contract negotiation with the successful supplier occurred over the week 2-6 May 2022.
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The FIC selected by Fire and Emergency NZ

- Fire and Emergency NZ has selected the Pelican™ 3415M, Right Angled Light supplied by Pelican Products Inc (www.pelican.com) through Fire Rescue Safety NZ (FRSNZ) as the Pelican agent in NZ.
- The 3415M torch is a pocket or loop carried torch that fully meets Fire and Emergency’s FIC specification.
- An abridged product data sheet (PDS) for the Pelican™ 3415M torch is below.



3415M

Right Angle Light

The most versatile intrinsically safe work light in the world, with magnet clip.

The 3415M (magnet version) is the ultimate safety certified compact work light. The Class I II III Division 1 certifications provide the security needed for most hazardous locations. The 3410M is equipped with both a spot and flood LED for close-up as well as distance, so you can have wide area light in the immediate work area and still penetrate darkness hundreds of yards away. It can be activated to run one or both LEDs with 3 levels of brightness. The articulating head and built-in clip allows the light to be directed wherever it is needed, while a heavy duty magnet allows the light to be snapped to steel surfaces. The full time battery level indicator ensures you will always know where your battery status is.

The Pelican 3415M- a professional grade multi-task lighting tool that will help you get the job done- under any circumstances.

- Articulating Light Head
- Full Time Battery Level Indication
- Class I, Class II, Class III - Division 1 Safety Certified
- Attached clip with integrated magnet
- Security Lanyard
- Split ring installed
- 2 modes: spot, flashing




DIMENSIONS

Length	7.44" (18.9 cm)
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MATERIALS

Body	ABS
O-Ring	NBR
Lens	Polycarbonate (PC)
Shroud	ABS
Clip	ABS
Contact Spring Retainer	Stainless Steel / Phosphore Bronze / Brass Nickel Plate

COLORS

 High Visibility Yellow
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LIGHT SPECS

Lamp Type LED
Lamp Secondary Type LED

POWER

Battery Size AA
Battery Type Alkaline
Battery Quantity 3
Volts 4.5v

WEIGHT






Weight With Batteries 9.6 oz (272 gr)
Weight Without Batteries 7.1 oz (201 gr)

SWITCH

Switch Type Push Button
Light Modes High / Flashing

CERTIFICATIONS

Class I, Division 1
Class II, Division 1
Class III, Division 1
IECEX ia

FL1 STANDARD	SPOT / FLOOD	FLOOD	SPOT
	336 LUMENS	177 LUMENS	186 LUMENS
	6h 0mins	15h 0mins	14h 0mins
	133m	37m	135m
	4418cd	336cd	4544cd
	IPX8 (1m)		

Delivery and rollout

- Production and delivery of the torches to Fire and Emergency operational firefighters will occur from July to December 2022. Pelican Products Inc will satisfy our requirement with a special production run of circa 13,000 torches which will be delivered dependent on global shipping availability.
- Further rollout detail will be provided when delivery schedules are confirmed.

Contact

For further information, please contact Charlie Lott, National Manager, Equipment and Logistics charlie.lott@fireandemergency.nz

End of Notice.
