



Light on rejects
Light on waste
Bright on application

The Encore® nLighten™ LED kit

Performance by design

 **Nordson**

Because more light helps you coat more right

The must-have accessory for the Encore manual spray gun range that's precisely what powder coating perfectionists have been looking for: The Encore nLighten LED kit*.

It's a fast, convenient, and safety-approved way to instantly project a powerful beam of LED light from the Encore manual gun. This effectively lights up the surface being coated, and allows easy inspection and approval of the work, even in the dustiest and darkest working environments.

Reduce or eliminate rejects or rework

The powerful light beam projected from the simple LED unit effectively highlights deep recesses and cavities. Any imperfections or missed areas are quickly identified and addressed by the operator on the fly.

Reduce material waste

In dark or dusty working environments, many operators 'spray and pray' due to poor visibility. Optimum light levels enable precisely targeted powder application to reduce waste and save on material costs.

With 42% of customers surveyed claiming light paint coverage as their biggest cause for rejects and rework, teaming them up with Encore nLighten is the bright way to maintain the highest quality in the lowest visibility.

Increase efficiency

This all-in-one application and inspection tool gives every operator the power to both spray and inspect, reducing the need for post-coating quality checks.

Improve safety

Using un-rated potential ignition sources in airborne dust cloud environments is a dangerous combination. Rated for use in all powder coating environments, you can trust the Encore nLighten LED kit to provide safe, reliable illumination in hazardous areas.



Encore nLighten LED kit – light off.
This is typical of working environments without lighting.



Encore nLighten LED kit – light on.
Focused light beam for easy inspection during and after spraying.

* Patent pending features include the Encore nLighten LED kit, the kit's integration into the gun controls and the use of the gun as a power source for the light.

Variable brightness

When the gun trigger is released, the LED gets even brighter for coating inspection purposes.

Stays on for 15 seconds after spraying

For instant inspection, the light remains active for a short period after spraying is finished.

Integrated add-on unit

With simple, fast installation, the LED kit seamlessly integrates with your Encore gun.

Trigger activated on switch

Squeezing the trigger to spray powder also turns on the LED for instant illumination.

Re-trigger to turn light back on

Need illumination for a longer period? Simply tap the trigger to switch the beam back on.

Energy efficient

The nLighten LED kit is powered by the gun itself during spraying, and then by batteries in inspection mode.

Lightweight

Weighing in at just 133g, the nLighten LED kit is designed for one-handed gun operation.

Easy to retrofit on all Nordson Encore manual guns

Assemble and fit in five easy steps.



Reduce or eliminate rejects or rework

Nordson's Encore spray gun range is already the best performing and most respected in the powder coating world, with operator benefits that include:

- **Lightweight (497g)**
- **Ergonomic and well-balanced**
- **Versatile nozzles and accessories**

With the addition of the Encore nLighten LED kit, users can add powerful, safe, lightweight, and controllable illumination to its impressive list of capabilities.

See The Benefits

When we asked powder coaters what would make their working lives easier, the answer was most illuminating; more light to enable accurate application and effective inspection. So that's exactly what Encore nLighten provides. Learn more at: nordsoncoating.com/nLighten

Specifications

Primary cell type:	Only use (2) 1.5 V "AA" Alkaline (ANSI-15A, IEC-LR6) batteries
Recommended cell manufacturers:	Energizer EN91 Alkaline
Ambient temperature rating:	+15 to +40° C (59 to 104° F)
Max. relative humidity	5% non-condensing
Hazardous location rating for light:	Rated for use in all powder coating environments
Dust ingress protection:	IP6X
LED Output:	
Application mode:	33 lumens (1195 lux)
Inspection mode:	65 lumens (2313 lux)

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Why choose Nordson

In highly competitive manufacturing markets, productivity is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or outstanding customer service. We'll always be there to help maintain the new standards you've set, with expert service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

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Performance by design

