

# NEWTON

## Product Image

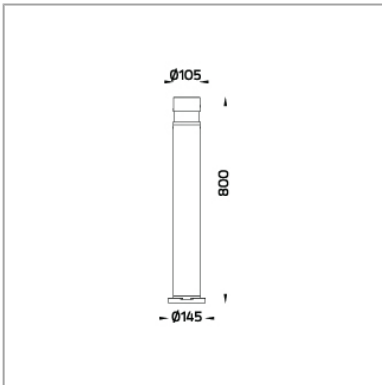


## Project Data

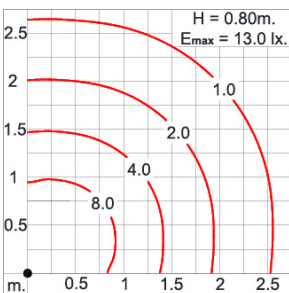
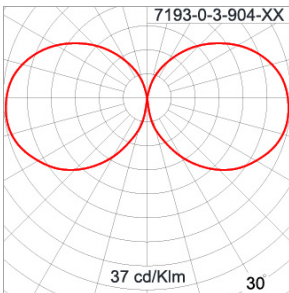
Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Remarks: \_\_\_\_\_  
 Approve by: \_\_\_\_\_

Application Type: BOLLARDS  
 Product Name: NEWTON3 Round - Bollard  
 Ordering Code: 7193-0-3-904-XX  
 Lamp Type: LED  
 Socket: N/A  
 Watt: 13 W  
 Lumen: 1590 lm  
 Beam: N/A  
 Kelvin: 4000 K

## Dimension



## Light Distribution



\*Due to the constancy of product development,  
 we reserve the right to alter all specification  
 without prior notice.

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## Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires
Protection	IP65 Class II
IK Rating	Protection against mechanical impact IK07 on body and optical part.
Luminaires Body Housing	Extruded Aluminium 6063 alloy body with low copper content. High-pressure Die Cast Aluminium alloy body and components.
Coating Process	Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.
Diffuser	Self-extinguishing high impact resistant opal polycarbonate diffuser with UV stabilized additive. Material from Teijin – Japan.
Gasket	Weather resistant silicone gasket. Working temperature -40°C to +200°C.
External screws	External screws are in stainless steel with protection dipping.
Cable Entry	Cable entry protected by weather proof EPDM grommet and to be used with H05RN-F/ H07RN-F cable with 7-10mm. diameter.
LED	High efficiency LED module in COB technology from Citizen – Japan. Assembled on MCPCB and mounted on to heat conductive material. The whole systems tested to be operated under maximum ambient environment up to +40°C.
Driver	High quality constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.
Internal wire	Tinned copper conductor with silicone insulated internal wire from ENCO or equivalents. IMQ approved. Working temperature -40°C to +180°C.
Terminal Block/ Connector	Terminal block in GFR PA6.6 for cable with cross section up to 2.5mm <sup>2</sup> . VDE approved.
Pre-wired cable	Pre-wired with 2x1.0mm. H07RN-F neoprene cable from Aristoncavi or equivalents. IMQ approved. Equipped with anti-humidity kit.
Caution	Installation work has to be carried on according to the enclosed installation manual.
Color	Black (replace the last 2 digits of ordering code with 01) Graphite (replace the last 2 digits of ordering code with 02) Dark Gray (replace the last 2 digits of ordering code with 03) Aluminium Silver (replace the last 2 digits of ordering code with 04) White (replace the last 2 digits of ordering code with 06)

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## Accessories



Ordering Code: 9-2016-00  
Anchor bolt kit for concrete  
foundation installing.  
(for round Bollard)