


DECLARATION OF CONFORMITY



Document N°: 3NF00ESSENZA02

We, the manufacturer ELEMENTI S.r.l. declare under our responsibility for the product:

	Product identification:	Product codes:
	ESSENZA S HP streetlight ESSENZA M HP streetlight	<p>ESSENZA S HP x-36-y-z (x=28,36,44,52,60,68,76,85; y=40,30,27,22; z= optics code)</p> <p>ESSENZA M HP x-72-y-z (x=88,103,119,136,152; y=40,30,27,22; z= optics code)</p>
	Description: LED Luminaire	

The designated products are in conformity with the essential requirements of the following European Directives:

Low Voltage Directive (LVD) - 2014/35/EU
Electromagnetic compatibility Directive (EMC) - 2014/30/EU
RoHS Directive - 2011/65/EU
Energy Related Product Directive (ErP) - 2009/125/EU and its Commission Regulation (EU) N° 1194/2012

And harmonized standards:

Standard	Edition	Title
EN 62471	2008	Photo biological safety of lamps and lamp systems
EN 60598-1	2015	Luminaires – Part 1: General and safety requirements
EN 60598-2-3+A1	2003+ 2011	Luminaires – Part 2-3: Particular requirements – Luminaires for road and street lighting
EN 61547	2009	Equipments for general lighting purposes – EMC immunity requirements
EN 61000-3-2	2014	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)
EN 61000-3-3	2013	Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, fluctuations and flicker for equipment with rated current up to and including 16 A.
EN 55015	2013	Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipments.
EN 62493	2015	Assessment of lighting equipment related to human exposure to electromagnetic field
EN 62722-1	2016	Luminaire performance – Part 1: General requirements
EN 62722-2-1	2016	Luminaire performance – Part 2-1: Particular requirements for LED luminaires

Signed for and on behalf of:
Place and date of issue:

ELEMENTI S.r.l.- Alberto Biella (CEO)
Burago di Molgora, 25.09.2023

