

Resource Summary Report

Generated by PRECISE-TBI on Aug 12, 2026

CoolLED: pE-300ultra

RRID:SCR_021972

Type: Tool

Proper Citation

CoolLED: pE-300ultra (RRID:SCR_021972)

Resource Information

URL: <https://www.cooled.com/products/pe-300ultra/>

Proper Citation: CoolLED: pE-300ultra (RRID:SCR_021972)

Description: Highly controllable fluorescence microscopy Illumination System which offers broad spectrum LED illumination for imaging most common fluorophores. System offers precise control over wavelength irradiance and shuttering. Used for LED microscope lighting.

Resource Type: instrument resource

Keywords: CoolLED, LED microscope lighting, LED illumination, imaging, fluorophores, control over wavelength irradiance and shuttering, instrument, equipment, USEDit

Availability: Restricted

Resource Name: CoolLED: pE-300ultra

Resource ID: SCR_021972

Alternate IDs: , Model_Number_pE-300ultra

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260808T190222+0000

Ratings and Alerts

No rating or validation information has been found for CoolLED: pE-300ultra.

No alerts have been found for CoolLED: pE-300ultra.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Bearss RJ, et al. (2025) Activation of ionotropic and group I metabotropic glutamate receptors stimulates kisspeptin neuron activity in mice. Journal of neuroendocrinology, 37(1), e13456.

Maltsev DI, et al. (2024) Human TRPV1 is an efficient thermogenetic actuator for chronic neuromodulation. Cellular and molecular life sciences : CMLS, 81(1), 437.

Chen L, et al. (2023) Reduced thalamic excitation to motor cortical pyramidal tract neurons in parkinsonism. Science advances, 9(34), eadg3038.