

DATASHEET · OPTOGENETICS & PHOTOMETRY

Optogenetics System.

SKU RWD-IOS-465/IOS-589/IOS-635 Spec v1 Rev. 2026-07-09

DATASHEET · P
RWD-IOS-465/IOS-589/IOS-635
 Rev 2026-07-09



PRODUCT FAMILY
 ANIMAL MODEL
 APPLICATION
 COUNTRY OF ORIGIN
 MFG. STANDARD
 LOT TRACEABLE **No**
 VERIFIED **Spec v1 · 2026-07-09**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

PRODUCT TYPE	variable	MODEL	IOS-465, IOS-589, IOS-635
CHANNELRHODOPSIN_HOMOLOG	Over 60 discovered	LIGHT_CONTROL	Multicolor stimulation capability
DELIVERY_METHOD	Viral vectors in transgenic animals	BEHAVIORAL CONSTRUCT	Operant Conditioning, Fear Conditioning, Spatial Memory, Social Interaction, Drug Self-Administration, Motor Coordination, Anxiety-like Behavior, Depression-like Behavior
AUTOMATION LEVEL	semi-automated	SPECIES	Mouse, Rat
BRAND	RWD	RESEARCH DOMAIN	Addiction Research, Anxiety and Depression, Behavioral Pharmacology, Learning and Memory, Motor Function, Neurodegeneration, Neuroscience Pain Research, Social Behavior
DIMENSIONS LxWxH (MM)	34.0 × 39.0 × 33.0	WEIGHT (KG)	8.27
AVAILABILITY	In stock		

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
1	Optogenetics System	RWD-IOS-465/IOS-589/IOS-635



Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

RWD-10S-465/ 10S-589/ 10S-635 · DATASH

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Optogenetics System

MATERIALS REFERENCE

0 MATERIALS

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COM

OPERATING

TEMPERATURE
 HUMIDITY
 PRESSURE

STORAGE

TEMPERATURE
 HUMIDITY
 ORIENTATION

STERILIZATION & CLEANING

AUTOCLAVE
 GAMMA
 AVOID

ETO
 WIPE

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
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Specifications verified against current published product data. Verified 2026-07-09 · Since 2026-07-09.

Cite: ConductScience RWD-IOS-465/ IOS-589/ IOS-635, Spec v1, 2026-07-09. conductscience.com/lab/optogenetics-system

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