Nice
Developer Partners

oelo

Integration Note

Manufacturer:	Oelo Lighting
Model Number(s):	Lighting Controller
Core Module Version:	OS 8.9.34+
Driver Developer:	Cindev
Document Revision Date:	3.28.2025

Overview & Supported Features

This driver connects Nice systems to an Oelo Lighting controller to control outdoor holiday lighting via a Local IP address. Use this driver to create lighting pages to execute scenes or lighting patterns as Oelo calls them on your customers' UI's.

THE FOLLOWING OPTIONS ARE SUPPORTED BY [THIS DRIVER]:

- Individual Lighting Zone Control
    - Turn On/Off
    - Set Level (0-100%) brightness
    - Set RGB Color
- Execute Pre-Built Lighting Scenes (Patterns)
    - See table at end of this document for a complete list of patterns
    - Each Scene can be assigned to specific Lighting Zones

THE FOLLOWING OPTIONS ARE NOT SUPPORTED BY [THIS DRIVER]:

- Color Temperature control values
- Adjusting the brightness of a lighting zone of a pattern/scene. All Pattern/Scenes will be 100% brightness.

Any feature not specifically noted as supported should be assumed to be unsupported.

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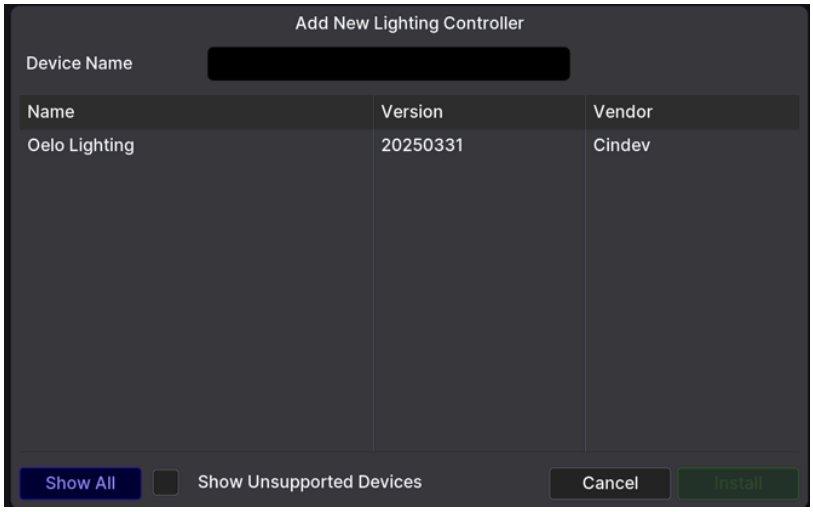
Additional Notes

- Changes made to Oelo lights from the manufacturers App, do not update in Nice.
- Color Temperature control values are not supported.
- All Pattern/Scenes will always use 100% brightness for all connected zones.
- Only the Lighting Patterns listed in this document are allowed. No custom-created lighting scenes can be triggered from Nice/Elan at this time.
- Oelo Processors are a bit sluggish, we do not recommend sending lots of commands at once to the unit or you may get unexpected results.

[Driver] Configuration

Once the Oelo Lighting product is working from the Manufacture's App:

- Add Driver into the Lighting Controllers section
- Click "Import" at the bottom and select the Oelo_Lighting.EDRVC
- Select Oelo Lighting Controller to add into the system



- Enter the IP Address of the Controller
  - At this point, the driver will display the firmware and mac address of the unit. If it does not display check your IP settings and the controller is connected to the network
- Add Lighting Zones
  - Select Driver Actions - "Add Lighting Zones"
  - Select Driver Actions - "Add Standard Scenes"

At this point, the driver is set up and should be able to control the lighting zones and execute the patterns.

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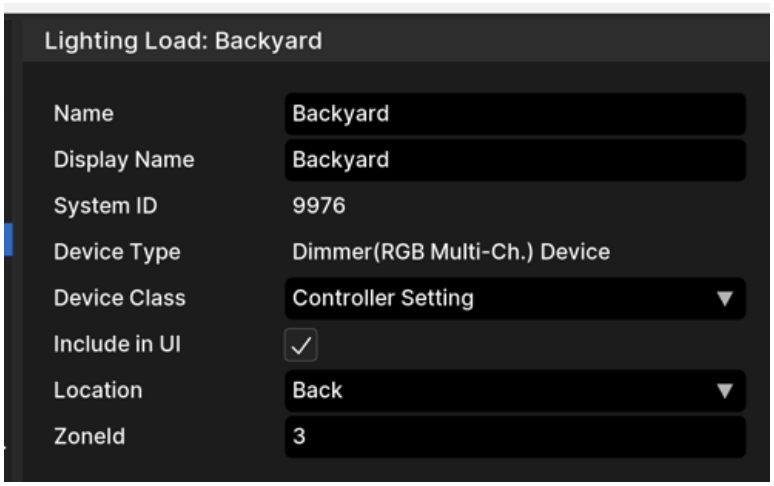
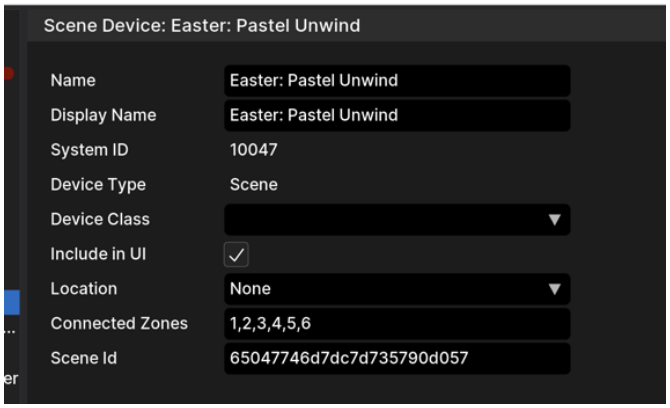
Light Zone Configuration

The driver enables the Light interface with support for On/Off/Toggle, Dimming and RGB control. Standard Nice components that interact with these items are supported. Below is an example of Lighting Zone configuration page:



Light Scene/Pattern Configuration

The driver supports lighting Scenes or "Patterns" as Oelo refers to them. Patterns have a list of zones that will be triggered when the scene is called. This list is comma-delimited (no spaces). By default, scenes added to the project will list all zone ids found.



(In this example, The Easter: Pastel Unwind Pattern when selected will execute on Lighting Zones 1-6.

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Common Mistakes

1. "My Nice Systems isn't tracking when I change something from the Oelo App." Oelo does not inform the driver when a change is made to a lighting zone. We recommend only using the Nice interface after Oelo deployment to prevent this issue
2. "I made a lighting scene and cannot trigger it. Nice." The driver only has access to the defined Patterns at the bottom of this document. If you must use a custom pattern that is not listed, please contact the developers for help.
3. Do not attempt to make your own patterns from the Nice platform. The Oelo controller is not very powerful and may lockup if you send it too many commands at once.

All Possible Patterns:

You can use any of the following patterns in Nice. Simply enter the scene ID in a scene and enter the Lighting zones (comma-delimited list) of the Zones to be triggered:

Scene Category	Scene Name	Scene Id
Valentines	Valentines: My Heart Is Yours	65036dfcd7dc7d735790ce26
Valentines	Valentines: Cupids Twinkle	65036e71d7dc7d735790ce2a
Valentines	Valentines: Powerful Love	65036ebed7dc7d735790ce2e
Valentines	Valentines: Adorations Smile	65036ee5d7dc7d735790ce32
Pride	Pride: March	6504c1fed7dc7d735790d1b4
Pride	Pride: Split	6504c32fc8e553de41550787
Christmas	Christmas: Icicle Chase	6509d76c0e0ad95578bf6f0f
Christmas	Christmas: Icicle Stream	6509d8a844bc0de9d1b34ac8
Christmas	Christmas: Icicle Shimmer	6509d8bc44bc0de9d1b34aec
Christmas	Christmas: Candy Cane Lane	6509d8ca44bc0de9d1b34afa
Christmas	Christmas: Candy Cane Glimmer	6509d8f944bc0de9d1b34b1b
Christmas	Christmas: Christmas Glow	6509d90b44bc0de9d1b34b1f
Christmas	Christmas: The Grinch Stole Christmas	6509d92544bc0de9d1b34b2b
Christmas	Christmas: Christmas at Oelo	6509d95744bc0de9d1b34b42
Christmas	Christmas: Saturnalia Christmas	6509d9ab44bc0de9d1b34b59

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Christmas	Christmas: Dreaming of a White Christmas	6509d9b644bc0de9d1b34b68
Christmas	Christmas: Decorating the Christmas Tree	6509da0544bc0de9d1b34b87
St. Patricks Day	St. Patricks Day: Sprinkle Of Dust	65047da0d7dc7d735790d081
St. Patricks Day	St. Patricks Day: Follow The Rainbow	65047db6d7dc7d735790d085
New Years	New Years: Year of Change	6509de5844bc0de9d1b34e4d
New Years	New Years: Sliding Into the New Year	6509de6944bc0de9d1b34e5c
New Years	New Years: Golden Shine	6509de8244bc0de9d1b34e68
New Years	New Years: River of Gold	6509de9344bc0de9d1b34e6c
American Liberty	American Liberty: Marching with Red White and Blue	6509d58bcba4c88e3bfc262d
American Liberty	American Liberty: Standing with Red White and Blue	6509d596cba4c88e3bfc2639
Presidents Day	Presidents Day: The Presidents March	65048017d7dc7d735790d0ba
Presidents Day	Presidents Day: Flight Of The President	6504808bd7dc7d735790d0be
Memorial Day	Memorial Day: In Honor Of Service	65048004d7dc7d735790d0b6
Memorial Day	Memorial Day: Unity Of Service	650dac3d6fe5efce4373f7c0
Fourth of July	Fourth of July: Founders Endurance	65047ec9d7dc7d735790d0a6
Fourth of July	Fourth of July: Fast Fireworks	6509d5b2cba4c88e3bfc2648
Election Day	Election Day: A More Perfect Union	650481ffd7dc7d735790d0eb
Election Day	Election Day: We The People	65048230d7dc7d735790d0ef
Labor Day	Labor Day: Continued Progress	65047f69d7dc7d735790d0aa
Labor Day	Labor Day: United Strong	650dae396fe5efce4373fae4
Easter	Easter: Delicate Dance	6504765cd7dc7d735790d053
Easter	Easter: Pastel Unwind	65047746d7dc7d735790d057
Cinco De Mayo	Cinco De Mayo: Mexican Spirit	6504854ad7dc7d735790d138

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Cinco De Mayo	Cinco De Mayo: Furious Fiesta	650db04b6fe5efce4373fe89
Cinco De Mayo	Cinco De Mayo: Salsa Line	650db06e6fe5efce4373feb4
Mothers Day	Mothers Day: Love For A Mother	650488d4d7dc7d735790d17c
Mothers Day	Mothers Day: Twinkling Memories	650489d1d7dc7d735790d180
Mothers Day	Mothers Day: Breakfast In Bed	650489e4d7dc7d735790d184
Fathers Day	Fathers Day: Grilling Time	6504c400c8e553de415507b4
Fathers Day	Fathers Day: Fresh Cut Grass	6504c40bc8e553de415507b8
Halloween	Halloween: Candy Corn Glow	65085d606414aca23025cb28
Halloween	Halloween: Hocus Pocus	65085dad6414aca23025cb34
Halloween	Halloween: Hocus Pocus Takeover	65085dba6414aca23025cb38
Halloween	Halloween: Pumpkin Patch	65085de66414aca23025cb87
Halloween	Halloween: Goblin Delight Trance	65085e096414aca23025cba2
Halloween	Halloween: Goblin Delight	65085e216414aca23025cbae
Halloween	Halloween: Halloween Dancing Bash	65085e626414aca23025cbec
Day of the Dead	Day of the Dead: Calaveras Shimmer	6508650a6414aca23025ce54
Day of the Dead	Day of the Dead: Marigold Breeze	6509dadb44bc0de9d1b34c55
Day of the Dead	Day of the Dead: Calaveras Dash	6509dba144bc0de9d1b34cfd
Day of the Dead	Day of the Dead: Sugar Skull Still	6509dbe044bc0de9d1b34d4f
Thanksgiving	Thanksgiving: Thanksgiving Turkey	650866736414aca23025cee5
Thanksgiving	Thanksgiving: Thanksgiving Apple Pie	650866bb6414aca23025cf19
Hanukkah	Hanukkah: Eight Days Of Lights	6508770f6414aca23025d5a9
Hanukkah	Hanukkah: Hanukkah Glide	6509de0e44bc0de9d1b34e36
Canadian Strong	Canadian Strong: O Canada	6512f7156fe5efce4377faf7
Birthdays	Birthdays: Birthday Confetti	6509d64fcba4c88e3bfc2682
Birthdays	Birthdays: Birthday Cake	6509d656cba4c88e3bfc2686
Quinceanera	Quinceanera: Perfectly Pink	6509df1944bc0de9d1b34eab
Quinceanera	Quinceanera: Twinkle Eyes	6509e03644bc0de9d1b34f28

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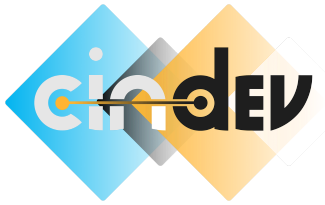
Quinceanera	Quinceanera: Vibrant Celebration	6509e0c444bc0de9d1b34f5d

ELAN Developer Partner Information

This ELAN driver was written and supported by:

Cindev

Cinegration Development LLC



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