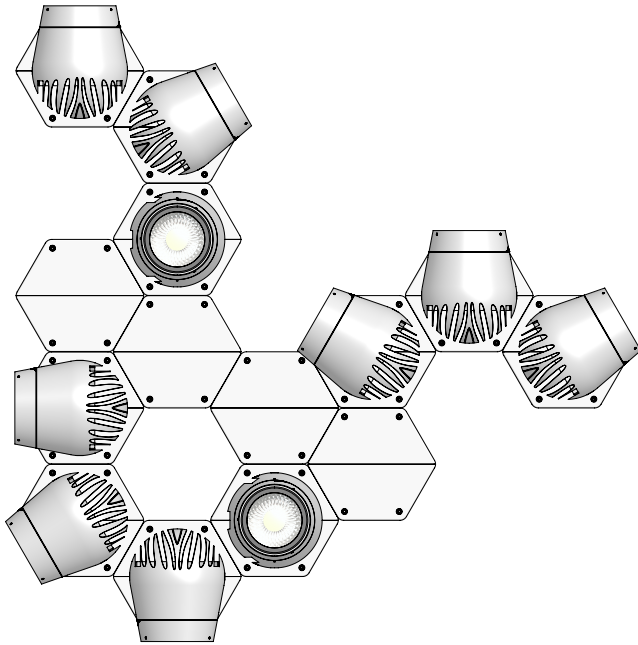




VADER - WIRING & CONTROL INSTRUCTIONS

VADER-

ALL-IN-ONE EXTREMELY ADJUSTABLE
FLOOD LIGHT PROJECTOR



If in doubt about the symbols, please
refer to catalog or website

WARNING

To ensure maximum efficiency of the product,
read the following instructions thoroughly prior
to installation.



This fixture must be installed by a licensed
and qualified electrician. The installer
must comply with NEC and local building
codes when installing the fixture



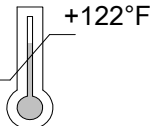
Electrical current can cause painful shock,
serious injury, or even death. Make sure
you turn off the power supply, ground
fixture(s), and make sure all electrical
connections are correct and secured



For use in IP66 installations.



Keep the label of the original packaging if
any eventual future claims are needed

48 VDC IP66
IP68^B  IK09 -13°F  +122°F

VADER FIXTURE

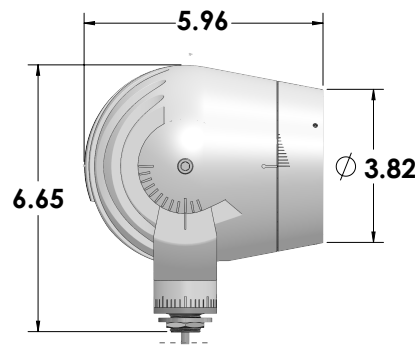
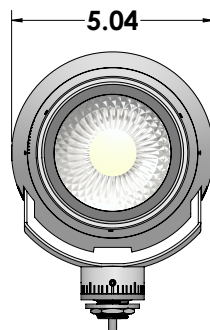


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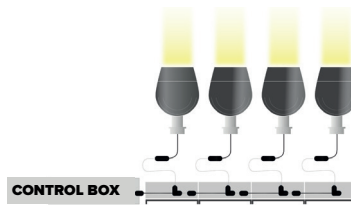
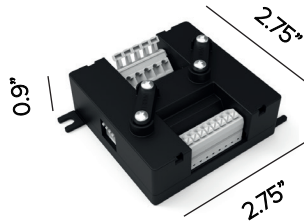
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Configurations
Accessory
Control and Power Supply
Diagram
Maintenance / Support

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Pg.9
Pg.10

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Control and Power Supply

CONTROL (REQUIRED)



Control pod. Three-In-One Smart control system (0-10V / DALI / DMX). Can be mounted inside installation accessories or 4"x4" Junction Box, etc.

Each Control Pod:

0-10V 1ea two channel control zone for up to 30 fixtures.

DALI up to 64ea independently controlled fixtures.

DMX two channel up to 64ea independently controlled fixtures.

Part No. A035

POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
PS052	40W	0-10V / DALI / DMX via control pod	1% 0-10V 0% DALI / DMX	NEMA3R	120-277V / 48V	UL CLASS 2	6.3" x 10.79" x 2.17"	MEAN WELL HLG ELECTRONIC DRIVER.
PS051	60W	0-10V / DALI / DMX via control pod	1% 0-10V 0% DALI / DMX	NEMA3R	120-277V / 48V	UL CLASS 2	6.3" x 10.79" x 2.17"	MEAN WELL HLG ELECTRONIC DRIVER.
PS050	96W	0-10V / DALI / DMX via control pod	1% 0-10V 0% DALI / DMX	NEMA3R	120-277V / 48V	UL CLASS 2	6.3" x 10.79" x 2.17"	MEAN WELL HLG ELECTRONIC DRIVER.

*NON-DIMMABLE, DIMMING ACHIEVED FROM DIRECT CONTROL POD NOT THROUGH DRIVER.

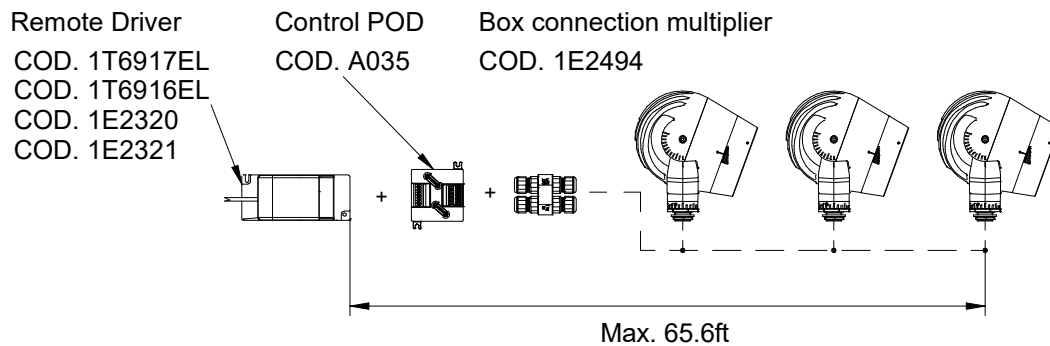
MAX FIXTURES PER DRIVER				
Fixture Wattage	Driver Wattage			

	40W	60W	96W	

	15W	2	3	6

Installation Rule

Cable section 0,75mm ² (0.03in ²)	N° Fixture		
	1 (15W)	4 (60W)	8 (120W)
	65.6ft	65.6ft	65.6ft
Cable length of last fixture in the system			

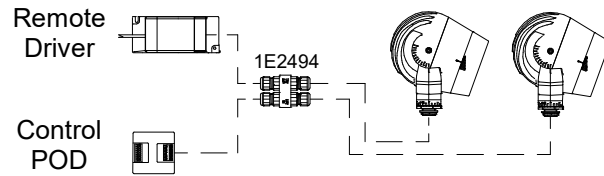


CONTROL POD CONFIGURATIONS

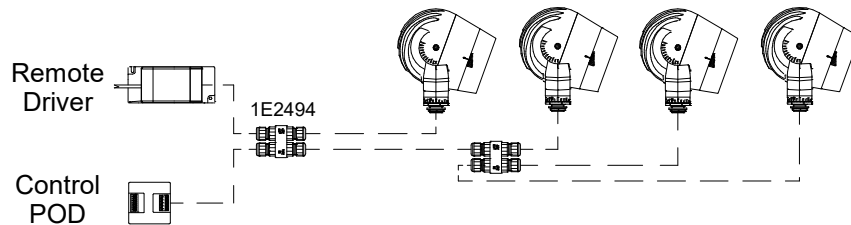
	SHARED CONTROL	INDIVIDUAL CONTROL
DALI	✓	✓
DMX	✓	✓
0-10V	✓	✗

Configurations

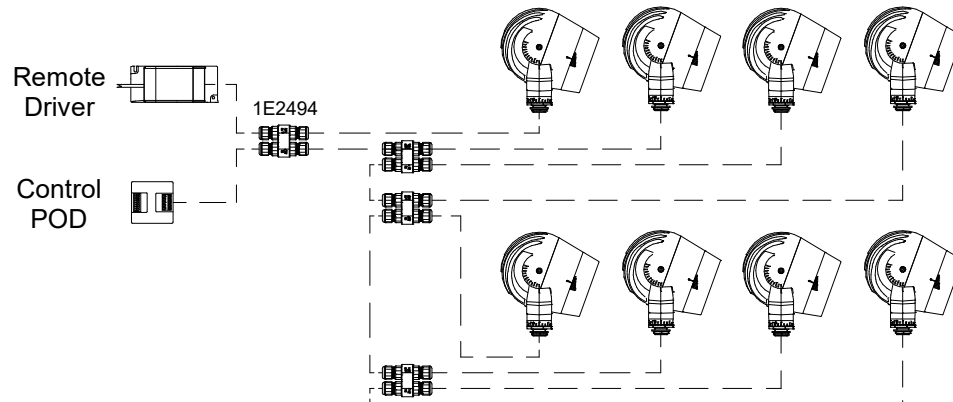
CONFIGURATION 1x / 2x



CONFIGURATION 3x / 4x

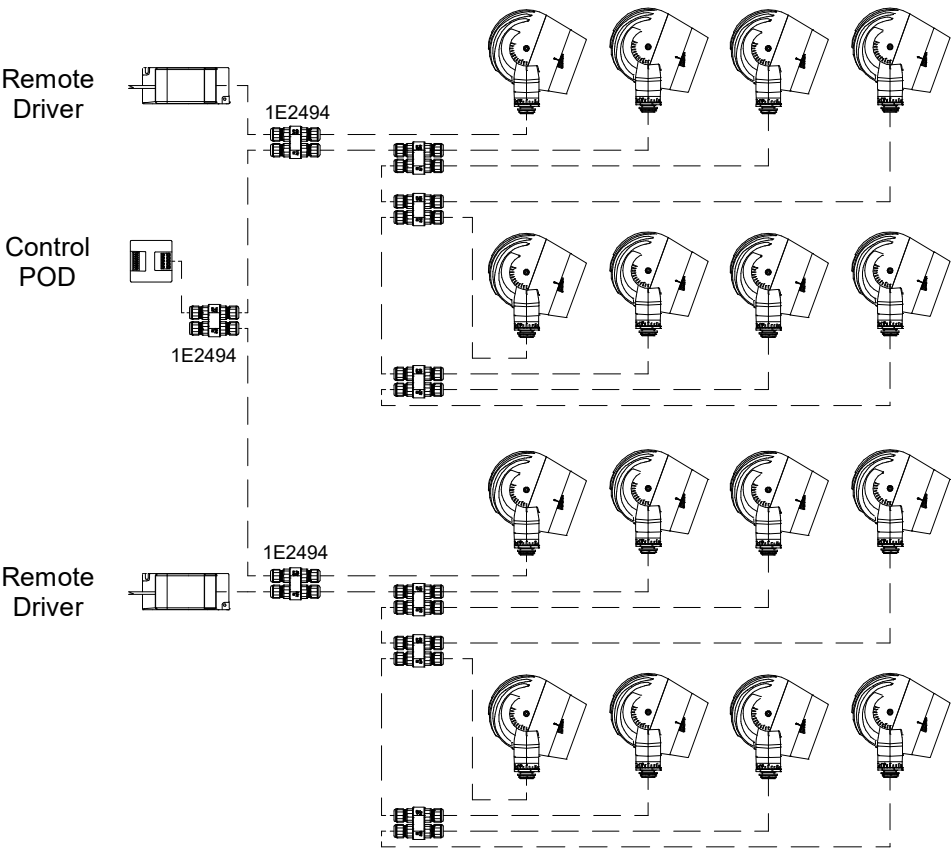


CONFIGURATION 5x / 8x

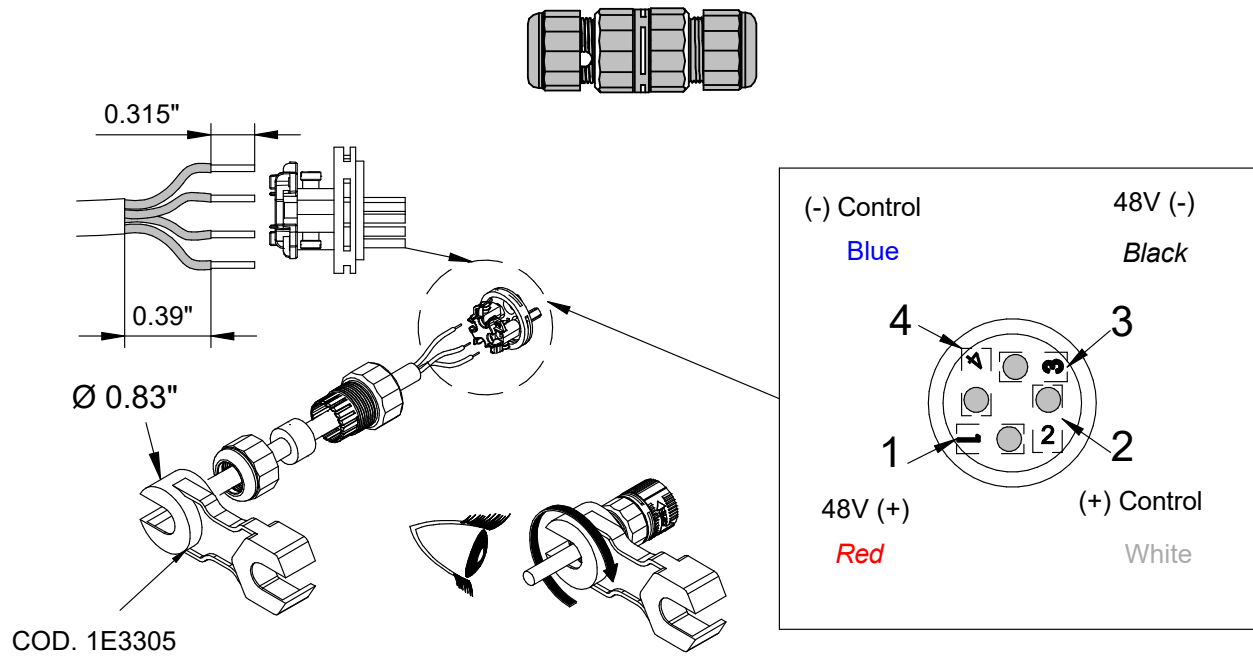


Configurations

CONFIGURATION > 8x

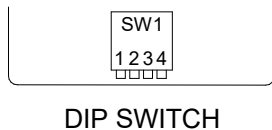


Accessory



Control and Power Supply

Control POD - A035



SWITCH 1	SWITCH 2	SWITCH 3	SWITCH 4	MODE	
OFF	OFF	OFF	OFF	DALI	
ON	OFF	OFF	OFF	DMX 2ch	<i>Broadcast intensity and CCT</i>
OFF	ON	OFF	OFF	DMX 32ch	<i>Intensity and CCT Groups</i>
ON	ON	OFF	OFF	DMX 128ch	<i>Addresses Intensity and CCT</i>
OFF	OFF	ON	ON	0-10V	<i>passive with TRIMMER 100K - Intensity and CCT</i>
ON	OFF	ON	ON	1-10V	<i>passive with TRIMMER 100K - Intensity and CCT</i>
OFF	ON	ON	OFF	0-10V	<i>active Intensity and CCT</i>
ON	ON	ON	OFF	1-10V	<i>active Intensity and CCT</i>

DALI mode

Projectors connected to the device can be managed and addressed individually via DALI protocol

DMX 2 ch - Color temperature and intensity Broadcast

The first two DMX slots are used. First one is converted into a Intensity Broadcast command,
the other one in Color temperature broadcast command

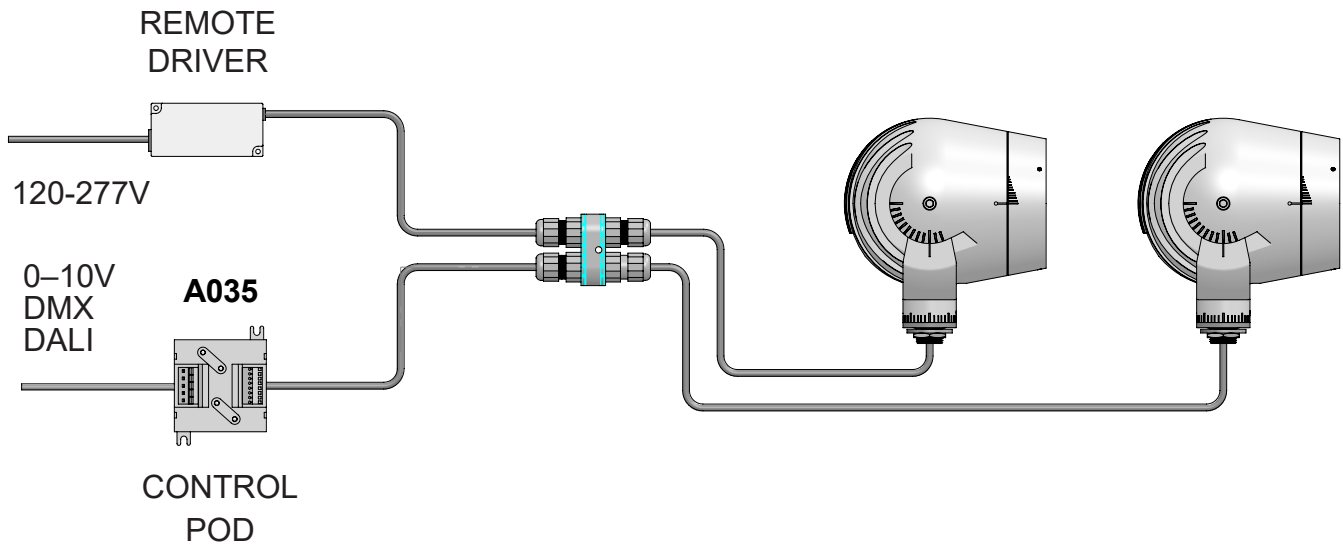
DMX 32 ch Color temperature and intensity by groups

The 32 DMX slots are used: The first is converted into an Intensity Group 0 command,
next is converted to color Group 0 command,
next into group 1 intensity, the match between projectors and groups has to be done by DALI commissio

DMX 128 ch Color Intensity and Temperature addresses

First 128 DMX slots are used: The first is converted into Intensity Address 0 command
next one is converted into address 0 of color temperature,
next into address 1 intensity,
next into intensity address 1 command,
the projectors addressing has to be done by DALI commissioning.

Installation Diagram



Can be mounted inside installation accessories or 4"x4" Junction Box, etc.

0-10V 1ea two channel control zone for up to 30 fixtures.

DALI up to 64ea independently controlled fixtures.

DMX two channel up to 64ea independently controlled fixtures.

Maintenance

This fixture was designed and manufactured for a durable, long lasting use with minimum care. To ensure the maximum lifespan of this product, we encourage our customer to provide a quality visual inspection of the fixture and installation accessories every six months. If there are any visible signs of issues (i.e moisture or dust) during the inspection, please clean any of the dust or moisture with a soft cloth and check to make sure that any of the fixtures are still operating normally. If there are any issues regarding the fixture please contact us as we will saassist the situation at hand.

Support

Any questions, problems, or comments you have please feel free to contact our Customer Service department during our business hours Monday-Friday 8am-5pm via: Email: usaorders@targetti.com
Phone: (714) 513-1991

Visit our website: <http://www.targettiusa.com>