LED-FGI645-E

INSTALLATION INSTRUCTIONS



QUANTUM_R VOS_R / VOS_Q WARP_R / WARP_Q



3741 Commerce Dr. #306-30 Baltimore, MD 21227 Phone (410) 381-1497 inter-lux.com



2 W

QUANTUM_R



1.5 W



2 W

4 W



6 W

VOS_R VOS_Q





1.5 W



2 W



6 W

WARP_R WARP_Q





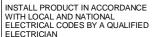








WARNING:





WARNING:

FAILURE TO COMPLY WITH THE INSTALLATION INSTRUCTIONS MAY RESULT IN DEATH OR SEVERE INJURY.



WARNING:

READ ALL SAFETY INSTRUCTIONS INCLUDED WITH LUMINAIRE BEFORE INSTALLING LUMINAIRE. SAVE INSTRUCTIONS FOR FUTURE USE.

INSULATING MATERIAL

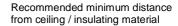
CAUTION:

THIS IS AN ELECTRONIC DEVICE. CARE MUST BE TAKEN DURING STORAGE AND HANDLING. STORE IN A CLEAN, COOL AND DRY LOCATION. ELECTROSTAIC DISCHARGE (ESD) CAN HARM THIS PRODUCT. AVOID STATIC DISCHARGE WHILE HANDLING THIS PRODUCT.

CAUTION:

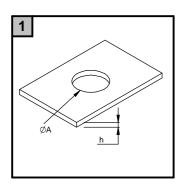
INTER-LUX IS NOT RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE BUILDING TO SUPPORT THE LUMINAIRE. ADDITIONAL BACKING MAY BE REQUIRED.

LOCATE AND REVIEW ANY CONTRUCTION PLANS AND INTER-LUX RECORD DRAWINGS FOR ALL FIXTURE RUNS. IT IS RECOMMENDED TO LOCARE AND LAY OUT ALL COMPONENTS FOR EACH FIXTURE "RUN". A FIXTURE RUN TIPICALLY CONSISTS OF JOINERS, LENGHTS OF HOUSING, AND ENDCAPS. BE SURE TO IDENTIFY ALL CORRECT LENGHTS FOR EACH FIXTURE RUN.

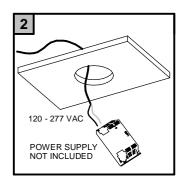


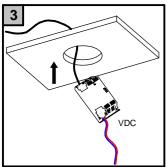
Do not cover the product with insulating material.

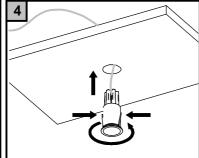
INSTALLATION INSTRUCTIONS

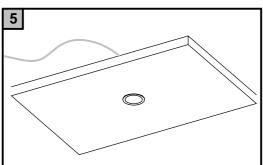


Art.	Α	h
QUANTUM (1.5 W)	ø 0.59"	0.197"-0.787"
QUANTUM (2 W)	ø 0.787"	0.197"-0.787"
QUANTUM (4 W)	ø 1.14"	0.197"-0.787"
QUANTUM (6 W)	ø 1.378"	0.197"-0.787"
VOS (1.5 W)	ø 0.59"	0.197"-0.787"
VOS (2 W)	ø 1.14"	0.197"-0.787"
VOS (4 W)	ø 1.14"	0.197"-0.787"
VOS (6 W)	ø 1.378"	0.197"-0.787"
WARP (2 W)	ø 1.14"	0.197"-0.787"
WARP (4 W)	ø 1.14"	0.197"-0.787"
WARP-R (6 W)	ø 1.378"	0.197"-0.787"
WARP-Q (6 W)	□ 1.378"	0.197"-0.787"



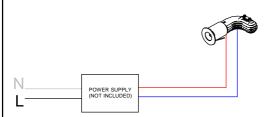




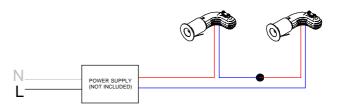


WIRING DIAGRAM

SINGLE FIXTURE



MULTIPLE FIXTURE WIRED IN SERIES (Constant Current)



The number of fixtures on a single output will vary depending on the specific LED driver.

Refer to the specific wiring diagram on https://www.inter-lux.com/wiring-diagrams/ and the Constant Current Fixtures per driver table.

	1.5W	2W	4W	6W
QUANTUM_R	500mA	630mA	350mA	500mA
VOS_R	500mA	630mA	350mA	500mA
VOS_Q	500mA	630mA	350mA	500mA
WARP_R	/	630mA	350mA	500mA
WARP_Q	/	630mA	350mA	500mA

Secondary Cable Colours	Pole
Red wire	+
Blue wire	-

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

MOUNTING INSTRUCTIONS

READ ALL OF THESE INSTRUCTIONS BEFORE INSTALLING FIXTURES

- · CAUTION: USE ONLY WITH CLASS 2 POWER UNIT
- · Keep all of the instructions for future reference
- Turn off power before installing fixture
- · Installation is to be performed by a qualified electrician only
- · All installations must conform to the National Electrical Code as well as all local jurisdictional codes and regulations
- · Any modification of the luminaire will void any and all written or implied warranties
- The manufacture accepts no responsibility for damage to persons or property airing through improper use or installation

INSTALLATION SEQUENCE

- Cut correct size opening in ceiling [1]
- Mount remote driver in accessible well ventilated space [2-3]
- Ensure power is off before connecting driver to line voltage [2-3]
- Connect secondary wiring to fixture wiring [2-3]
- Turn the springs and insert the article into the ceiling opening [4]
- WARNING Be sure secondary wiring is connected to driver BEFORE energizing to avoid LED failure
- Energize

Constant Current Fixtures per Driver

	•	onstant Cun	One i Ataro	o poi Dilitoi	
		Max. number of fixtures			Max. total fixtures per
mA	W	PER OUTPUT (fixtures	ECO30W driver	SOLO50W driver	SOLO100W driver (4x
		w ired in series)	(1x output/driver)	(2x outputs/driver)	outputs/driver)
180mA	7.0W	1	1	2	4
200mA	7.5W	1	1	2	4
220mA	0.6W	10	10	20	40
220mA	0.7W	10	10	20	40
220mA	1.9W	5	5	10	20
220mA	8.0W	1	1	2	4
220mA	9.0W	1	1	2	4
250mA	3.0W	3	3	6	12
300mA	12.0W	1	1	2	4
350mA	1.0W	10	10	20	40
350mA	1.5W	10	10	20	40
350mA	3.0W	5	5	10	20
350mA	4.0W	3	3	6	12
350mA	4.2W	3	3	6	12
350mA	12.0W	1	1	2	4
350mA	13.0W	1	1	2	4
400mA	15.0W	1	1	2	4
450mA	16.0W	1	1	2	4
500mA	1.5W	10	10	20	40
500mA	4.5W	4	4	8	16
500mA	6.0W	3	3	6	12
500mA	6.5W	3	3	4	8
500mA	9.0W	2	2	4	8
500mA	13.0W	1	1	2	4
500mA	14.0W	1	1	2	4
500mA	18.0W	1	1	2	4
500mA	20.0W	1	1	2	4
570mA	63.0W	-	-	-	1
580mA	20.0W	1	1	2	4
630mA	2.0W	10	10	16	32
630mA	2.0W	10	10	16	32
630mA	4.0W 6.0W	6 3	6	10 6	20 12
630mA 630mA	7.0W	3			8
	7.0vv 7.2W	3	3	4	8
630mA		3	3	4	8
630mA 630mA	7.5W 8.0W	3	3	4	8
630mA	9.0W	2	2	4	8
630mA	12.0W	2	2	2	4
630mA	18.0W	1	1	2	4
630mA	23.0W	1	1	1	3
630mA	24.0W	1	1	1	3
660mA	45.0W			<u> </u>	1
700mA	2.0W	10	10	16	32
700mA	6.3W	3	3	6	12
700mA	6.5W	3	3	4	8
700mA	8.0W	3	3	4	8
700mA	13.0W	1	1	2	4
700mA	21.0W	1	1	1	3
700mA	24.0W	1	1	1	3
700mA	25.0W	<u>-</u>	-	1	3
800mA	10.0W	2	2	2	4
840mA	30.0W	-	-	1	2
850mA	60.0W	-	-	-	1
900mA	33.0W	-	-	1	2
900mA	40.0W	-	-	1	2
900mA	42.0W	-	-	1	2
950mA	34.0W	-	-	1	2
950mA	35.0W	-	-	1	2
1050mA	48.0W	-	-	-	1
1250mA	45.0W	-	-	-	1
1250mA	46.0W	-	-	-	1
1300mA	46.0W	-	-	-	1
1850mA	54.0W	-	-	-	1
. 500.11	2				

Consult factory for any combination not listed above.