

NX[™] ON-FIXTURE MODULE INSTALLATION AND OPERATION INSTRUCTIONS

MODEL NUMBER

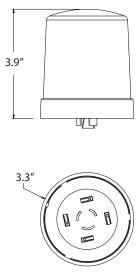
NXOFM

The Hubbell Control Solutions On-Fixture Module is intended to allow the installation of lighting controls to a single luminaire using a twist lock receptacle that is accessible external to the fixture housing. The NXOFM requires a NEMA C136.41, 7-pin receptacle on the luminaire for operation. The module contains a relay for on/off control, 0-10 volt dimming, a Bluetooth® radio for programming via an Android™ or iOS® App, and a 2.4 GHz RF mesh radio with internal antenna.

INSTALLATION INSTRUCTIONS

- If applicable, remove the lighting control device currently installed in the fixture receptacle. 1.
- 2. Align the On-Fixture Module such that the large contact pin is positioned above the large receptacle contact.
- Insert the On-Fixture Module contacts completely into the receptacle contacts. Twist the On Fixture Module housing clockwise until it locks 3. into place.
- Test the On/Off and or dimming operation using the NX Room Setup Tool which is available for download from Google Play™ and 4. App Store[®].
- 5. Using the App, select the Bluetooth radio from the list of discovered radios. Use the MAC address barcode label affixed to the unit to help identify the luminaire to be tested.
- Select Fixture Modules from the menu. 6.
- Use the On/Off control to turn the luminaire on and off to confirm the operation. 7
- 8. While the luminaire is on, use the slider to dim the luminaire down and up.

DIMENSIONS



NEMA C136.41 Receptacle

72-00603 Rev D



HUBBELL

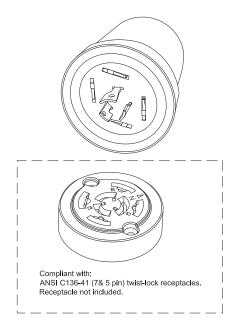
SPECIFICATIONS

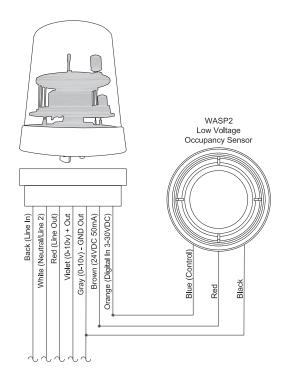
Certifications harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help. FCC Part 15 Clause 15.21: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority operate the equipment. ISED RSS-Gen Notice: This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: This device must accept any interference; and This device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: I'appareil ne doit pas produire de brouillage; I'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre 	Electrical Ratings	Input: 120-480VAC, 16A Max, 50-60Hz Output: 10A@120-277V, 5A@347V, 3A@480V Surge Withstand: 2000V Peak Inrush: 160A for 2 ms Max
Dublight Senior Off level-RFC to 15FC (Default: BFC) Operating Environment Repeating Temperature: -40F to 17FF 10 7FF 140FC to 80°C] Operating Environment Housing: GSM UL Rated 94 HIB Plastic Construction Housing: GSM UL Rated 94 HIB Plastic Mounting Standard NEMA C154-11 (2013) with 5 or 7 prongs twist lock connector also compatible with C136-10 sockets Dimensions Standard NEMA C154-11 (2013) with 5 or 7 prongs twist lock connector also compatible with C136-10 sockets Dimensions Standard NEMA C154-11 (2013) with 5 or 7 prongs twist lock connector also compatible with C136-10 sockets Dimensions Standard Plastic housing Color Smoked plastic housing Color Smoked plastic housing Patent(s) pending Conforms with U1516 and Certified to CAN/CSA C22 No. 205-M1983 IC Approved FCC Port 15247: This device complies with FCC part 15 Rules. Operation is subject to the following two conditions: 1. This device my not couse harmful interference and 2. This device my not couse harmful interference and 2. This device my not couse harmful interference and 2. This device my not be research found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against that mintreference line arec	Dimming	0-10V, 60mA, current sink
Operating Environment Relative humidity (non-condensing): 0 to 95% 1P55 Rated Construction Housing GSM UL Rated 9418 Plastic Construction 3.125° Dx 3175 (79.4mm Dx 95.3 H) Weight 6.02170 gl Color Smoled plastic housing Patent(s) pending 5.02170 gl Color Smoled plastic housing Patent(s) pending 5.020777 flast (non 0.0000 gl) Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983	Daylight Sensor	
Mounting Standard NEMA C136-41 (2013) with 5 or 7 prongs twist lock connector also compatible with C136-10 sockets Dimensions 3.125° D x 3.75° (79.4mm D x 95.3 H) Weight 6 oz (170 g) Color Smoked plastic housing Patentis Patentist pending Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 (C Approved) Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 (C Approved) This device may not cause harmful interference and 2. This device omplies with FCC part 15 Rules. Operation is stubject to the following two conditions: 1. This device must accept any interference neceived, including interference that may cause undesired operation FCC Dix 1498/KOFMI RIDUW Conditions: 1. This device must accept any interference neceived, including interference in a residential installation. This equipment generates uses and can nalate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. This equipment does caus harmful interference to radio or television neception, which can be determined by turning the equipment of and on, the user is encouraged if try to correct the interference by one of the following measures: • Center the equipment. Increase the separation between the equipment and receiver. • Connect the equipment into an outlet on a circuid different for that to which the receiver is connected. • Consult the dealer on an experienced and/OTV technickin for help. FCE Part 15 Clause 15.21: Changes or modifications not e	Operating Environment	Relative humidity (non-condensing): 0 to 95%
Dimensions 3.125*D x3.75*(79.4mm D x 95.3 H) Weight 6 oz (170 g) Color Smoked plastic housing Patents Patents1 pending Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 IC Approved FCC Part 15.247.This device complies with FCC part 15 Rules. Operation is subject to the following two conditions: 1.This device may not cause harmful interference and 2. This device may not cause harmful interference and the subject to the following two conditions: 1.This device may not cause harmful interference enviewd, including interference that may cause undesired operation FCC ID: U90-SM220 FCC ID: U90-SM220 IC 784A-SM200 FCC ID: U90-SM220 IC 786AA SM200 FCC ID: U90-SM220 IC 786AA SM220 FCC ID: U90-SM220 IC 786AA SM220 FCC Interference Statement (Part 15.16 tb) This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference to mailoutan installation. This equipment generate suse and can native radio frequency energy and, if no tinstalled and used in accordance with the instructions, may cause harmful interference to radio contexision reception, which can be determined by turning the equipment does caus harmful interference to radio or television reception, which can be determined by turning the equipment of and on, the user is encouraged try to correct the interference bro and ourot tain circuit d	Construction	Housing: GSM UL Rated 94 HB Plastic
Weight 6 oz (170 g) Color Smoked plastic housing Patents Patent(s) pending Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 IC Approved IC Approved FCC Part 15.247: This device complies with FCC part 15 Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 2. This device may not cause harmful interference and 3. This device may not cause harmful interference and 3. This device may not cause harmful interference and 3. This device may not cause harmful interference and 4. This device may not cause harmful interference and 3. This device may not cause harmful interference and 5. Constit the optiment field to provide reasonable protection against harmful interference or and core readion tradio or time divi	Mounting	Standard NEMA C136-41 (2013) with 5 or 7 prongs twist lock connector also compatible with C136-10 sockets
Color Smoked plastic housing Patents Patent(s) pending Canforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 CAnforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 CApproved FCC Part 15.247: This device complies with FCC part 15 Rules. Operation is subject to the following two conditions: This device must accept any interference and This device must accept any interference received, including interference that may cause undesired operation FFCC D: Y199NXOFM IRIDUNY Contains FFCC ID: U90-SM220 FCC Interference Statement (Part 15.105 (b)) This device more accosnable protection against harmful interference in a residential installation. This equipment descases and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not accur in a particular installation. If this equipment desc caus harmful interference to and or relevision reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures: Receivent or enclocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment.	Dimensions	3.125" D x 3.75" (79.4mm D x 95.3 H)
Patents Patents Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 IC Approved FCC Part 15.247: This device compiles with FCC part 15 Rules. Operation is subject to the following two conditions:	Weight	6 oz (170 g)
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Certifications Certif		
	Certifications	IC Approved FCC Part 15.247: This device complies with FCC part 15 Rules. Operation is subject to the following two conditions: 1.This device may not cause harmful interference and 2. This device must accept any interference received, including interference that may cause undesired operation FCC ID: YH9NXOFM1R1DUNV IC: 9044A-NXOFM1R1DUNV Contains FCC ID: YH9NXOFM1R1DUNV IC: 9044A-NXOFM1R1DUNV Contains are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to a radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference by one of the following measures: • Reorient or relocate the receiving antenna. • Increase the separation between the equipment and receiver. • Consult the dealer or an experienced radio/TV technician for help. FCC Part 15 Clause 15.21: Changes or modifications not expressly approved by the party responsible for compliance co



WIRING DIAGRAM

Bottom View





72-00603 Rev D



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