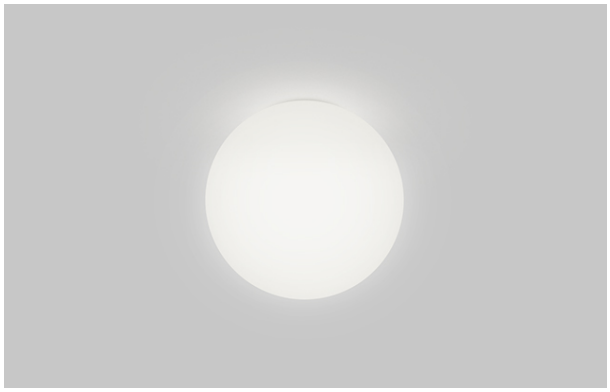
MIKA SURFACE - 3230B

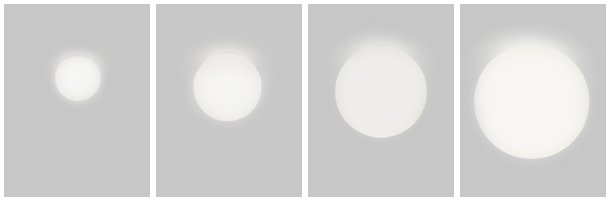
PROJECT PROJET

SPEC TYPE

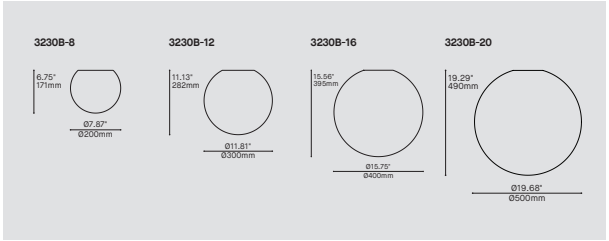
NOTES



OPTION



3230B-8 | 3230B-12 | 3230B-16 | 3230B-20



ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE — CODE

MODEL MODÈLE

3230B-8	MIKA 8"
3230B-12	MIKA 12"
3230B-16	MIKA 16"
3230B-20	MIKA 20"

LIGHT SOURCE SOURCE LUMINEUSE

LED.LO*	LOW OUTPUT
LED.REG	REGULAR OUTPUT
LED.HO**	HIGHT OUTPUT

* NOT AVAILABLE WITH 3230-8
** NOT AVAILABLE WITH 3230-20

COLOR TEMPERATURE TEMPÉRATURE DE COULEUR

27	2700K
30	3000K
35	3500K
40*	4000K

* LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE

COLOR RENDERING INDEX (CRI) INDICE DE RENDU DE COULEUR (IRC) — **90**

90	90+ CRI

VOLTAGE VOLTAGE

120V	120 VOLT
277V	277 VOLT

CONTROL OPTION OPTION DE CONTRÔLE

DV	0-10V DIMMING (120V-277V)
DP	PHASE DIMMING (120V ONLY)
NLTAIR2*	NLIGHT AIR CONTROL GEN 2
NLIGHT*	NLIGHT WIRED CONTROL

* NLIGHT INTEGRATION REQUIRES A REMOTE CONTROLLER (39NLAA FOR NLTAIR2 OR 39NLWA FOR NLIGHT)
REFER TO NLIGHT GUIDE AND INSTALLATION SHEET FOR ALL REQUIREMENTS.

EMERGENCY BATTERY BATTERIE D'URGENCE

EM DRIVER BOX INCLUDED. INSTALLED REMOTELY. SEE EM GUIDE FOR DETAILS

EMB*	EMERGENCY BATTERY FOR REMOTE BOX

* 3981E ACCESSORY IS REQUIRED FOR THIS OPTION

DIFFUSER FINISH FINI DIFFUSEUR — **WH**

WH	WHITE

ACCESSORY ACCESSOIRE

ALL ACCESSORIES ARE AVAILABLE FOR ADVANCE SHIPPING

3983	DEEP JUNCTION BOX (PROVIDED)
39NLAA	NLIGHT AIR GEN 2 REMOTE CONTROLLER
39NLWA	NLIGHT WIRED REMOTE CONTROLLER

ACCESSORY EMERGENCY BATTERY ACCESSOIRE BATTERIE D'URGENCE

3981EA	ELECTRICAL BOX FOR EMB EMERGENCY BATTERY

PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT

nLIGHT

DESIGN: A classic round frosted globe with uniform illumination available in 8", 12", 16" and 20" diameters.

INSTALLATION: Installed using a "twist-and-lock" mounting system with concealed fasteners for a clean appearance. Mika is mounted on a deep junction box (3983 - included).

LIGHT SOURCE: High-performance LED module mounted on a custom-designed aluminum heatsink, delivering up to 4,850 lumens. Various control options and emergency options are also available.

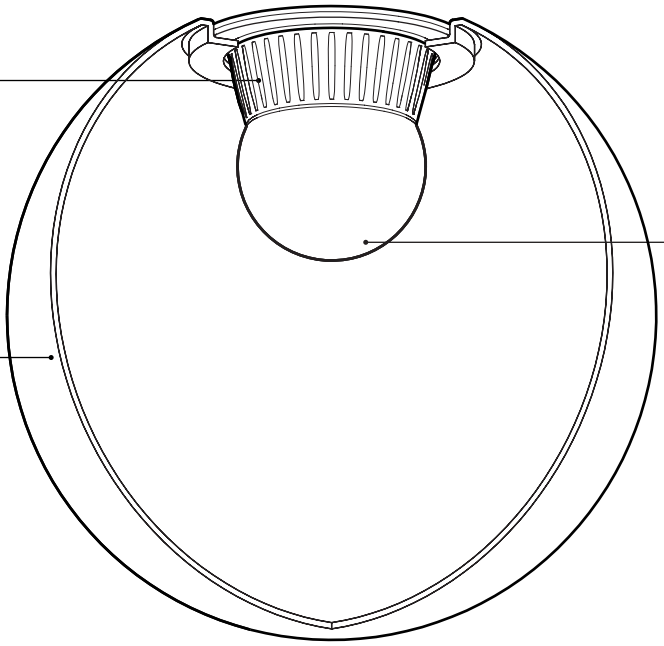
DIFFUSER: Translucent white diffuser made from impact-resistant rotomolded MDPE.

© 2026 Acuity Brands Lighting, Inc. All rights reserved.

MIKA SURFACE - 3230B

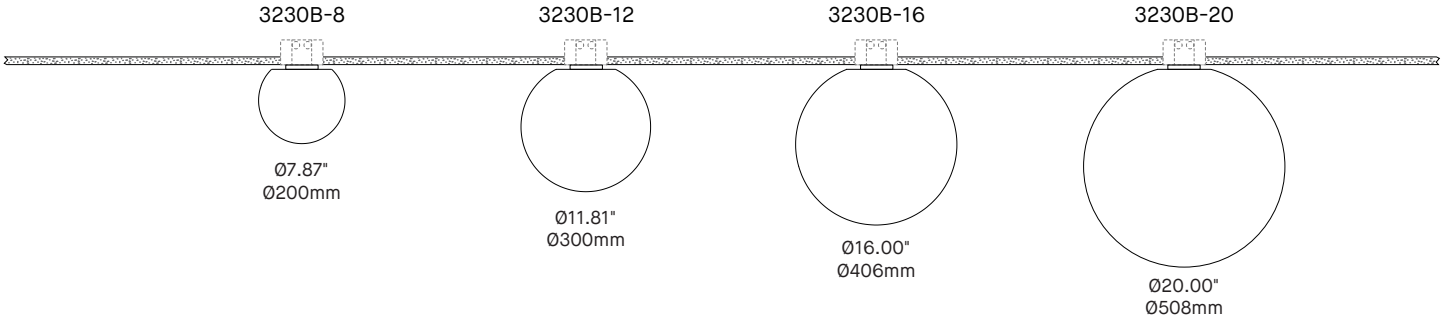
ALUMINUM HEATSINK
High-performance LED module mounted on a custom-designed aluminum heatsink, delivering up to 4,850 lumens. Various control options and emergency options are also available.

ROTOMOLDED SHADE
Translucent white diffuser made of impact resistant rotomolded MDPE. Comes in 4 sizes, 8", 12", 16" & 20".



MOUNTING OPTIONS
3230B : Installed using a "twist-and-lock" mounting system with concealed fasteners for a clean appearance. Mika is mounted on a deep junction box (3983 - included).

OPTICAL SYSTEM
Custom integrated white diffuser system for a perfectly and evenly illuminated shade.

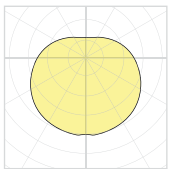


PRODUCT SPECIFICATION	3230B-8	3230B-12	3230B-16	3230B-20
PERFORMANCE	**REG — HO**	**LOW — REG — HO**	**LOW — REG — HO**	**LOW - REG**
SYSTEM WATTAGE	4.8 — 6.7 W	7.1 — 10.8 — 15.6 W	15.6 — 23 — 33.9 W	24.8 — 38.5 W
DELIVERED LUMENS (3500K)	686 — 957 LM	1141 — 1672 — 2350 LM	2079 — 3064 — 4293 LM	3312 — 4851 LM
EFFICACY	143 —143 LM/W	161 — 155 — 151 LM/W	133 — 133 — 127 LM/W	134 — 126 LM/W
OTHER INFORMATIONS				
WEIGHT	2.2LBS / 1.0KG	2.9LBS / 1.3KG	4.9LBS / 2.2KG	6.7LBS / 3.0KG
L70 (LUMEN MAINTENANCE)	> 55 000 HRS	> 55 000 HRS	> 55 000 HRS	> 55 000 HRS
WELL & LEED STANDARD REQUIREMENTS				
MAX. LUMINANCE 45°-90° OF NADIR	1817 — 2535 CD/M²	1137 — 1666 — 2340 CD/M²	1178 — 1736 — 2432 CD/M²	1148 — 1681 CD/M²
LIGHT QUALITY	R9 > 50			
FLICKERING TOLERANCE	LOW FLICKER, COMPLIANT TO CALIFORNIA TITLE 24			

EFFICACY MULTIPLIERS

CRI	CCT	FACTOR
90+	4000K	1.03
90+	3500K	1.00
90+	3000K	0.98
90+	2700K	0.93

LIGHT DISTRIBUTION



3230B

5 years warranty

Visit our website for warranty terms and conditions.

EUREKA

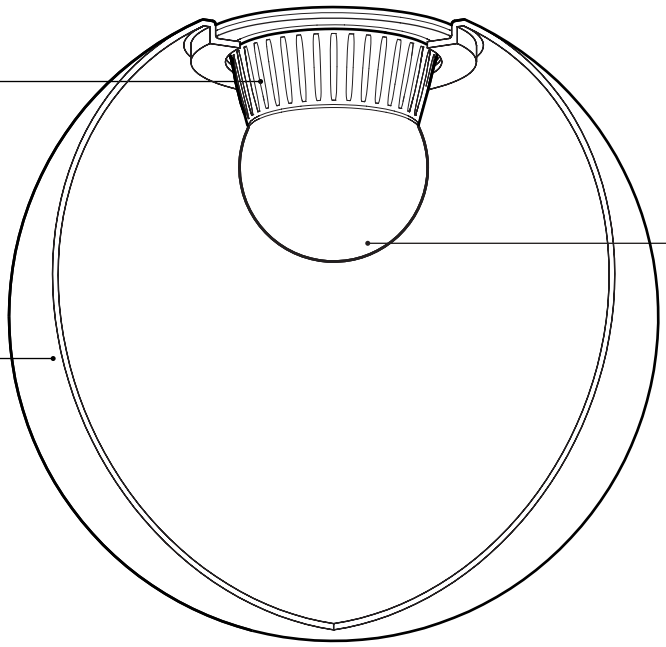
TECHNICAL DATA

© 2026 Acuity Brands Lighting, Inc. All rights reserved.

MIKA SURFACE - 3230B

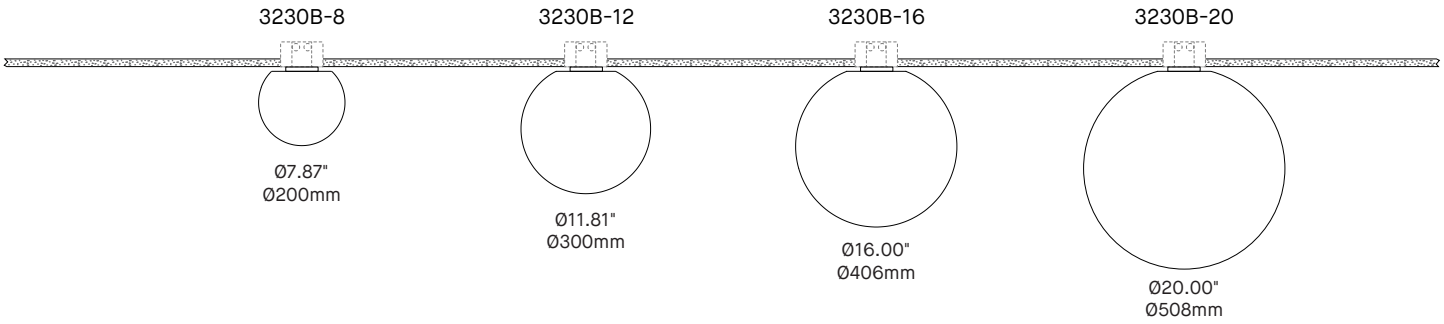
DISSIPATEUR D'ALUMINIUM
Module DEL haute performance monté sur un dissipateur thermique en aluminium conçu sur mesure, offrant jusqu'à 4,850 lumens. Plusieurs options de contrôle et options de batteries d'urgence disponibles.

DIFFUSEUR ROTOMOULÉ
Diffuseur blanc translucide en MDPE rotomoulé résistant aux chocs. Vient en 4 grandeurs, 8", 12", 16" & 20".



INSTALLATION
3230B : Installation avec système verrouillage par rotation, pour une apparence sans quincaillerie visible. Mika est montée sur une boîte de jonction octogonale profonde (3983 - incluse).

SYSTÈME OPTIQUE
Un globe rond classique givré avec illumination uniforme.

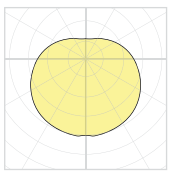


SPÉCIFICATION PRODUIT	3230B-8	3230B-12	3230B-16	3230B-20
PERFORMANCE	**REG — HO**	**LOW — REG — HO**	**LOW — REG — HO**	**LOW - REG**
PUISSANCE TOTALE	4.8 — 6.7 W	7.1 — 10.8 — 15.6 W	15.6 — 23 — 33.9 W	24.8 — 38.5 W
LUMENS RÉELS (3500K)	686 — 957 LM	1141 — 1672 — 2350 LM	2079 — 3064 — 4293 LM	3312 — 4851 LM
EFFICACITÉ	143 —143 LM/W	161 — 155 — 151 LM/W	133 — 133 — 127 LM/W	134 — 126 LM/W
AUTRES INFORMATIONS				
POIDS	2.2LBS / 1.0KG	2.9LBS / 1.3KG	4.9LBS / 2.2KG	6.7LBS / 3.0KG
L70 (MAINTENANCE DE LA LUMIÈRE)	> 55 000 HRS	> 55 000 HRS	> 55 000 HRS	> 55 000 HRS
CRITÈRES DE CERTIFICATION WELL & LEED				
MAX. LUMINANCE 45°-90° NADIR	1817 — 2535 CD/M²	1137 — 1666 — 2340 CD/M²	1178 — 1736 — 2432 CD/M²	1148 — 1681 CD/M²
QUALITÉ DE LA LUMIERE	R9 > 50			
TOLÉRANCE DE CLIGNOTEMENTS	PEU DE CLIGNOTEMENT (CONFORME À CALIFORNIA TITLE 24)			

FACTEUR D'EFFICACITÉ

IRC	CCT	FACTEUR
90+	4000K	1.03
90+	3500K	1.00
90+	3000K	0.98
90+	2700K	0.93

DISTRIBUTION LUMINEUSE



3230B

Visitez notre site Web pour les termes et conditions.

EUREKA

DONNÉES TECHNIQUES

© 2026 Acuity Brands Lighting, Inc. Tous droits réservés.

JUNCTION BOX 3981E

PROJECT PROJET

SPEC TYPE

NOTES

ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE | **CODE**

MODEL MODÈLE	
3981EA	APPROX. 10W MAX EMERGENCY BACKUP POWER
3981EB	APPROX. 5W MAX EMERGENCY BACKUP POWER

PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT

DESIGN: Remote junction box and cover with an emergency backup driver. Features matching wires and labelling to simplify installation. Is required to complete luminaires ordered with EMB remote emergency box option (selected models, refer to specification sheets. Other models possible upon request). Available in several power outputs, selected according to the luminaire power.

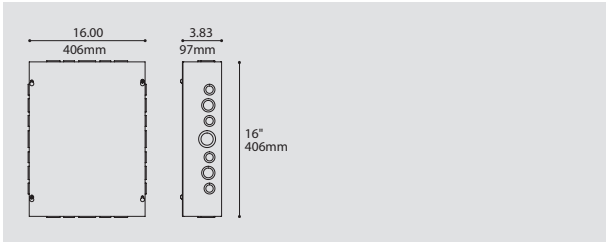
STRUCTURE: Die-stamped 16 gauge grey painted steel. Knockouts on all 4 sides from 1/2" to 1-1/4".

CERTIFIED: c-CSA-us, UL, RoHS, NEMA Type 1, FCC

CONCEPTION: Boîte de jonction à distance avec couvercle avec batterie d'urgence intégré. Contient des fils avec couleurs et étiquettage pour simplifier l'installation. Requis pour compléter un luminaire commandée avec l'option EMB (voir pages de spécification pour produits avec l'option EMB. Autres produits possibles sur demande). Disponible en plusieurs puissances, sélectionnées en fonction du luminaire.

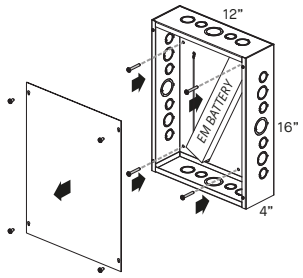
STRUCTURE: Acier plié de 16 jauge peinturé gris avec coins soudés. Débouchures sur 4 côtés 1/2" à 1-1/4".

CERTIFIÉ: c-CSA-us, UL, RoHS, NEMA Type 1, FCC



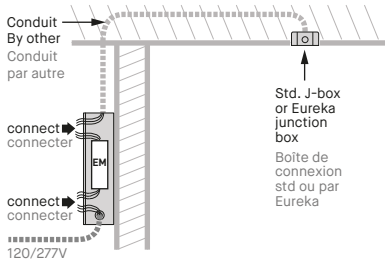
INSTALLATION SUMMARY SOMMAIRE D'INSTALLATION

STEP 1 ÉTAPE 1



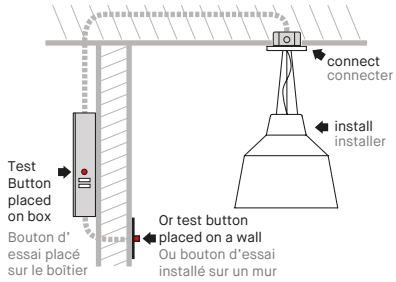
Remove cover and fasten box remotely to a wall or a ceiling.
Enlever le couvercle et fixer la boite à distance sur un mur ou un plafond.

STEP 2 ÉTAPE 2



Run conduit from box to junction box of luminaire. Conduit must have a minimum of 5 wires with wire gauge and maximum distance as per EM driver distance chart. Connect EM driver to conduit wires and ac branch circuit.
Faites passer le conduit de la boîte EM à la boîte de connexion du luminaire. Consulter le tableau de "distance maximale" disponible dans la feuille d'installation. Branchez la batterie EM avec les fils du conduit ainsi que la ligne 120V ou 277V.

STEP 3 ÉTAPE 3



Install luminaire & connect its wires to conduit. Install test button on wall or box (wall plate not supplied).
Installer le luminaire & connecter les fils au conduit. Installer le bouton d'essai sur le mur ou boîtier (plaque murale non fournie).

REFER ALSO TO INSTALLATION DRAWING AND EM GUIDE FOR MORE INFORMATION.
CONSULTEZ LE DESSIN D'INSTALLATION ET LE GUIDE EM POUR PLUS D'INFORMATIONS.

© 2026 Acuity Brands Lighting, Inc. All rights reserved.

3981E REMOTE EMERGENCY BOX KIT - **IOTA EM DRIVER**

SAFETY GUIDELINES :

> Follow safety instructions and guidlelines of EM battery/driver manufacturer for the specific model.
> Install by qualified personnel in accordance with the National Electrical Code and local regulations.
> Turn off power supply before installation or servicing the fixture.

EMB LOCATION :

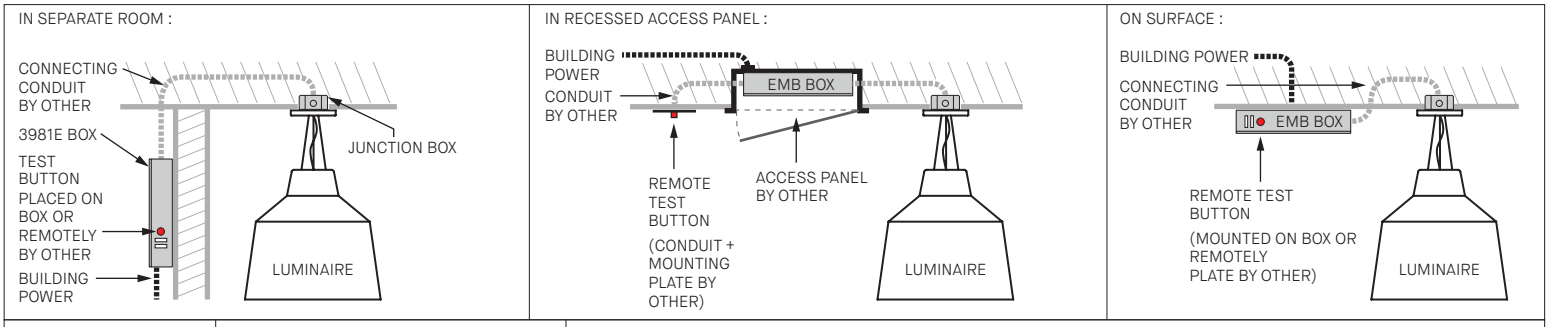
> The 3981E box connects to a luminaire ordered with an EMB option (which has specific EM WIRING).
> Consult our chart for maximum remote distance of EM battery to luminaire leds.
> Establish desired location for EMB box & EM test button on box or on a wall.

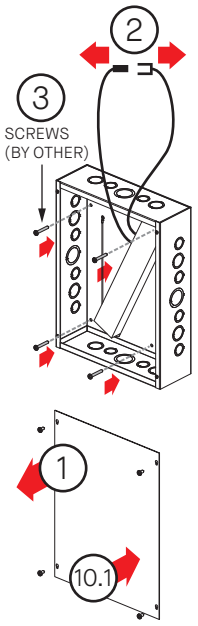
EM Remote Distance Chart

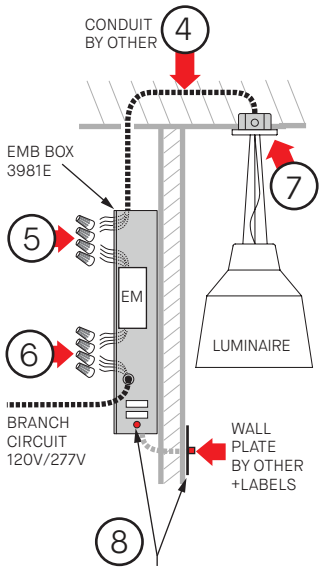
Maximum distance EM battery to Luminaire LEDs (Ft)

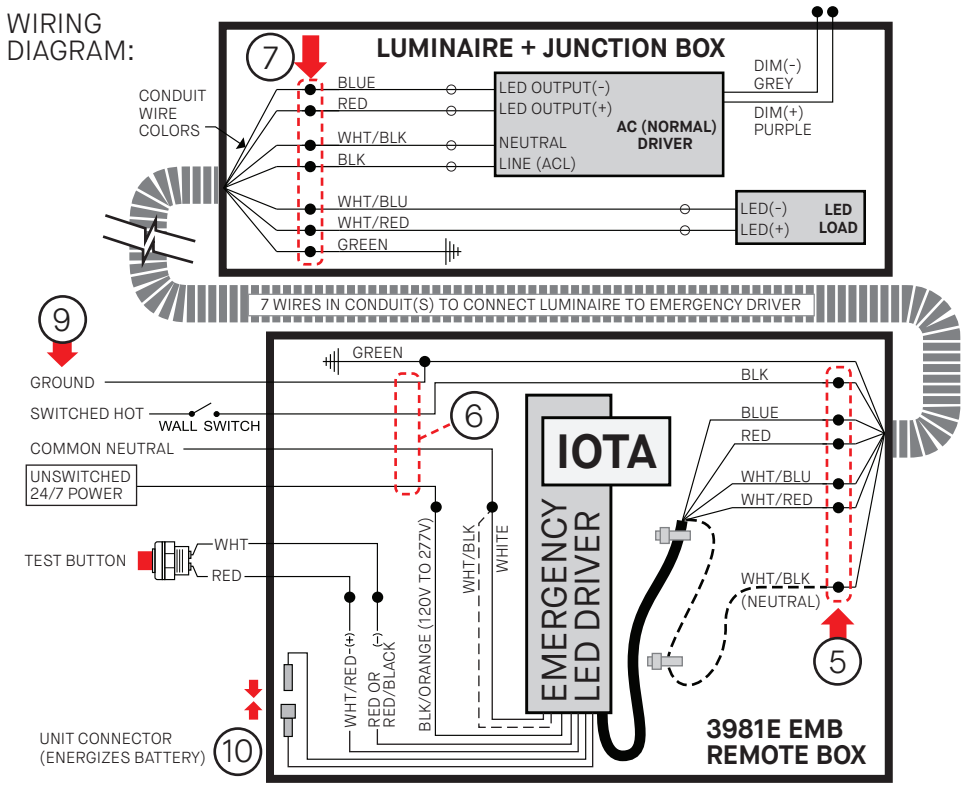
MAX EM BOX DISTANCE (Ft)		CONDUIT WIRE GAUGE (AWG)						
		10	12	14	16	18	20	22
LUMINAIRE DRIVER OUTPUT CURRENT* (Amps) *Contact Eureka	200mA	1043'	651'	413'	259'	163'	103'	65'
	350mA	596'	372'	236'	148'	93'	59'	37'
	500mA	417'	261'	165'	104'	65'	41'	26'
	700mA	298'	186'	118'	74'	47'	29'	18'
	1000mA	209'	130'	83'	52'	33'	21'	13'
	1400mA	149'	93'	59'	37'	23'	15'	9'
	2000mA	104'	65'	41'	26'	16'	10'	6'
	3000mA	70'	43'	28'	17'	11'	7'	4'

EMB PLACEMENT EXAMPLES :









INSTALLATION

1 -REMOVE BOX COVER.

2 -IF CONNECTED, DISCONNECT THE EM BATTERY 'UNIT CONNECTOR' (WHITE).

3 -SCREW BOX TO MOUNTING SURFACE (SCREWS NOT SUPPLIED)

4 -RUN CONDUIT FROM EMB BOX TO ELECTRICAL JUNCTION BOX OF LUMINAIRE. CONDUIT MUST HAVE MIN. 7 WIRES AND WIRE GAUGE AS PER DISTANCE CHART.

5 -CONNECT CONDUIT WIRES TO EM BATTERY AS PER WIRING DIAGRAM.
CAREFULLY NOTE WHICH WIRE COLORS ARE CONNECTED TOGETHER ON EACH END.

6 -CONNECT BATTERY TO AC BRANCH CIRCUIT : GROUND, NEUTRAL, 24/7 UNSWITCHED LINE (HOT) AND SWITCHED LINE (ON SAME CIRCUIT AS LUMINAIRE ON/OFF CONTROL).

7 -INSTALL SPECIFIC EM LUMINAIRE, CONNECT WIRES TO CONDUIT USING THE SAME CORRESPONDING COLORS NOTED AT THE EM BATTERY-CONDUIT CONNECTION.

8 -INSTALL EM BATTERY TEST BUTTON IN DESIRED LOCATION. WALL PLATE BY OTHER. ADD LABELS "PUSH TO TEST" & CHARGING INDICATOR LIGHT".

9 -SWITCH ON AC POWER.

10 -JOIN THE EM BATTERY CONVERTOR CONNECTOR. 10.1 -INSTALL BOX COVER.

11 -IF EMB IS FAR FROM THE LUMINAIRE, IDENTIFY TO WHICH LUMINAIRE IT IS CONNECTED.

AT THIS POINT POWER SHOULD BE CONNECTED TO BOTH THE AC DRIVER AND THE EMERGENCY DRIVER & TEST/CHARGE LIGHT SHOULD ILLUMINATE, INDICATING BATTERY IS CHARGING.

TESTING & EM DRIVER/BATTERY MAINTENANCE:

CONDUCT A SHORT-TERM DISCHARGE TEST AFTER THE EMERGENCY DRIVER HAS BEEN CHARGED FOR MINIMUM ONE HOUR. CHARGE FOR 24 HOURS BEFORE CONDUCTING A LONG-TERM DISCHARGE TEST.

FOLLOW GUIDELINES FROM THE EM DRIVER/BATTERY MANUFACTURER INSTRUCTIONS FOR THE REQUIRED PERIODIC TESTING AND MAINTENANCE GUIDELINES.

© 2026 Acuity Brands Lighting, Inc. All rights reserved.

3981E BOÎTE D'URGENCE À DISTANCE - **DRIVER EM IOTA**

DIRECTIVES DE SÉCURITÉ:

> Suivre les consignes de sécurité et les directives d'installation du fabricant de la batterie d'urgence.
> Installer par du personnel qualifié conformément au code électrique national et local.
> Fermer l'alimentation avant l'installation ou l'entretien.

EMPLACEMENT :

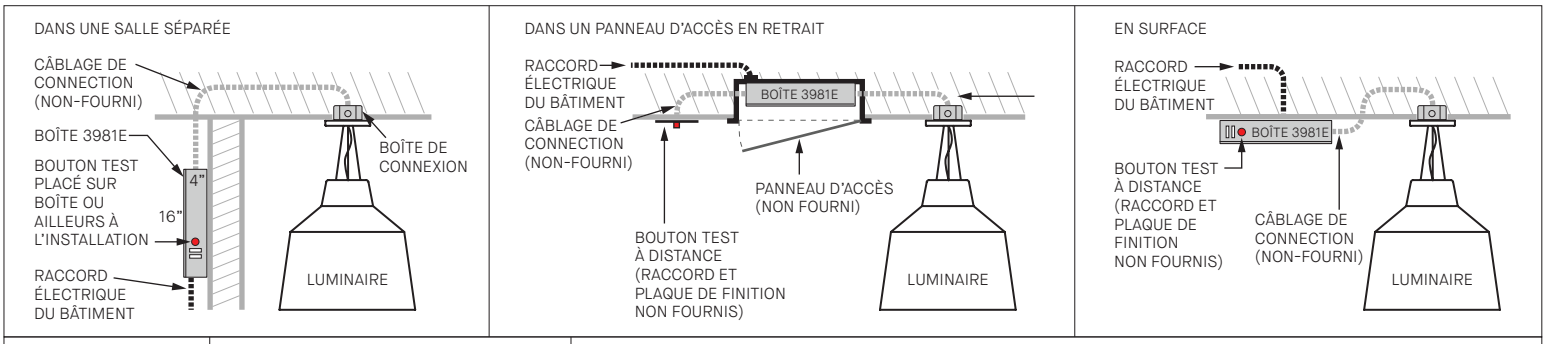
> Cette boîte 3981E se connecte à un luminaire commandé avec l'option EMB (qui a du filage spéficique).
> Consulter le tableau pour la distance maximale de la batterie d'urgence aux DELs du luminaire.
> Déterminer l'emplacement souhaité pour la boîte EMB et le bouton de test d'urgence.

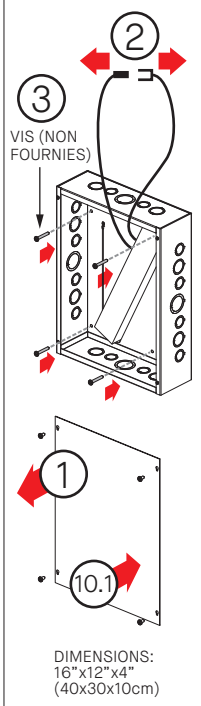
Charte de distance d'installation EM

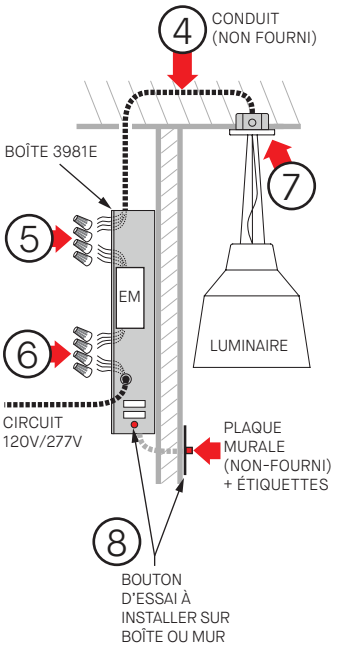
Distance maximale entre Batterie d'urgence et DELs du luminaire (Pi)

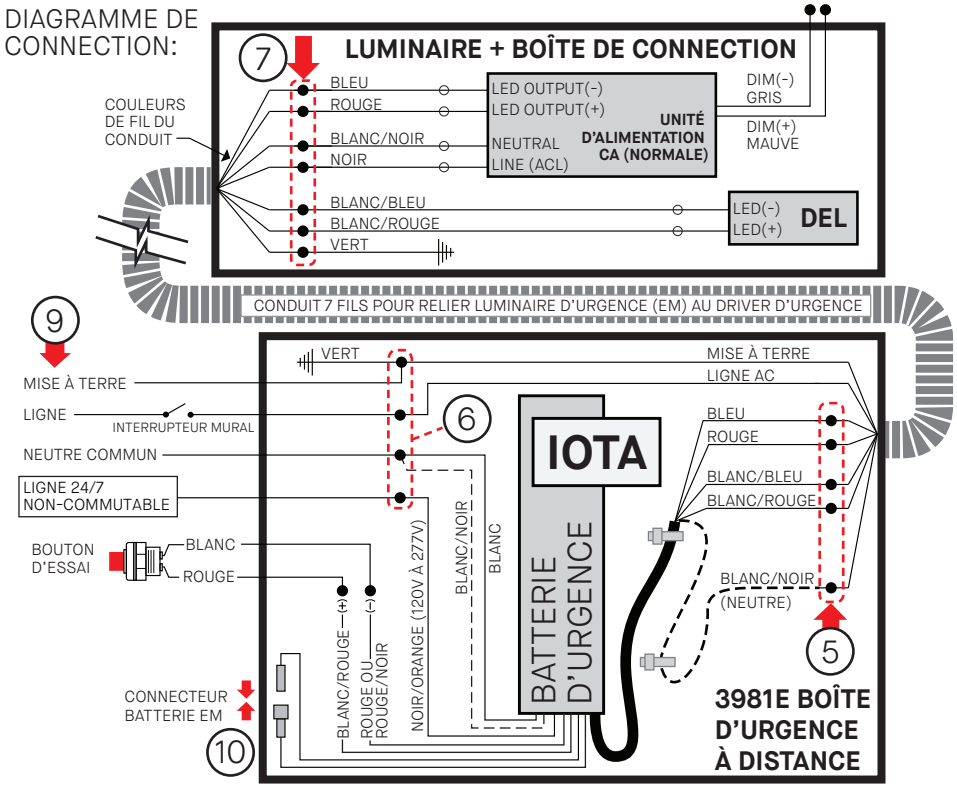
DISTANCE MAX D'INSTALLATION (Pi)		GAUGE DE FILS DU CONDUIT (AWG)						
		10	12	14	16	18	20	22
COURANT ALIMENTATION DU LUMINAIRE* (Amp) *Contacter Eureka	200mA	1043'	651'	413'	259'	163'	103'	65'
	350mA	596'	372'	236'	148'	93'	59'	37'
	500mA	417'	261'	165'	104'	65'	41'	26'
	700mA	298'	186'	118'	74'	47'	29'	18'
	1000mA	209'	130'	83'	52'	33'	21'	13'
	1400mA	149'	93'	59'	37'	23'	15'	9'
	2000mA	104'	65'	41'	26'	16'	10'	6'
	3000mA	70'	43'	28'	17'	11'	7'	4'

EXEMPLES D'EMPLACEMENT:









INSTALLATION

1 - DÉVISSER LE COUVERCLE.

2 -DÉCONNECTER LE CONNECTEUR BLANC DE BATTERIE EM (UNIT CONNECTOR).

3 -FIXER LA BOÎTE SUR LE MUR/PLAFOND AVEC VIS (NON FOURNIES)

4 -PASSER DU CONDUIT DU EMB VERS LA BOÎTE DE CONNEXION ÉLÉCTRIQUE DE LUMINAIRE. LE CONDUIT DOIT AVOIR 7 FILS AVEC JAUGE DE FIL SELON CHARTE DE DISTANCE.

5 -CONNECTER LES FILS DE CONDUIT À LA BATTERIE EM SELON LE SCHÉMA DE CÂBLAGE.

6 -CONNECTER LA BATTERIE AU CIRCUIT DE DÉRIVATION AC (FILS: MISE A LA TERRE, NEUTRE, LIGNE & LIGNE SANS INTERRUPTEUR 24H/7* (*DOIT ETRE LE MEME CIRCUIT QUE LE CONTROLE DU LUMINAIRE).

7 -INSTALLER LUMINAIRE SPÉCIFIQUE EM, CONNECTER LES FILS AU CONDUIT AVEC MÊMES COULEURS CORRESPONDANTES DE LA BATTERIE EM AUX FILS DE CONDUIT.

8 -INSTALLEZ LE BOUTON D'ESSAI DE BATTERIE EM DANS L'ENDROIT SOUHAITÉ (PLAQUE MURALE PAR AUTRE). COLLER ÉTIQUETTES "PUSH TO TEST" & CHARGING INDICATOR LIGHT".

9 -ALIMENTER LE CIRCUIT AC.

10 -JOINDRE CONNECTEUR BLANC DE BATTERIE EM. 10.1 -INSTALLER COUVERCLE DE BOITE.

11 -SI LE EMB EST LOIN DU LUMINAIRE, IDENTIFIER À QUEL LUMINAIRE IL EST CONNECTÉ.

A CE STADE, L 'ALIMENTATION DEVRAIT ETRE CONNECTÉE À L'UNITÉ D'ALIMENTATION AC ET LA BATTERIE D' URGENCE ET LA LUMIERE DE TEST/CHARGE S'ILLUMINE, INDIQUANT QUE LA BATTERIE SE CHARGE.

ESSAIS & ENTRETIEN DE LA BATTERIE:

FAITES UN TEST DE DÉCHARGE À COURT TERME APRÈS AVOIR CHARGÉ LA BATTERIE D'URGENCE AU MINIMUM UNE HEURE. CHARGEZ 24 HEURES AVANT D'EFFECTUER UN TEST DE DÉCHARGE À LONG TERME.

SUIVRE LES DIRECTIVES DU FABRICANT DE BATTERIE / CONDUCTEUR EM (SITE WEB) POUR LES DIRECTIVES PÉRIODIQUES REQUISES EN MATIÈRE DE TEST ET D'ENTRETIEN.

© 2026 Acuity Brands Lighting, Inc. All rights reserved.