

STELLA 4272

PROJECT PROJÉT
SPEC TYPE
NOTES



FINISH FINI



BLKE

WHE

FAMILY FAMILLE



4272DI-9

4272DI-16

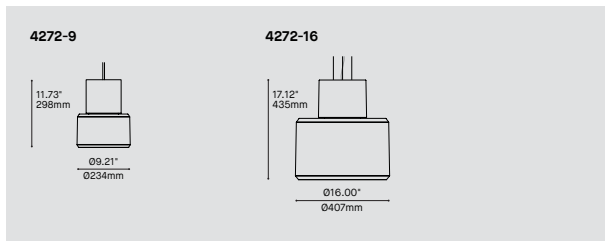
4273-14



4272D-9 DIRECT ONLY

4272D-16 DIRECT ONLY

4273-23



ORDERING SPECIFICATION	SPÉCIFICATION DE COMMANDE	CODE
MODEL MODÈLE		
4272DI-9	STELLA 9" (DIRECT+INDIRECT)	
4272DI-16	STELLA 16" (DIRECT+INDIRECT)	
4272D-9	STELLA 9" (DIRECT ONLY)	
4272D-16	STELLA 16" (DIRECT ONLY)	
LIGHT SOURCE SOURCE LUMINEUSE		
LED	REGULAR OUTPUT	
LED.HO	HIGH OUTPUT	
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)		
80	80+ CRI	
90*	90+ CRI	
	* LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE	
VOLTAGE VOLTAGE		
120V	120 VOLT	
277V	277 VOLT	
347V*	347 VOLT	
	* 347V COMES WITH A 09.3" X 1.75" CANOPY	
CONTROL OPTION OPTION DE CONTRÔLE*		
DV	0-10V DIMMING (120V-277V & 347V)	
DP	PHASE DIMMING (120V ONLY)	
NLTAIR2	NLIGHT AIR CONTROL GEN 2 ^{(A)*}	
NLIGHT	NLIGHT WIRED CONTROL ^{(B)*}	
	^(A) NLIGHT AIR INTEGRATED INSIDE PRODUCT	
	^(B) REQUIRES REMOTE POWER PACK (39NLWA)	
	*EMERGENCY BATTERY NOT AVAILABLE WITH NLIGHT	
	*REFER TO NLIGHT GUIDE AND INSTALLATION SHEET FOR ALL REQUIREMENTS.	
EMERGENCY BATTERY BATTERIE D'URGENCE		
	AVAILABLE WITH LED SOURCES 120-227V. EM DRIVER BOX INCLUDED, INSTALLED REMOTELY. SEE EM GUIDE FOR DETAILS. WITH DV DIMMING OPTION, AN ADDITIONAL POWER CABLE WILL DROP FROM CEILING NEXT TO MAIN CABLE.	
EMB*	EMERGENCY BATTERY FOR REMOTE BOX	
	*3981EA ACCESSORY IS REQUIRED; ONLY AVAILABLE WITH CABLE	
STEM OR CABLE TIGE OU CABLE		
S10	3/8" (10MM) STEM, NOT FIELD ADJUSTABLE	
C	CABLE, FIELD ADJUSTABLE (FOR 4272-9 & 4272D-9)	
AC	AIRCRAFT MOUNTING & CABLE, FIELD ADJUSTABLE (FOR 4272-16 & 4272D-16)	
STEM OR CABLE LENGTH LONGUEUR DE TIGE OU CABLE		
36	36" STEM (STD LENGTH)	
60	60" CABLE (STD LENGTH)	
**	CUSTOM STEM LENGTH (PLEASE SPECIFY)	
**	CUSTOM CABLE LENGTH (PLEASE SPECIFY)	
	FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE.	
CANOPY FINISH FINI PAVILLON		
BLKE	BLACK FINE TEXTURE	
WHE	WHITE FINE TEXTURE	
POWER CORD OR STEM FINISH FINI CABLE D'ALIMENTATION OU TIGE		
BLK	BLACK POWER CORD OR STEM	
WH	WHITE POWER CORD OR STEM	
SHADE FINISH FINI ABAT-JOUR ^(A)		
BLKE	BLACK FINE TEXTURE	
WHE	WHITE FINE TEXTURE	
RAL ^(B)	PLEASE SPECIFY RAL CODE	
	^(A) SHADE INTERIOR IS ALWAYS WHITE	
	^(B) LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE	
DIFFUSER FINISH FINI DIFFUSEUR		WH
WH	WHITE	
ACCESSORY ACCESSOIRE		
39NLWA*	NLIGHT WIRED REMOTE CONTROLLER	
3981EA	ELECTRICAL BOX FOR EMB EMERGENCY BATTERY	
	*FOR CHICAGO PLENUM INSTALLATION, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE.	

STELLA 4272-9

QUICKSHIP

PROJECT PROJET

SPEC TYPE

NOTES



FINISH FINI

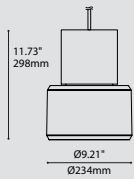


BLKE



WHE

4272-9



ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE

CODE

QUICKSHIP

QS5 QUICKSHIP 5 DAYS - MAXIMUM 5 UNITS QUICKSHIP 5 JOURS - MAXIMUM 5 UNITÉS
 QS10 QUICKSHIP 10 DAYS - MAXIMUM 20 UNITS QUICKSHIP 10 JOURS - MAXIMUM 20 UNITÉS

MODEL MODÈLE

4272DI-9 STELLA

4272DI-9

LIGHT SOURCE SOURCE LUMINEUSE

LED REGULAR OUTPUT
 LED.HO HIGH OUTPUT

COLOR TEMPERATURE TEMPÉRATURE DE COULEUR

30 3000K
 35 3500K
 40 4000K

COLOR RENDERING INDEX (CRI) INDICE DE RENDU DE COULEUR (IRC)

80 80+ CRI

80

VOLTAGE VOLTAGE

120V 120 VOLT
 277V 277 VOLT

DIMMING OPTION OPTION DE GRADATION

DV 0-10V DIMMING (120V-277V)
 DP PHASE DIMMING (120V ONLY)

LED DIMMING DRIVER IS STANDARD IN THIS PRODUCT, PLEASE SPECIFY YOUR DIMMING TYPE.

STEM OR CABLE TIGE OU CABLE

C CABLE, FIELD ADJUSTABLE

C

STEM OR CABLE LENGTH LONGUEUR DE TIGE OU CABLE

60 60" CABLE (STD LENGTH)
 ** CUSTOM CABLE LENGTH (PLEASE SPECIFY)
 FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE.

CANOPY FINISH FINI PAVILLON

BLKE BLACK FINE TEXTURE
 WHE WHITE FINE TEXTURE

SHADE FINISH FINI ABAT-JOUR (A) (B)

BLKE BLACK FINE TEXTURE
 WHE WHITE FINE TEXTURE
(A) SHADE INTERIOR IS ALWAYS WHITE
 (B) SHADE FINISH DICTATES THE CABLE COLOR

DIFFUSER FINISH FINI DIFFUSEUR

WH WHITE

WH

PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT

BIM DIM EMB IES LED

DESIGN:

Stella, at its core, is a powerful light engine fused to a minimalist aluminum shell. A large diffusion dome hidden inside the shade create a uniform direct & indirect illumination. Also offered in a direct only configuration.

INSTALLATION:

Single cable or stem for a minimalist look.

LIGHT SOURCE:

A highly powerful COB type light source project a light, softened by a large polymer diffusion dome to create an illumination that is efficient & uniform. Some of the light is reflected upward by the dome; thus illuminating indirectly the ceiling. Many control options available.

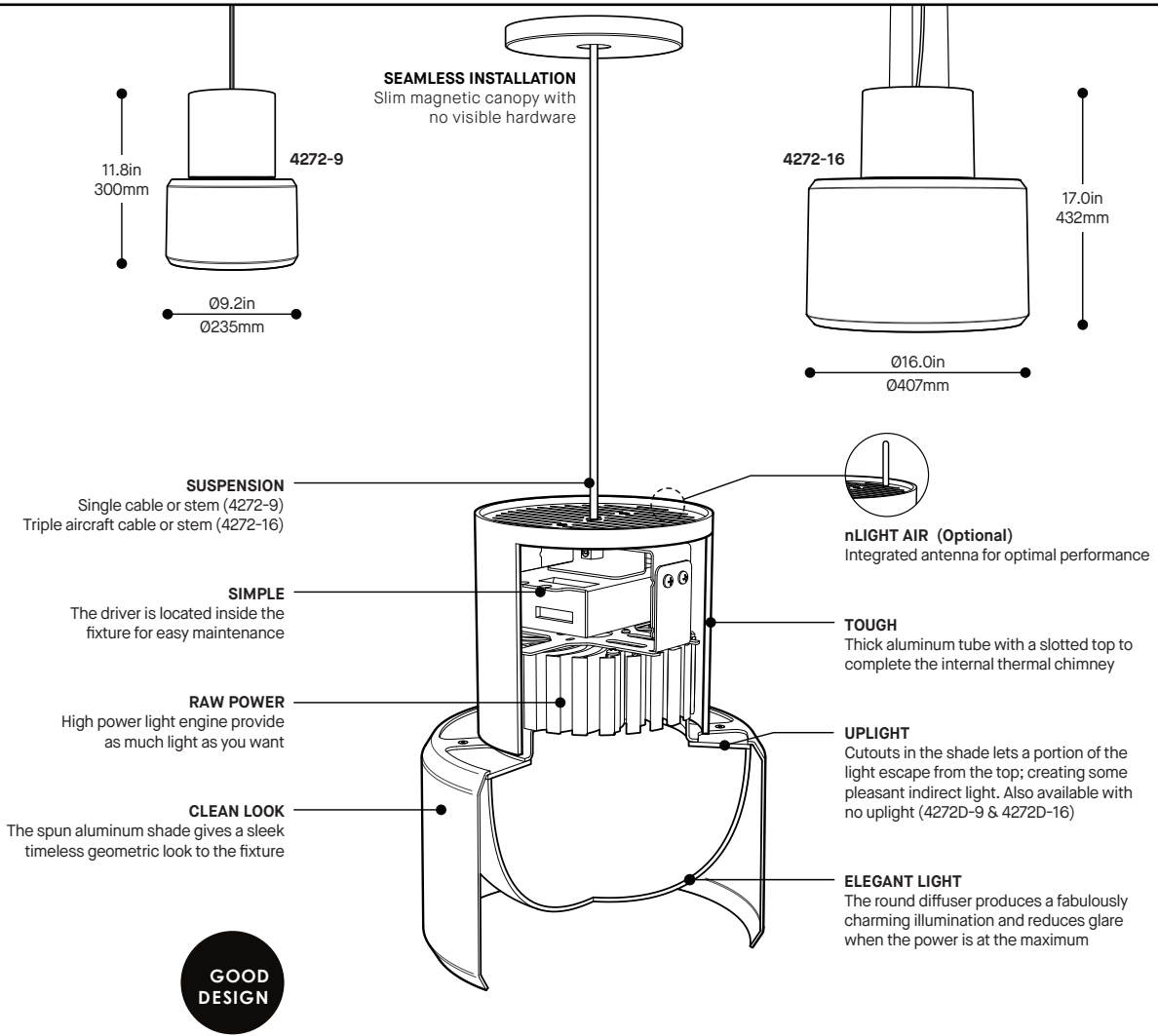
SHADE:

The precision spun aluminum shade is optimized to reduce glare. White internal finish for optimal light reflection.

CERTIFIED:

c-CSA-us

STELLA 4272-XX



PRODUCT SPECIFICATION	4272DI-9 REG - HO	4272DI-16 REG - HO	4272D-9 REG - HO	4272D-16 REG - HO
PERFORMANCE				
SYSTEM WATTAGE	28.6W - 51W	34.8W - 68.9W	28.6W - 51W	34.8W - 68.9W
DELIVERED DIRECT LUMENS (4000K)	1750LM - 3060LM	2230LM - 3860LM	2050LM - 3560LM	2620LM - 4550LM
DELIVERED INDIRECT LUMENS (4000K)	500LM - 860LM	770LM - 1340LM	-	-
EFFICACY	78.8LM/W	86.2LM/W	71.7LM/W	75.3LM/W
OTHER INFORMATIONS				
WEIGHT	7.3LBS / 3.3KG	9.8LBS / 4.4KG	7.3LBS / 3.3KG	9.8LBS / 4.4KG
L70 (LUMEN MAINTENANCE)	> 63 600 HRS	> 55 000 HRS	> 63 600 HRS	> 55 000 HRS
WELL & LEED STANDARD REQUIREMENTS				
MAX. LUMINANCE 45°-90° OF NADIR	5401(REG) CD/M ²	4398(HO) CD/M ²	5401(REG) CD/M ²	4398(HO) CD/M ²
LIGHT QUALITY	R9 > 50 (90 CRI OPTION)			
FLICKERING TOLERANCE	LOW FLICKER, COMPLIANT TO CALIFORNIA TITLE 24			

EFFICACY MULTIPLIERS

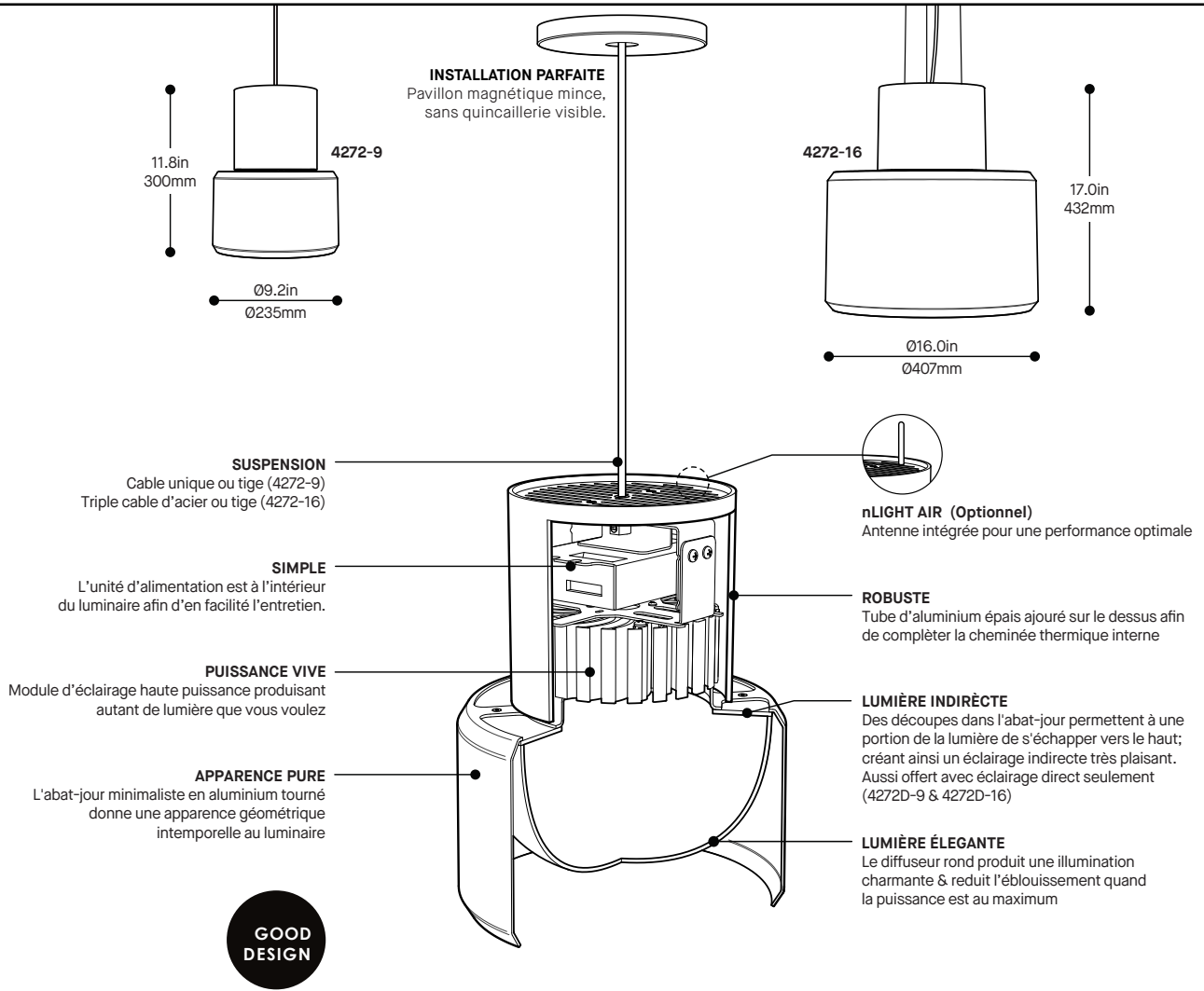
CRI	CCT	FACTOR
80+	4000K	1.00
80+	3500K	0.99
80+	3000K	0.97
80+	2700K	0.94
90+	4000K	0.89
90+	3500K	0.86
90+	3000K	0.84
90+	2700K	0.80

LIGHT DISTRIBUTION



TECHNICAL DATA

STELLA 4272-XX



SPECIFICATION PRODUIT

	4272DI-9 REG - HO	4272DI-16 REG - HO	4272D-9 REG - HO	4272D-16 REG - HO
PERFORMANCE				
PUISSANCE TOTALE	28.6W - 51W	34.8W - 68.9W	28.6W - 51W	34.8W - 68.9W
LUMENS RÉELS DIRECT (4000K)	1750LM - 3060LM	2230LM - 3860LM	2050LM - 3560LM	2620LM - 4550LM
LUMENS RÉELS INDIRECT (4000K)	500LM - 860LM	770LM - 1340LM	-	-
EFFICACITÉ	78.8LM/W	86.2LM/W	71.7LM/W	75.3LM/W
AUTRES INFORMATIONS				
POIDS	7.3LBS / 3.3KG	9.8LBS / 4.4KG	7.3LBS / 3.3KG	9.8LBS / 4.4KG
L70 (MAINTENANCE DE LA LUMIÈRE)	> 63 600 H	> 55 000 H	> 63 600 H	> 55 000 H
CRITÈRES DE CERTIFICATION WELL & LEED				
MAX. LUMINANCE 45°-90° NADIR	5401(REG) CD/M²	4398(HO) CD/M²	5401(REG) CD/M²	4398(HO) CD/M²
QUALITÉ DE LA LUMIÈRE	R9 > 50 (OPTION 90 IRC)			
TOLÉRANCE DE CLIGNOTEMENTS	PEU DE CLIGNOTEMENT (CONFORME À CALIFORNIA TITLE 24)			

FACTEUR D'EFFICACITÉ

IRC	CCT	FACTEUR
80+	4000K	1.00
80+	3500K	0.99
80+	3000K	0.97
80+	2700K	0.94
90+	4000K	0.89
90+	3500K	0.86
90+	3000K	0.84
90+	2700K	0.80

DISTRIBUTION LUMINEUSE



Visitez notre site Web pour les termes et conditions.



DONNÉES TECHNIQUES

JUNCTION BOX 3981E

PROJECT PROJET
SPEC TYPE
NOTES



ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE

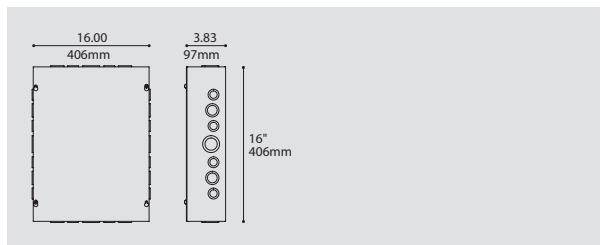
CODE

MODEL MODÈLE

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

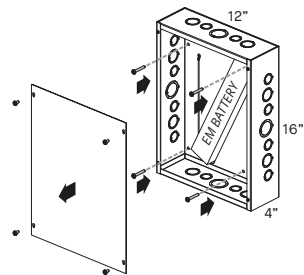
PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT

- 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 étiquetage 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



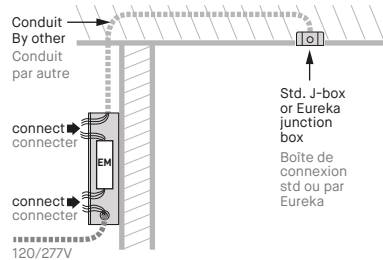
INSTALLATION SUMMARY SOMMAIRE D'INSTALLATION

STEP 1 ÉTAPE 1



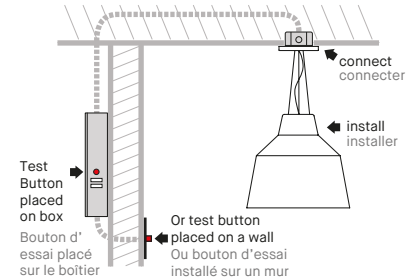
Remove cover and fasten box remotely to a wall or a ceiling.
Enlever le couvercle et fixer la boîte à distance sur un mur ou un plafond.

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.



SPECIFICATION

3981E REMOTE EMERGENCY BOX KIT - IOTA EM DRIVER

SAFETY GUIDELINES :

- > Follow safety instructions and guidelines 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.

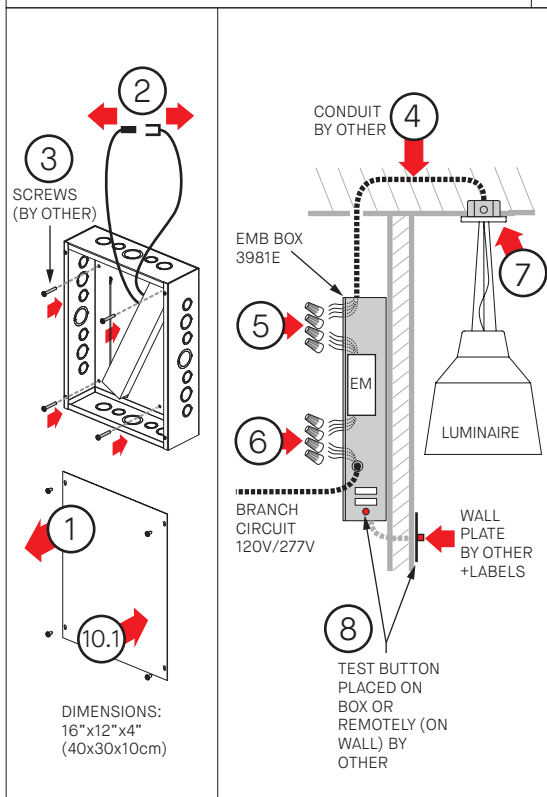
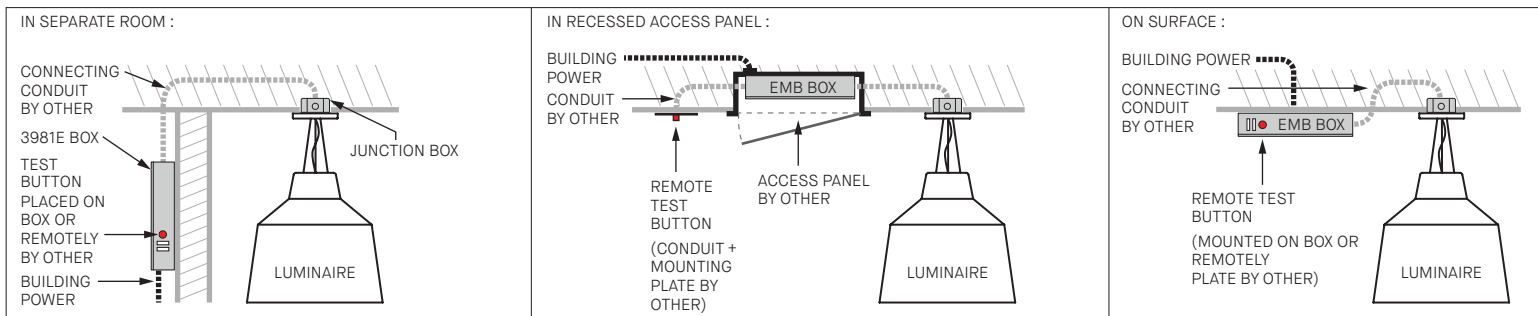
EMB LOCATION :

- > 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.

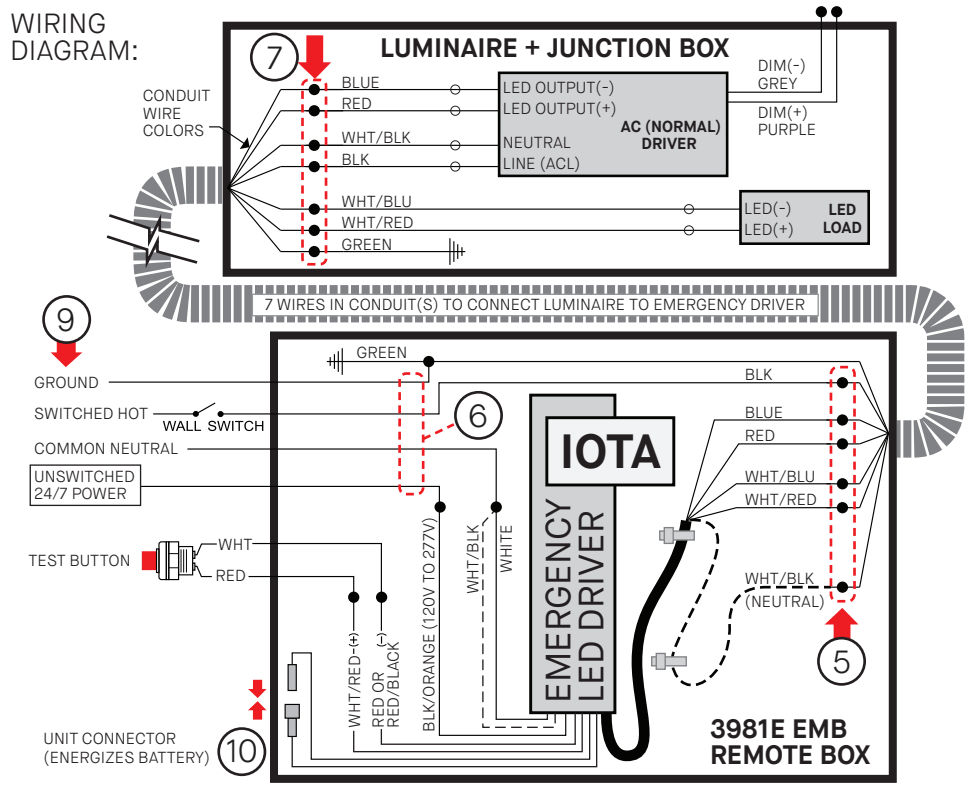
EM Remote Distance Chart
Maximum distance EM battery to Luminaire LEDs (Ft)

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



WIRING DIAGRAM:



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.

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

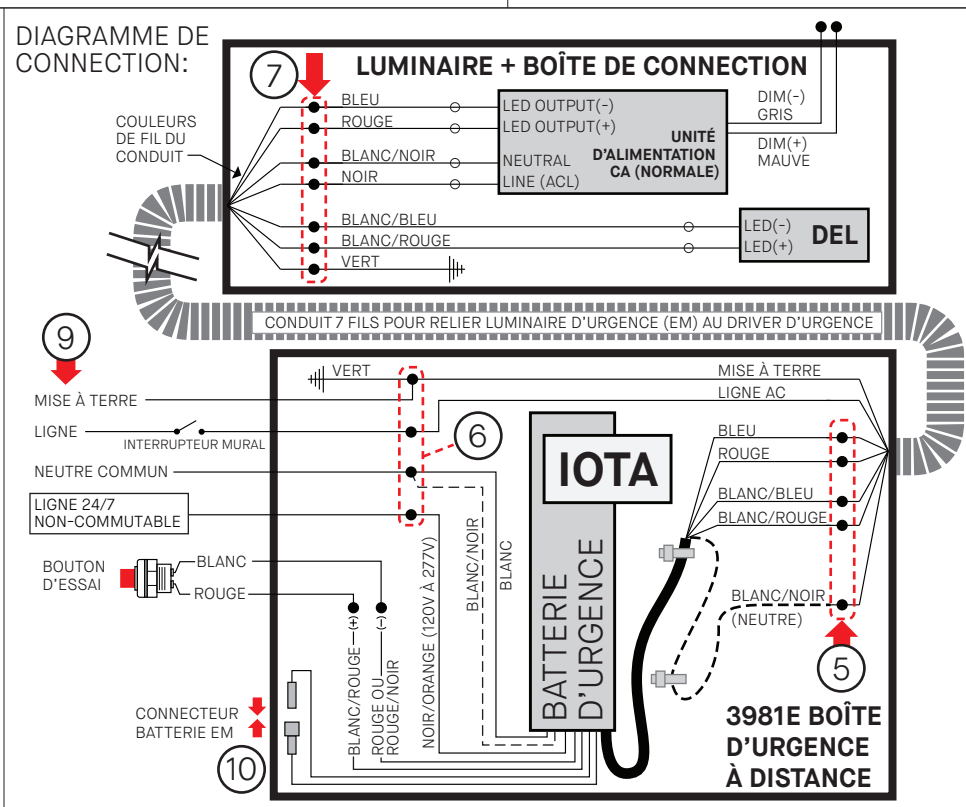
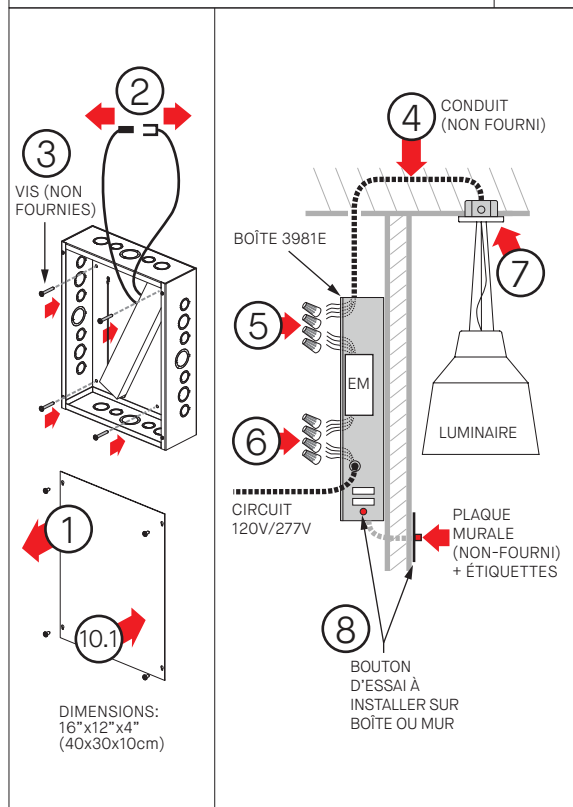
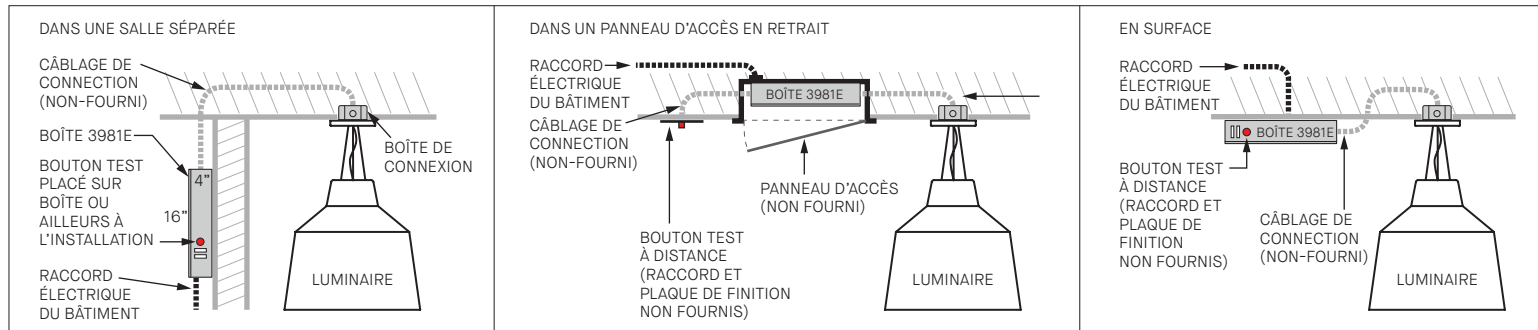
DIRECTIVES DE SÉCURITÉ:

- > 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 spécifique).
- > 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.

EXEMPLES D'EMPLACEMENT:



INSTALLATION

- DÉVISSER LE COUVERCLE.
- DÉCONNECTER LE CONNECTEUR BLANC DE BATTERIE EM (UNIT CONNECTOR).
- FIXER LA BOÎTE SUR LE MUR/PALAFOND AVEC VIS (NON FOURNIES)
- PASSER DU CONDUIT DU EMB VERS LA BOÎTE DE CONNEXION ÉLECTRIQUE DE LUMINAIRE. LE CONDUIT DOIT AVOIR 7 FILS AVEC GAUGE DE FIL SELON CHARTE DE DISTANCE.
- CONNECTER LES FILS DE CONDUIT À LA BATTERIE EM SELON LE SCHÉMA DE CÂBLAGE.
- 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)).
- INSTALLER LUMINAIRE SPÉCIFIQUE EM, CONNECTER LES FILS AU CONDUIT AVEC MÊMES COULEURS CORRESPONDANTES DE LA BATTERIE EM AUX FILS DE CONDUIT.
- INSTALLER LE BOUTON D'ESSAI DE BATTERIE EM DANS L'ENDROIT SOUHAITÉ (PLAQUE MURALE PAR AUTRE). COLLER ÉTIQUETTES "PUSH TO TEST" & CHARGING INDICATOR LIGHT".

- ALIMENTER LE CIRCUIT AC.
- JOINDRE CONNECTEUR BLANC DE BATTERIE EM. 10.1 - INSTALLER COUVERCLE DE BOÎTE.
- SI LE EMB EST LOIN DU LUMINAIRE, IDENTIFIER À QUEL LUMINAIRE IL EST CONNECTÉ.

A CE STADE, L'ALIMENTATION DEVRAIT ÊTRE CONNECTÉE À L'UNITÉ D'ALIMENTATION AC ET LA BATTERIE D'URGENCE ET LA LUMIÈRE 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.

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