

SCOUT 4048/4049

PROJECT PROJÉT

SPEC TYPE

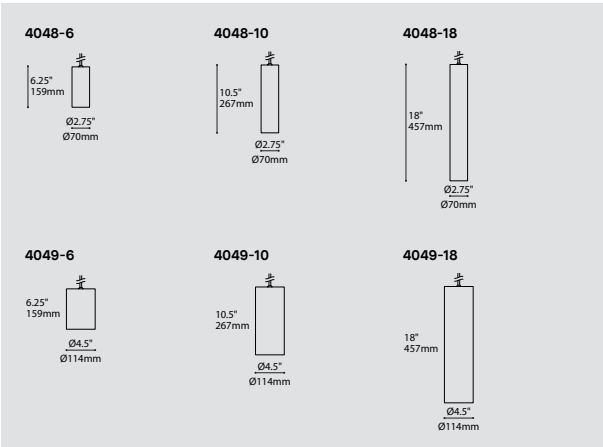
NOTES



FINISH



MOUNTING OPTIONS OPTIONS DE MONTAGE



ORDERING SPECIFICATION		SPÉCIFICATION DE COMMANDE		CODE	
MODEL	MODÈLE				
4048-6	SCOUT 02.75 - 6"				
4048-10	SCOUT 02.75 - 10"				
4048-18	SCOUT 02.75 - 18"				
4049-6	SCOUT 04.5 - 6"				
4049-10	SCOUT 04.5 - 10"				
4049-18	SCOUT 04.5 - 18"				
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				
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				
* REQUIRES RC2 CANOPY.					
* EMERGENCY BATTERY NOT AVAILABLE WITH NLIGHT OPTIONS					
REFER TO NLIGHT GUIDE AND INSTALLATION SHEET FOR ALL REQUIREMENTS.					
EMERGENCY BATTERY	BATTERIE D'URGENCE				
COMPATIBLE WITH RC MOUNTING ONLY. FOR 120-277V. EM DRIVER BOX INCLUDED, INSTALLED REMOTELY. SEE EM GUIDE FOR DETAILS.					
WITH DV DIMMING OPTION (FOR 404X-10 & 404X-18) AN ADDITIONAL POWERCABLE WILL DROP FROM CEILING NEXT TO MAIN CABLE.					
EMB *	EMERGENCY BATTERY FOR REMOTE BOX				
* 3981EA ACCESSORY IS REQUIRED					
BEAM ANGLE	ANGLE DE FAISCEAU				
NA	NARROW (24°)				
ME	MEDIUM (45°)				
WI	WIDE (4049 ONLY)				
OPTICAL ACCESSORIES	ACCESSOIRES OPTIQUES				
CLR	CLEAR GLASS LENS				
FRO	FROSTED GLASS LENS				
HON	HONEYCOMB LOUVER				
SOL	SOLITE SOFTENING LENS				
STEM OR CABLE	TIGE OU CABLE				
S10*	3/8" (10MM) STEM, NOT FIELD ADJUSTABLE				
C	BLACK OR WHITE CABLE, FIELD ADJUSTABLE				
STEM OR CABLE LENGTH	LONGUEUR DE TIGE OU CABLE				
36	36" CABLE (STD LENGTH)				
60	60" CABLE (STD LENGTH)				
**	CUSTOM CABLE OR STEM LENGTH (PLEASE SPECIFY)				
FOR OVERALL LENGTH PLEASE CONTACT YOUR EUREKA REPRESENTATIVE					
MOUNTING	MONTAGE				
ROUND CANOPY / PAVILLON ROND					
RC1*	SCREWLESS 0.5" CANOPY (2471C)				
RC2	NLIGHT SCREWLESS CANOPY 07.75" X 1.30" (2474H)				
* 3983 ACCESSORY PROVIDED FOR 404X-6 WITH 2471C CANOPY					
CANOPY FINISH	FINI PAVILLON				
BLKE	BLACK FINE TEXTURE				
WHE	WHITE FINE TEXTURE				
MATCH*	COLOR MATCH WITH LUMINAIRE				
* LONGER LEAD TIME MAY APPLY, CONTACT YOUR EUREKA REPRESENTATIVE					
POWER CORD OR STEM FINISH	FINI CABLE D'ALIMENTATION OU TIGE				
BLK	BLACK POWER CORD				
WH	WHITE POWER CORD				
BLKE	BLACK STEM				
WHE	WHITE STEM				
MATCH*	COLOR MATCH STEM WITH LUMINAIRE				
* LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE					
TUBE FINISH	FINI TUBE				
BLKE	BLACK	CBE*	CHOCOLATE BROWN	NBE*	NAVY BLUE
WHE	WHITE	CPE*	CLAY PINK	SBE*	SAND BEIGE
CHM*	CHAMPAGNE METALLIC	DBE*	DYNAMIC BLUE	SGE*	SAGE GREY
SIM*	SILVER METALLIC	GGE*	GRASS GREEN	STE*	SUMMER TEAL
AYE*	APRICOT YELLOW	HGE*	HUNTER GREEN		
BRE*	BRICK RED	LNE*	LUNAR GREY		
* LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE					

BAFFLE FINISH		FINI DÉFLECTEUR			
BLKE	BLACK	CBE*	CHOCOLATE BROWN	NBE*	NAVY BLUE
WHE	WHITE	CPE*	CLAY PINK	SBE*	SAND BEIGE
CHM*	CHAMPAGNE METALLIC	DBE*	DYNAMIC BLUE	SGE*	SAGE GREY
SIM*	SILVER METALLIC	GGE*	GRASS GREEN	STE*	SUMMER TEAL
AYE*	APRICOT YELLOW	HGE*	HUNTER GREEN		
BRE*	BRICK RED	LNE*	LUNAR GREY		
* LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE					

ACCESSORY		ACCESSOIRE	
3983	DEEP JUNCTION BOX (PROVIDED FOR 4048-6 AND 4049-6 WITH CANOPY)		
ACCESSORY		ACCESSOIRE	
EMERGENCY BATTERY		BATTERIE D'URGENCE	
3981EA	ELECTRICAL BOX FOR EMB EMERGENCY BATTERY		

SCOUT 4048

QUICKSHIP

MAXIMUM 20 UNITS / MAXIMUM 20 UNITÉS

PROJECT PROJÉT

SPEC TYPE

NOTES



FINISH FINI



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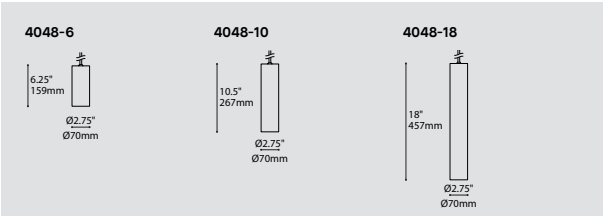
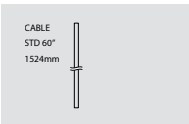
OVERALL HEIGHT HAUTEUR HORS TOUT

	LED 0.50" CANOPY
MOUNTING	2471C
CABLE & 4048-6	69.70"
CABLE & 4048-10	73.95"
CABLE & 4048-18	81.45"

MOUNTING OPTIONS OPTIONS DE MONTAGE



STEM OR CABLE OPTION OPTIONS DE TIGE OU CABLE



ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE		CODE
QUICKSHIP		QS
QS	QUICKSHIP	
MODEL MODÈLE		
4048-6	SCOUT 6"	
4048-10	SCOUT 10"	
4048-18	SCOUT 18"	
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	80+ CRI	
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		
BEAM ANGLE ANGLE DE FAISCEAU		
NA	NARROW (24°)	
ME	MEDIUM (45°)	
OPTICAL ACCESSORIES ACCESSOIRES OPTIQUES		
CLR	CLEAR GLASS LENS	
FRO	FROSTED GLASS LENS	
HON	HONEYCOMB LOUVER	
SOL	SOLITE SOFTENING LENS	
CABLE CABLE		C
C*	BLACK OR WHITE CABLE, FIELD ADJUSTABLE	
*FOR WHITE STRUCTURE: WHITE CABLE, FOR OTHER STRUCTURE FINISH: BLACK CABLE		
CABLE LENGTH LONGUEUR DE CABLE		
60	60" CABLE (STD LENGTH)	
**	CUSTOM CABLE LENGTH (PLEASE SPECIFY)	
FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE		
MOUNTING MONTAGE		RC
RC	ROUND CANOPY / PAVILLON ROND	
SCREWLESS 0.5" CANOPY (2471C)		
CANOPY FINISH FINI PAVILLON		
BLKE	BLACK FINE TEXTURE	
WHE	WHITE FINE TEXTURE	
STRUCTURE FINISH FINI STRUCTURE		
BLKE	BLACK FINE TEXTURE	
WHE	WHITE FINE TEXTURE	
BAFFLE FINISH FINI DÉFLECTEUR		
BLKE	BLACK FINE TEXTURE	
WHE	WHITE FINE TEXTURE	
ACCESSORY ACCESSOIRE		
3983	DEEP JUNCTION BOX (PROVIDED FOR 4048-6 WITH CANOPY)	

SCOUT 4049

QUICKSHIP

PROJECT PROJÉT

SPEC TYPE

NOTES



FINISH FINI

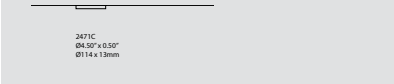


BLKE      WHE

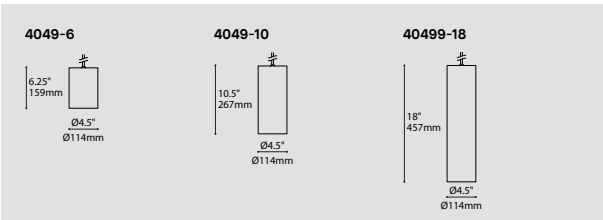
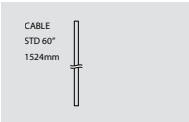
OVERALL HEIGHT HAUTEUR HORS TOUT

	LED 0.50" CANOPY
MOUNTING	2471C
CABLE & 4049-6	69.70"
CABLE & 4049-10	73.95"
CABLE & 4049-18	81.45"

MOUNTING OPTIONS OPTIONS DE MONTAGE



STEM OR CABLE OPTION OPTIONS DE TIGE OU CABLE



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		
4049-6	SCOUT 6"	
4049-10	SCOUT 10"	
4049-18	SCOUT 18"	
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	80+ CRI	
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		
BEAM ANGLE ANGLE DE FAISCEAU		
NA	NARROW (28°)	
ME	MEDIUM (48°)	
WI	WIDE (64°)	
OPTICAL ACCESSORIES ACCESSOIRES OPTIQUES		
CLR	CLEAR GLASS LENS	
FRO	FROSTED GLASS LENS	
HON	HONEYCOMB LOUVER	
SOL	SOLITE SOFTENING LENS	
CABLE CABLE		C
C*	BLACK OR WHITE CABLE, FIELD ADJUSTABLE	
*FOR WHITE STRUCTURE: WHITE CABLE, FOR OTHER STRUCTURE FINISH: BLACK CABLE		
CABLE LENGTH LONGUEUR DE CABLE		
60	60" CABLE (STD LENGTH)	
**	CUSTOM CABLE LENGTH (PLEASE SPECIFY)	
FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE		
MOUNTING MONTAGE		RC
RC	ROUND CANOPY / PAVILLON ROND	
SCREWLESS 0.5" CANOPY (2471C)		
CANOPY FINISH FINI PAVILLON		
BLKE	BLACK FINE TEXTURE	
WHE	WHITE FINE TEXTURE	
CYLINDER FINISH FINI CYLINDRE		
BLKE	BLACK FINE TEXTURE	
WHE	WHITE FINE TEXTURE	
BAFFLE FINISH FINI DÉFLECTEUR		
BLKE	BLACK FINE TEXTURE	
WHE	WHITE FINE TEXTURE	
ACCESSORY ACCESSOIRE		
3983	DEEP JUNCTION BOX (PROVIDED FOR 4049-6 WITH CANOPY)	

# SCOUT 404X FOR ARENA 82X0

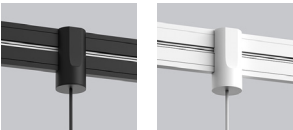
PROJECT PROJÉT

SPEC TYPE

NOTES



## ADAPTER FINISH FINI DE L'ADAPTATEUR

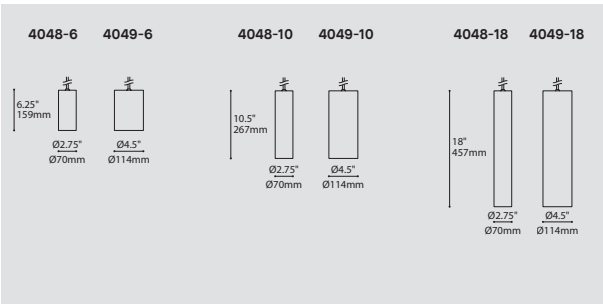


BLKE WHE

## SHADE FINISH FINI ABAT-JOUR



BLKE WHE LGE PGE NBE



ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE		CODE
MODEL MODÈLE		
4048-6	SCOUT 6" Ø2.75"	
4048-10	SCOUT 10" Ø2.75"	
4048-18	SCOUT 18" Ø2.75"	
4049-6	SCOUT 6" Ø4.5"	
4049-10	SCOUT 10" Ø4.5"	
4049-18	SCOUT 18" Ø4.5"	
LIGHT SOURCE SOURCE LUMINEUSE		LEDA
LEDA	SPECIAL OUTPUT FOR ARENA, 8W * TOTAL DC LOAD OF INSTALLED LIGHT SOURCES MUST NOT EXCEED 90W OR 180W DEPENDING ON THE SELECTED OPTION	
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 INDICE DE RENDU DE COULEUR (IRC)		
80	80+ CRI	
90*	90+ CRI	
*LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE		
BEAM ANGLE ANGLE DE FAISCEAU		
NA	NARROW (24°)	
ME	MEDIUM (45°)	
OPTICAL ACCESSORIES ACCESSOIRES OPTIQUES		
CLR	CLEAR GLASS LENS	
FRO	FROSTED GLASS LENS	
HON	HONEYCOMB LOUVER	
SOL	SOLITE SOFTENING LENS	
CABLE CÂBLE		C
C	BLACK OR WHITE CABLE, FIELD ADJUSTABLE	
CABLE LENGTH LONGUEUR DE CÂBLE		
24	24" CABLE (STD LENGTH)	
**	CUSTOM CABLE LENGTH (PLEASE SPECIFY)	
MOUNTING MONTAGE		
TAA	ARENA ADAPTOR FOR ARENA SQUARE & RECTANGLE 8220 & ARENA STRAIGHT 8210	
TAB	ARENA ADAPTOR FOR ARENA RING 8200	
ADAPTER FINISH FINI ADAPTATEUR		
BLKE	BLACK FINE TEXTURED	
WHE	WHITE FINE TEXTURED	
POWER CORD FINISH FINI ADAPTATEUR		
BLK	BLACK POWER CORD	
WH	WHITE POWER CORD	
CYLINDER FINISH FINI CYLINDRE		
BLKE	BLACK FINE TEXTURED	
WHE	WHITE FINE TEXTURED	
LGE	LIGHT GREY FINE TEXTURED	
PGE	PALE GREEN FINE TEXTURED	
NBE	NAVY BLUE FINE TEXTURED	
RAL*	PLEASE SPECIFY RAL CODE *LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE	
BAFFLE FINISH FINI DÉFLECTEUR		
BLKE	BLACK FINE TEXTURED	
WHE	WHITE FINE TEXTURED	

## PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT



DESIGN:	Scout is the simplest of cylinders. The exterior is clean with no visible seams or hardware. Inside, a wealth of technology remains hidden. Machined aluminum tube offered with textured finish. Scout can be specified with 2 baffle finishes.
INSTALLATION:	Magnetically positioned anywhere on the ARENA for easy on-site installation or reconfiguration of the lighting environment. The adapter has a hook for extra safety.
LIGHT SOURCE:	High performance LED module mounted on an extruded aluminum heatsink. Designed with narrow or medium beam angle, to meet all applications. Optical choice of clear, frosted or honeycomb lenses available.
ADAPATER:	Custom designed aluminum base offered in white or black architectural grade finish.
CERTIFIED:	c-CSA-us

SCOUT - FINISH OPTIONS / OPTIONS DE FINIS Standard



**BLKE**  
Black Textured



**WHE**  
White Textured

**Metallic**



**CHM**  
Champagne



**SIM**  
Silver

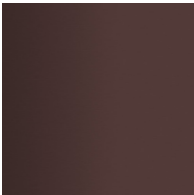
**Premium**



**AYE**  
Apricot  
Yellow  
Textured



**BRE**  
Brick Red  
Textured



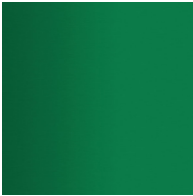
**CBE**  
Chocolate  
Brown  
Textured



**CPE**  
Clay Pink  
Textured



**DBE**  
Dynamic Blue  
Textured



**GGE**  
Grass Green  
Textured



**HGE**  
Hunter Green  
Textured



**LNE**  
Lunar Gray  
Textured



**NBE**  
Navy Blue  
Textured



**SBE**  
Sand Beige  
Textured

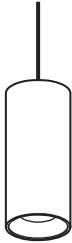


**SGE**  
Sage Gray  
Textured



**STE**  
Summer Teal  
Textured

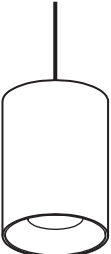
4048-6



6,25"  
159mm

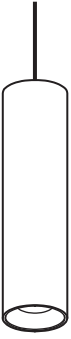
Ø2,75"  
Ø70mm

4049-6



Ø4,5"  
Ø114mm

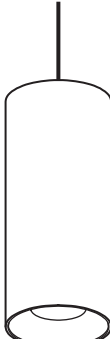
4048-10



10,5"  
267mm


Ø2,75"  
Ø70mm

4049-10



Ø4,5"  
Ø114mm


4048-18



18"  
457mm

Ø2,75"  
Ø70mm

4049-18



Ø4,5"  
Ø114mm

3 MOUNTING OPTIONS

Pendant version designed with a single black or white cable or stem, easy to install and adjust on site. Thin and discreet magnetic canopy. Also available as ceiling and wall mount.

6 FORMATS

Machined aluminium cylindrical structure.

2 DIMMING TYPE

Standard phase dimming (DP) or 0-10V dimming (DV). Integrated LED driver (404x-10 et 404x-18). Deep junction box (3983) included (404x-6).

2 OUTPUTS & 3 CCT

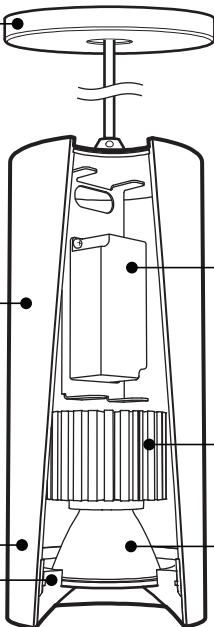
Extruded aluminium heatsink designed to efficiently offer regular and high output.

16 CYLINDER AND BAFFLE FINISHES

Many options offered in fine textured or metallic finish to fit your needs.

REFLECTORS & 3 OPTICAL ACCESSORIES

Narrow, medium or wide (xx49 only) beam angle reflector. Choice of optical accessories : clear lens, frosted lens or honeycomb louver.

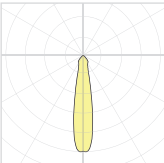


PRODUCT SPECIFICATION	XX48-NA		XX48-ME		XX49-NA		XX49-ME		XX49-WI	
PERFORMANCE	REG	HO	REG	HO	REG	HO	REG	HO	REG	HO
SYSTEM WATTAGE	9.5W	13.6W	9.5W	13.6W	13.7W	20W	13.7W	20W	13.7W	20W
DELIVERED LUMENS (4000K)	1051 LM	1425 LM	1051 LM	1425 LM	1394 LM	1907 LM	1509 LM	2070 LM	1472 LM	2021LM
EFFICACY	110.6LM/W	104.7LM/W	110.6LM/W	104.7LM/W	101.7LM/W	95.4LM/W	110.1M/W	103.5LM/W	107.4M/W	101LM/W
OTHER INFORMATIONS										
BEAM ANGLE	24°		45°		28°		48°		64°	
LUMINAIRE'S WEIGHT	1.44KG / 1.63KG / 1.96KG 3.16LBS/ 3.58LBS/ 4.32LBS		1.44KG / 1.63KG / 1.96KG 3.16LBS/ 3.58LBS/ 4.32LBS		1.87KG / 2.24KG / 2.75KG 4.12LBS/ 4.92LBS/ 6.05LBS		1.87KG / 2.24KG / 2.75KG 4.12LBS/ 4.92LBS/ 6.05LBS		1.87KG / 2.24KG / 2.75KG 4.12LBS/ 4.92LBS/ 6.05LBS	
L70 (LUMEN MAINTENANCE)	> 63 600 HRS		> 63 600 HRS		> 63 600 HRS		> 63 600 HRS		> 63 600 HRS	

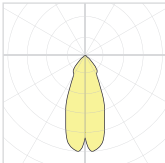
EFFICACY MULTIPLIERS

CRI	CCT	FACTOR
80+	4000K	1.0
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

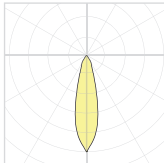
LIGHT DISTRIBUTION



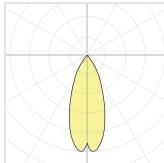
XX48 NARROW



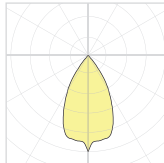
XX48 MEDIUM






XX49 NARROW




XX49 MEDIUM



XX49 WIDE



Visit our website for warranty terms and conditions.



TECHNICAL DATA

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V1.2 — 2025.05

4048-6

6,25"

159mm

Ø2,75"

Ø70mm

4049-6

Ø4,5"

Ø114mm

4048-10

10,5"

267mm

Ø2,75"

Ø70mm

4049-10

Ø4,5"

Ø114mm

4048-18

18"

457mm

Ø2,75"

Ø70mm

4049-18

Ø4,5"

Ø114mm

3 OPTIONS DE MONTAGE

Suspension sur câble d'alimentation ou tige noir ou blanc, facile à installer et ajuster sur le site. Pavillon magnétique mince et discret. Aussi disponible en version plafonnier et murale.

6 FORMATS

Structure cylindrique en aluminium usiné.

2 TYPES DE GRADATION

Gradation de type phase (DP) ou 0-10V (DV). Unité d'alimentation intégrée (modèles 404x-10 et 404x-18). Boîte de jonction octogonale profonde 3983 incluse (modèle 404x-6).

2 PUISSANCES & 3 TEMPÉRATURES DE COULEUR

Dissipateur thermique extrudé en aluminium efficace permettant d'offrir deux puissances différentes.

16 FINIS DE CYLINDRE ET DÉFLECTEUR

Plusieurs options de finition architecturale finement texturée ou métallique pour tous vos besoins.

RÉFLECTEURS & 3 ACCESSOIRES OPTIQUES

Réflecteurs offrant un faisceau lumineux étroit, moyen ou large (xx49 seulement). Choix d'accessoires optiques : lentille claire, lentille givrée ou grille en nid d'abeille.

SPECIFICATION PRODUIT	XX48-NA		XX48-ME		XX49-NA		XX49-ME		XX49-WI	
PERFORMANCE	REG	HO	REG	HO	REG	HO	REG	HO	REG	HO
PUISSANCE TOTALE	9.5W	13.6W	9.5W	13.6W	13.7W	20W	13.7W	20W	13.7W	20W
LUMENS RÉELS (4000K)	1051 LM	1425 LM	1051 LM	1425 LM	1394 LM	1907 LM	1509 LM	2070 LM	1472 LM	2021 LM
EFFICACITÉ	110.6LM/W	104.7LM/W	110.6LM/W	104.7LM/W	101.7LM/W	95.4LM/W	110.1M/W	103.5LM/W	107.4M/W	101LM/W
AUTRES INFORMATIONS										
ANGLE DE RAYONNEMENT	24°		45°		28°		48°		64°	
POIDS DU LUMINAIRE	1.44KG / 1.63KG / 1.96KG		1.44KG / 1.63KG / 1.96KG		1.87KG / 2.24KG / 2.75KG		1.87KG / 2.24KG / 2.75KG		1.87KG / 2.24KG / 2.75KG	
L70 (MAINTENANCE DE LA LUMIÈRE)	3.16LBS/ 3.58LBS/ 4.32LBS		3.16LBS/ 3.58LBS/ 4.32LBS		4.12LBS/ 4.92LBS/ 6.05LBS		4.12LBS/ 4.92LBS/ 6.05LBS		4.12LBS/ 4.92LBS/ 6.05LBS	
	> 63 600 H		> 63 600 H		> 63 600 H		> 63 600 H		> 63 600 H	

FACTEUR D'EFFICACITÉ

IRC	CCT	FACTEUR
80+	4000K	1.0
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

XX48 ÉTROIT

XX48 MOYEN

XX49 ÉTROIT

XX49 MOYEN

XX49 LARGE

5

ans de garantie

Visitez notre site Web pour les termes et conditions.

DONNÉES TECHNIQUES

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V1.2 — 2025.05



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:

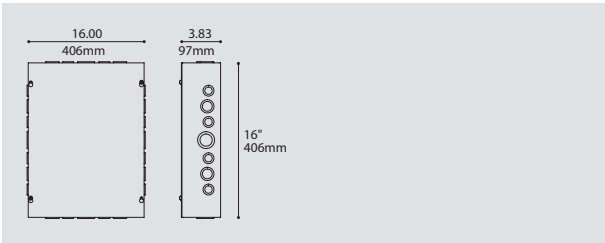
Die-stamped 16 gauge grey painted steel. Knockouts on all 4 sides from 1/2" to 1-1/4".
- CERTIFIED:

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:

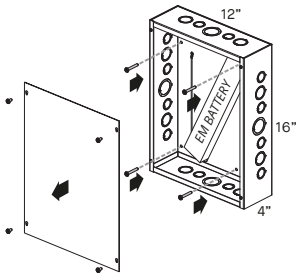
Acier plié de 16 jauge peinturé gris avec coins soudés. Débouchures sur 4 côtés 1/2" à 1-1/4".
- CERTIFIÉ:

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



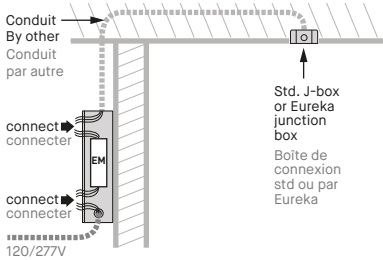
INSTALLATION SUMMARY SOMMAIRE D'INSTALLATION

STEP 1 ÉTAPE 1



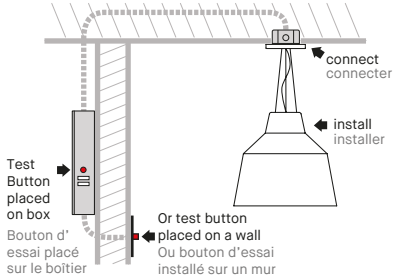
Remove cover and fasten box remotely to a wall or a ceiling.  
Enlever le couvercle et fixer la boîte à distance sur un mur ou un plafond.

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.

# 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.

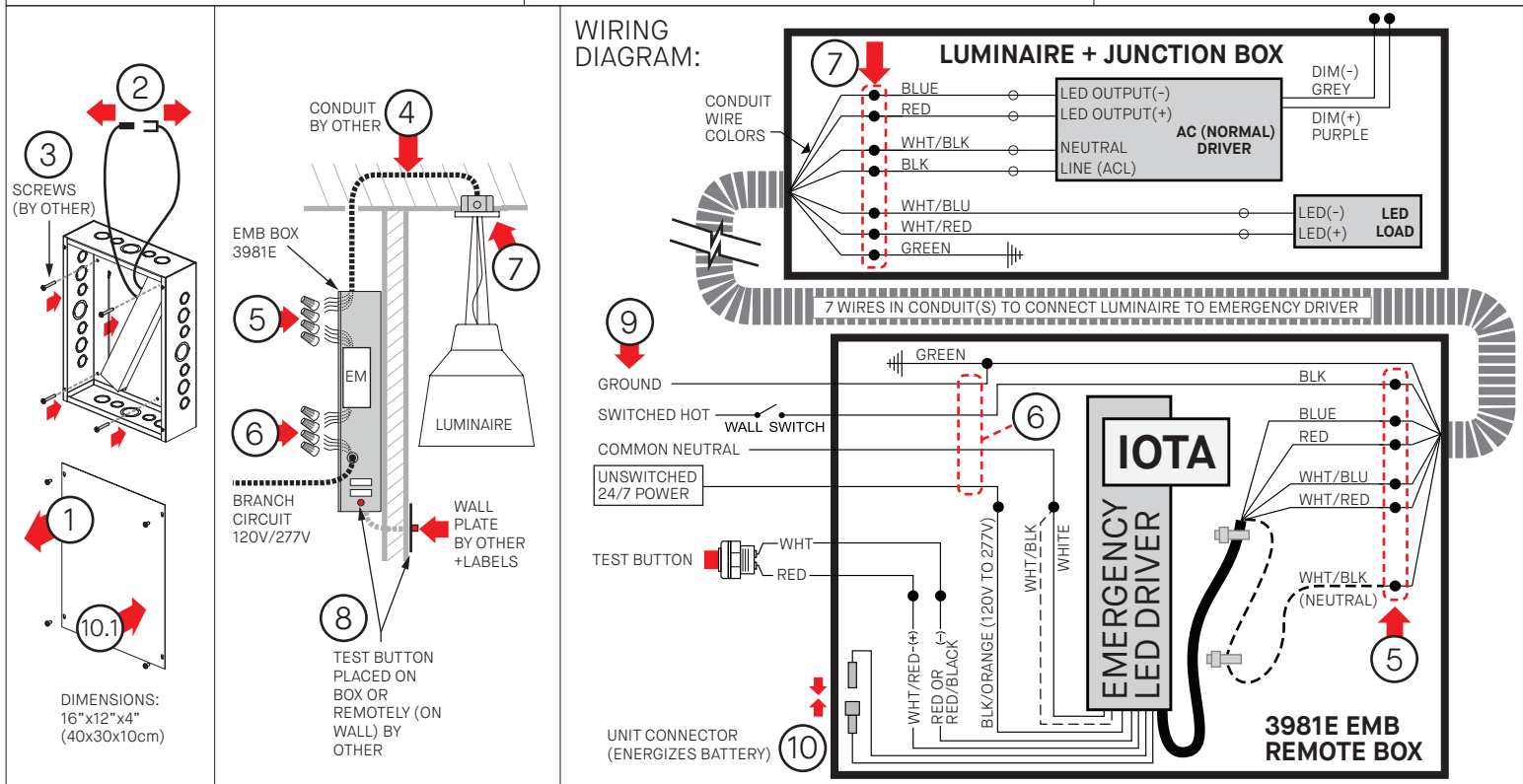
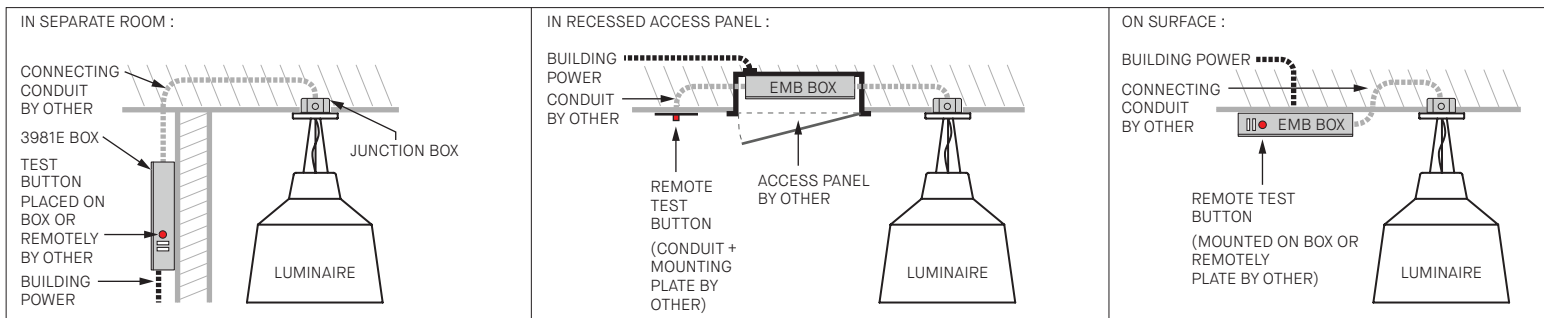
## EMB LOCATION :

- > 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 :



## 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.



## INSTALLATION

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

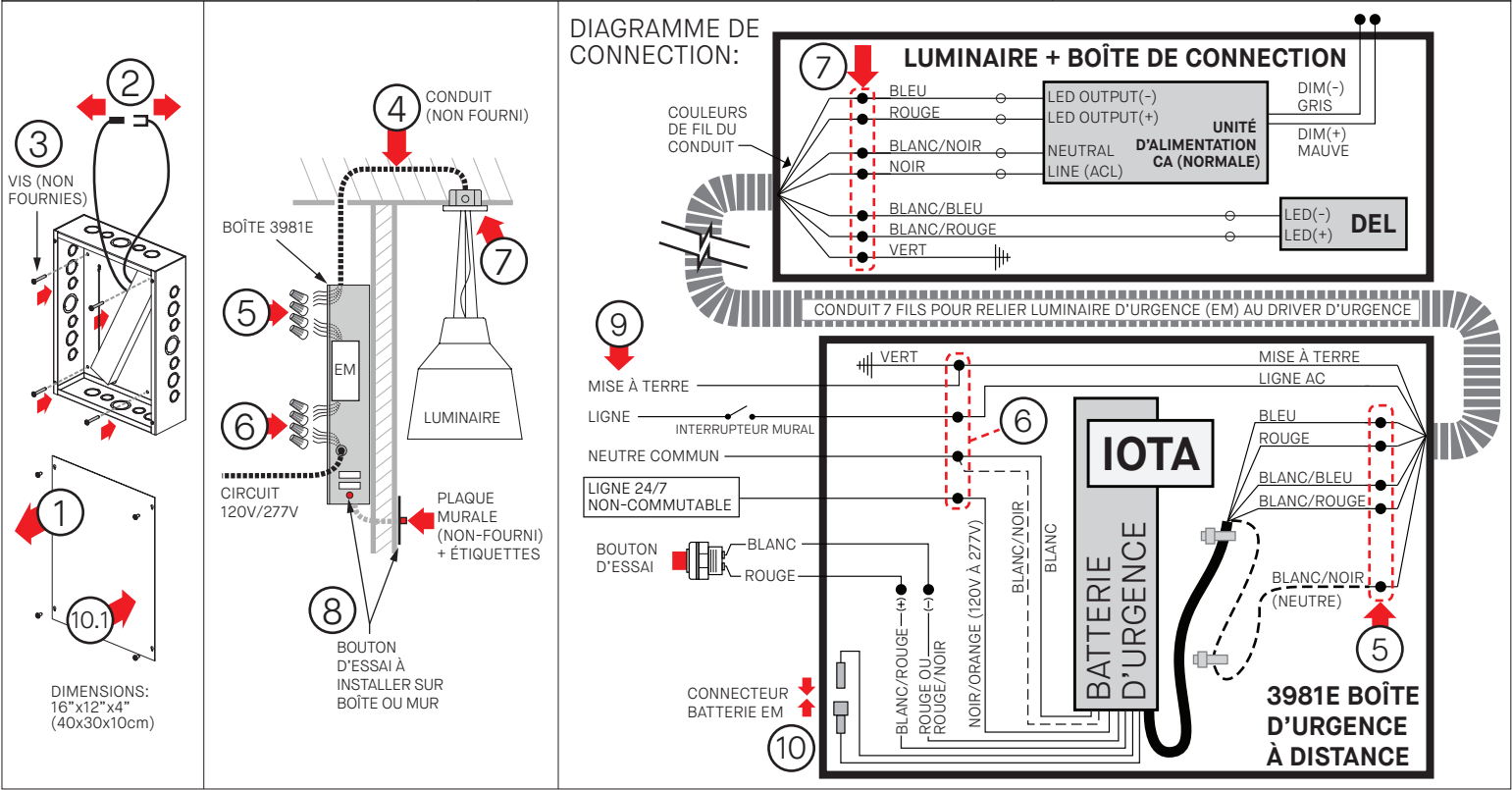
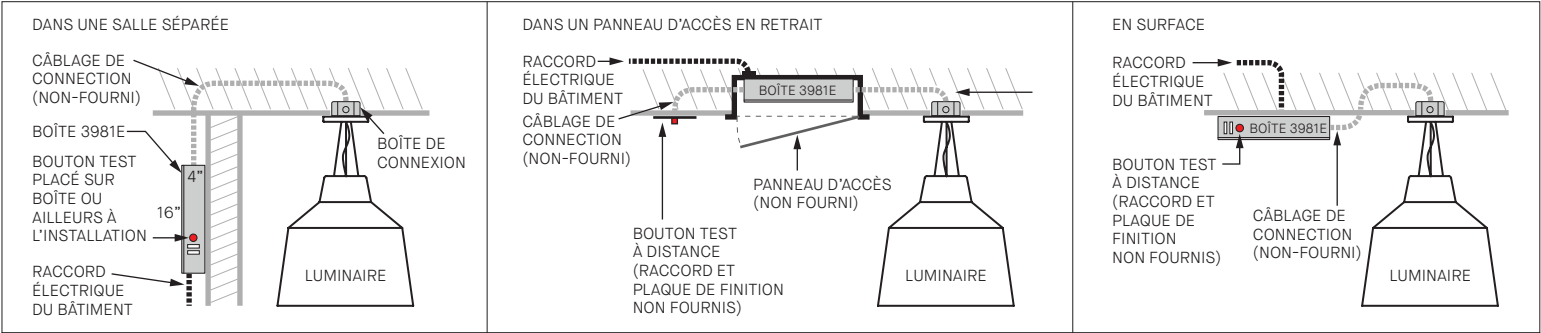
## DIRECTIVES DE SÉCURITÉ:

- > 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

- 1 - DÉVISSER LE COUVERCLE.
- 2 - DÉCONNECTER LE CONNECTEUR BLANC DE BATTERIE EM (UNIT CONNECTOR).
- 3 - FIXER LA BOÎTE SUR LE MUR/PALFOND AVEC VIS (NON FOURNIES)
- 4 - PASSER DU CONDUIT DU EMB VERS LA BOÎTE DE CONNEXION ÉLECTRIQUE DE LUMINAIRE. LE CONDUIT DOIT AVOIR 7 FILS AVEC GAUGE DE FIL SELON CHARTRE 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 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	350mA	596'	372'	236'	148'	93'	59'	37'
DU LUMINAIRE*	500mA	417'	261'	165'	104'	65'	41'	26'
(Amp)	700mA	298'	186'	118'	74'	47'	29'	18'
*Contacter Eureka	1000mA	209'	130'	83'	52'	33'	21'	13'
	1400mA	149'	93'	59'	37'	23'	15'	9'
	2000mA	104'	65'	41'	26'	16'	10'	6'
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