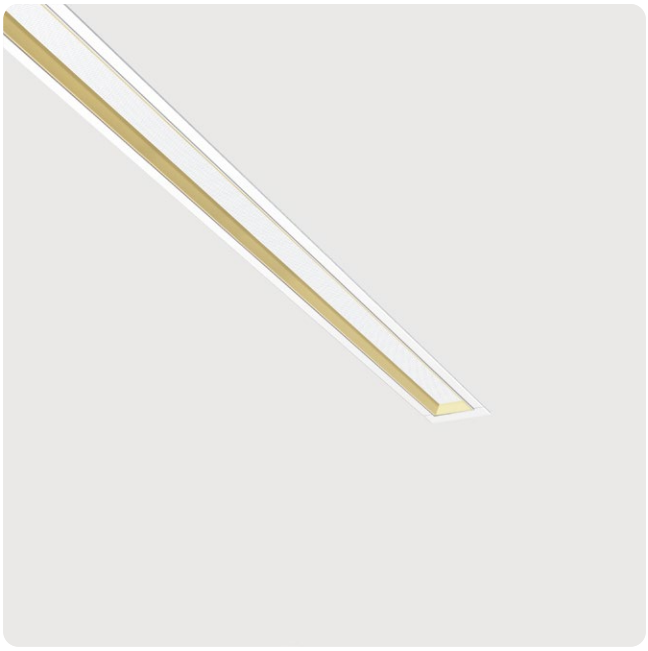
lightnet

Matric Déco F9 | Recessed Frame



Housing:
Extruded Aluminum. Recessed mounted LED luminaire for installation in ceiling cut-outs openings. Direct only light distribution. Bespoke lengths possible. Fully enclosed and damp rated.

Optical System:
Direct light using precision lenses with louver for wide uniform symmetrical light distribution with high glare limitation (UGR<19) especially for workplaces. Microprismatic screen made of special acrylic glass with optimized glare reduction especially for workplaces. Satin opal diffuser for general lighting with maximum transmittance and homogeneous lighting. Recessed screen with optimized glare reduction and decorative lighting impact.

Surface Finish:
Outer frame and decorative trim available in various finishes and combinations, e.g. white, silver, graphite, black, gold or copper coated. For further surface options see Lightnet-Surface-Collection. RAL or PANTONE of your choice.

Control:
Integral electronic driver dimmable 0-10V. Minimum dimming level 1%. Field replaceable. On request: DALI, DMX, Lutron, Casambi.

LED:
Available color temperatures: 2200K, 2700K, 3000K, 3500K, 4000K, 6500K, or Tunable White. All color temperatures available in CRI>80 or CRI>90. Optionally FULL SPECTRUM-LEDS for highest Fidelity Levels (Tm30). Tolerance within a 3-step MacAdam ellipse. Up to 110lm/W efficacy. Choice of different lumen output levels: Low, Medium, or High Power. Custom lumen output upon request. Lifetime minimum 50,000h with 85% of lumen maintenance.

Certification & Warranty:
cETLus. 5 Years Warranty.

Order Guide

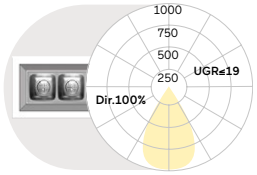
1L F9 L W E - 8 30 E - L1224 - B

Product Family	**1L**: Matric
Type	**F9**: Direct only
Optical System	**A**: Microprismatic, **O**: Opal Diffuser, **L**: Lens Louvre
Surface Finish	**W**: Snow White, **V**: Ivory White, **A**: Satin Silver, **E**: Silver Anodized,
	U: Urban Graphite, **B**: Jet Black, **H**: Anodic Champagne, **K**: Satin Copper
Control Gear	**E**: On/Off, **D**: 0-10V
Color Rendering	**8**: CRI>80, **9**: CRI>90, **F**: Full Spectrum [except 2200K]
Color Temperature	**22**: 2200K, **27**: 2700K, **30**: 3000K, **35**: 3500K, **40**: 4000K, **65**: 6500K, **TW**: Tunable White 2700-6500K [L1198-L2075]
Power	**E**: Low Power, **M**: Medium Power, **H**: High Power
Size	Luminaire Lenght in mm (Microprismatic, Opal Diffuser): **L905** (35.625"),
	L1198 (47.125"), **L1490** (58.625"), **L1780** (70.125"), **L2075** (79.375")
	Luminaire Lenght in mm (Lens Louvre): **L1224** (48.25"), **L1489** (58.625"), **L1753** (69"), **L2017** (79.375")
Reflector Color	**W**: Snow White, **V**: Ivory White, **S**: Radiant Silver, **U**: Urban Graphite, **B**: Jet Black, **H**: Anodic Champagne, **K**: Satin Copper, **G**: Satin Gold
On Request	DALI, DMX, Lutron System, Casambi

IP20 ~120-277V 50-60 Hz IK 02 RG0 ≤3 MacAdam L85/50000h CE ETL

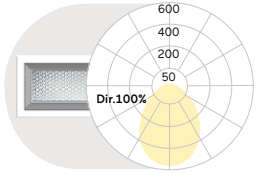
Light Performance

Lens Louvre | Direct



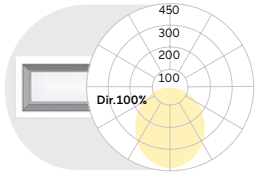
L inch	Lumen/Watt Low Power	Lumen/Watt High Power
48.25"	1960lm/16W	3590lm/30W
58.625"	2390lm/19W	4390lm/37W
69"	2830lm/23W	5190lm/43W
79.375"	3260lm/26W	5990lm/49W
per feet	500lm/3.8W	920lm/7.3W

Microprismatic | Direct



L inch	Lumen/Watt Low Power	Lumen/Watt High Power
35.625"	830lm/10W	1490lm/16W
47.125"	1110lm/12W	1990lm/21W
58.625"	1390lm/14W	2480lm/25W
70.125"	1660lm/17W	2980lm/30W
79.375"	1940lm/22W	3480lm/37W
per feet	290lm/2.9W	520lm/5.2W

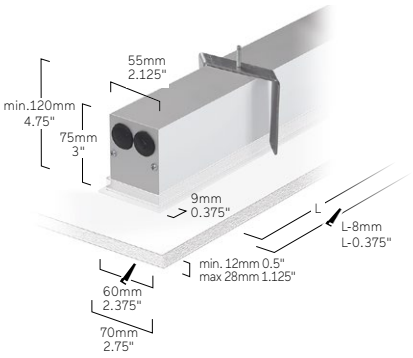
Opal Diffuser | Direct



L inch	Lumen/Watt Medium Power	Lumen/Watt High Power
35.625"	1170lm/12W	1590lm/16W
47.125"	1560lm/15W	2110lm/21W
58.625"	1950lm/19W	2640lm/25W
70.125"	2330lm/22W	3170lm/30W
79.375"	2720lm/28W	3700lm/37W
per feet	400lm/3.8W	550lm/5.2W

Lumen Values: Luminarie luminous flux at 4000K/CRI>80. Other configurations on request.

Dimensions



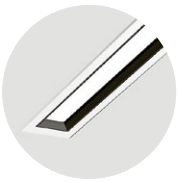
Surfaces



W Snow White
W Snow White



W Snow White
A Satin Silver



W Snow White
B Jet Black



W Snow White
G Satin Gold



W Snow White
K Satin Copper



W Snow White
H Anodic Champagne



RAL on demand



W Snow White
A Satin Silver



A Satin Silver
W Snow White



B Jet Black
G Satin Gold



B Jet Black
B Jet Black



G Satin Gold
G Satin Gold

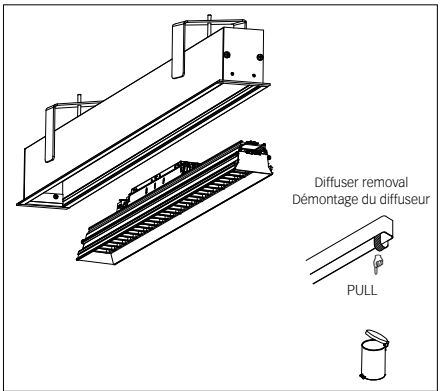


K Satin Copper
K Satin Copper

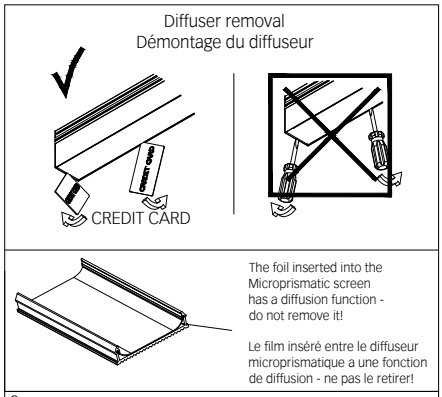
lightnet

Matric Déco F9 | Recessed Frame

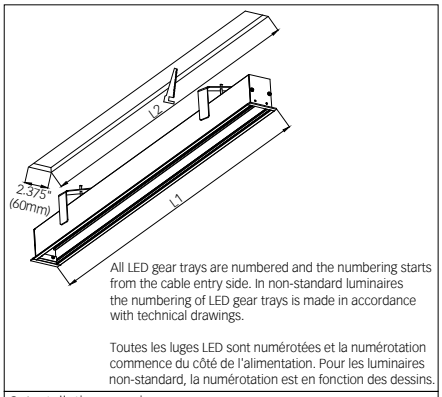
1. MOUNTING AND INSTALLATION | MONTAGE ET INSTALLATION:



1. Use gloves when handling the fixture.
Merci de porter des gants durant la totalité de l'installation.



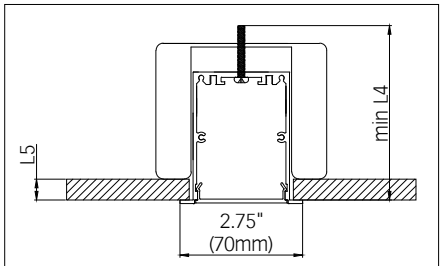
2.



3. Installation openings.
Perçage pour l'installation

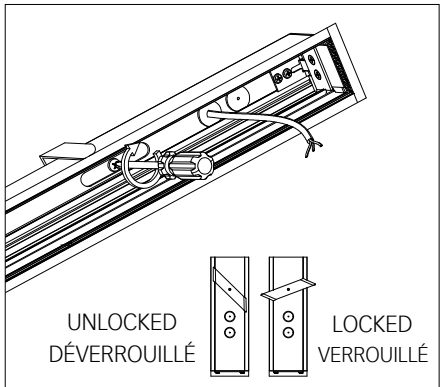
Opal / Microprismatic		Lens Louvre	
L1 [inch] ([mm])	L2 [inch] ([mm])	L1 [inch] ([mm])	L2 [inch] ([mm])
36.625" (905)	35.375" (897)	48.25" (1224)	47.875" (1216)
47.125" (1198)	46.875" (1190)	58.625" (1489)	58.25" (1481)
58.625" (1490)	58.375" (1482)	69" (1753)	68.75" (1745)
70.125" (1780)	69.75" (1772)	79.375" (2017)	79.125" (2009)
81.75" (2075)	81.375" (2067)		

4.



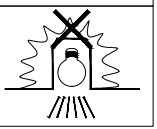
L4 [inch] ([mm])	L5 [inch] ([mm])
4.75" (120)	0.5 - 1.125" (12-28)

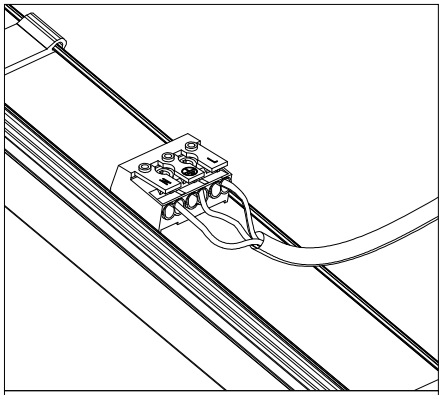
5.



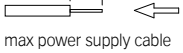
6. Luminaire not suitable for covering with thermally insulating material.

Le luminaire ne peut être recouvert d'un matériel thermiquement isolant.

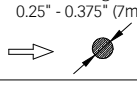




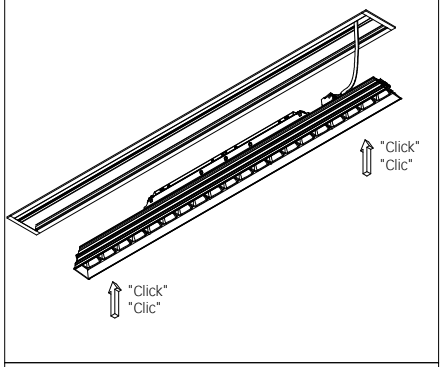
7.



max power supply cable
max câble d'alimentation
0.06" (1,5mm^2)

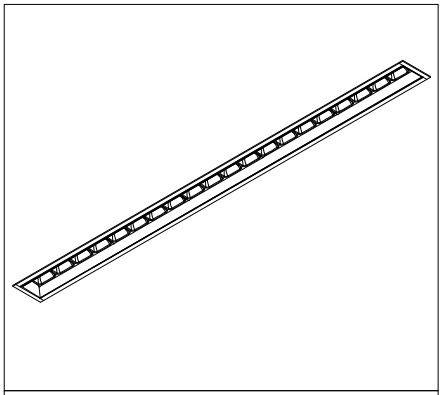


min/max stripped wire length
min/max longueur du fil dénud
0.25" - 0.375" (7mm-10mm)



8. Maximum current load allowed for through-wiring is 13A.
Non-user replaceable light source.

La charge de courant maximale autorisée pour le branchement en série est 13A. Source lumineuse non remplaçable par l'utilisateur



9.

WARNING: RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.
IMPORTANT: EXACT DIMENSIONS IN MM!

ATTENTION: RISQUE D'INCENDIE ET D'ÉLECTROCUTION. LE LUMINAIRE DOIT ÊTRE INSTALLÉ PAR UN ÉLECTRICIEN QUALIFIÉ, CONFORMÉMENT AUX NORMES NATIONALES EN VIGUEUR, CODES DE CONSTRUCTION ET D'ÉLECTRICITÉ LOCAUX. DÉBRANCHEZ L'ALIMENTATION AU PANNEAU ÉLECTRIQUE AVANT DE PROCÉDER À L'ENTRETIEN.
IMPORTANT: LES DIMENSIONS EXACTES SONT EN MM!