



LED Linear High Bay

High Efficiency Series

ASD Linear High Bays (rectangular warehouse fixtures) are the best replacement for fluorescent and metal halide warehouse fixtures.

Our LED High Bay fixtures are maintenance free and meet the harsh performance standards of commercial and industrial environments with high quality, high efficiency and high lumen output to save you money. They are UL and DLC listed.



FEATURES AND BENEFITS:

- ▶ High efficiency – 130 lm/Watt
- ▶ Available in 90 W, 140 W and 180 W
- ▶ 4000 K & 5000 K available
- ▶ Low energy consumption
- ▶ Resistant to high and low temperatures
- ▶ Suspended luminaire
- ▶ cULus certified
- ▶ DesignLights™ Consortium (DLC) listed
- ▶ LED lifetime >100,000 hrs
- ▶ 5-year limited warranty
- ▶ Optional motion sensor, lens and wire guard available



ORDERING MATRIX:

Family	Size	Dimmable 0~10 V	Watts	CCT	Luminous Efficiency	Included sensor
ASD-WHB	4	D	XX	XX	HE	MS
Warehouse linear high bay	4 ft	Dimmable	90 = 90 W	40 = 4000 K	High efficiency	PIR motion sensor
			140 = 140 W	50 = 5000 K		
			180 = 180 W			



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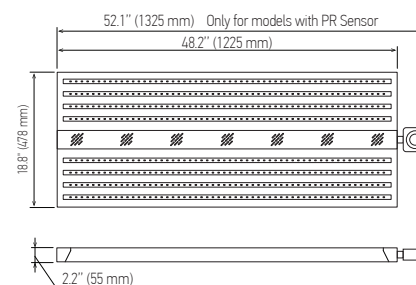
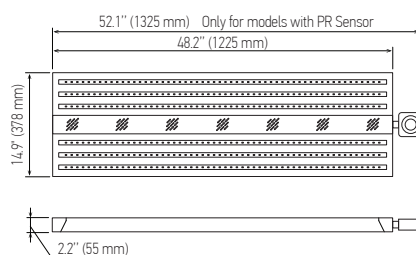
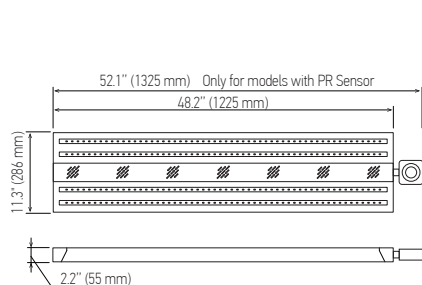
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LED LINEAR HIGH BAY FIXTURE:

Model	Size	Watts	Dimming	CCT	Lumens	Dimensions (LxWxH)
ASD-WHB-4D9040HE	4 ft	90 W	yes	4000 K	11 970 lm	48.2" x 11.26" x 2.2"
ASD-WHB-4D9050HE	4 ft	90 W	yes	5000 K	11 970 lm	48.2" x 11.26" x 2.2"
ASD-WHB-4D14040HE	4 ft	140 W	yes	4000 K	18 060 lm	48.2" x 14.88" x 2.2"
ASD-WHB-4D14050HE	4 ft	140 W	yes	5000 K	18 060 lm	48.2" x 14.88" x 2.2"
ASD-WHB-4D18040HE	4 ft	180 W	yes	4000 K	23 940 lm	48.2" x 18.8" x 2.2"
ASD-WHB-4D18050HE	4 ft	180 W	yes	5000 K	23 940 lm	48.2" x 18.8" x 2.2"
ASD-WHB-4D9050HE-MS	4 ft	90 W	yes	5000 K	11 970 lm	52.1" x 11.3" x 2.2"
ASD-WHB-4D14050HE-MS	4 ft	140 W	yes	5000 K	18 060 lm	52.1" x 14.9" x 2.2"
ASD-WHB-4D18050HE-MS	4 ft	180 W	yes	5000 K	23 940 lm	52.1" x 19.2" x 2.2"

PRODUCT SPECIFICATIONS:

Construction & Materials			
Weight	ASD-WHB-4D9040HE ASD-WHB-4D9050HE	ASD-WHB-4D14040HE ASD-WHB-4D14050HE	ASD-WHB-4D18040HE ASD-WHB-4D18050HE
	11.7 lb (5.3 kg)	12.6 lb (5.7 kg)	13.8 lb (6.3 kg)
	ASD-WHB-4D9050HE-MS	ASD-WHB-4D14050HE-MS	ASD-WHB-4D18050HE-MS
	12 lb (5.5 kg)	12.9 lb (5.9 kg)	14.1 lb (6.4 kg)
Housing	Iron		
Reflector	Aluminum		
Finish Color	White		
Environmental System			
Work Environment	Suitable for Dry locations		
Operating Temperature	-4~131°F (-20~55°C)		
LED lifetime	>100,000 hrs		





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Optical System			
Luminous Flux	ASD-WHB-4D9040HE 12 256 lm	ASD-WHB-4D14040HE 18 798 lm	ASD-WHB-4D18040HE 24 118 lm
	ASD-WHB-4D9050HE 12 527 lm	ASD-WHB-4D14050HE 18 944 lm	ASD-WHB-4D18050HE 24 587 lm
	ASD-WHB-4D9050HE-MS 12 527 lm	ASD-WHB-4D14050HE-MS 18 944 lm	ASD-WHB-4D18050HE-MS 24 587 lm
Luminous Efficiency	133 lm/w	129 lm/w	133 lm/w
Color Temperature	4000 K, 5000 K		
CRI	80		
Electrical System			
Input Voltage	100~277VAC 50/60 Hz		
Off State Power	0 W		
Power Consumption	ASD-WHB-4D9040HE ASD-WHB-4D9050HE ASD-WHB-4D9050HE-MS	ASD-WHB-4D14040HE ASD-WHB-4D14050HE ASD-WHB-4D14050HE-MS	ASD-WHB-4D18040HE ASD-WHB-4D18050HE ASD-WHB-4D18050HE-MS
	90 W	140 W	180 W
Power Factor	≥ 0.9		
THD	< 20%		
Output voltage	40-55 V	30-42 V	40-55 V
Max current	1700 mA	1500 mA	1700 mA
PIR motion sensor			
Input Voltage	100~277VAC 50/60 Hz		
Daylight threshold	15 ± 5 lux		
Detection range	6 ± 2m / 19.7 ± 6.3ft (77°F/25°C)		
Detection rangle	145°		
Time period	30~45 sec		
Operating Temperature	-4~131°F (-20~55°C)		

Regulatory & Voluntary Qualifications
5-year limited warranty
DesignLights™ Consortium (DLC) listed
cULus certified E473804 – luminaire E473855 – driver

Dimming Compatible Controls

MFG	Model Number
Lutron	NFTV
Leviton	IPL710 DLZ
Leviton	IPL710 DL
Cooper	SF10P



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LED LINEAR HIGH-BAY FIXTURE ORDERING INFORMATION:

Model	Size	Watts	CCT	GTIN 12	GTIN 14	Product Code	Pcs in one Carton	Carton Size	Carton Weight
ASD-WHB-4D9040HE	4 ft	90 W	4000 K	859961005759	10859961005756	023.0401	1	48.4"x11.8"x2.4"	13.7 lbs
ASD-WHB-4D9050HE	4 ft	90 W	5000 K	859961005766	10859961005763	023.0402	1	48.4"x11.8"x2.4"	13.7 lbs
ASD-WHB-4D14040HE	4 ft	140 W	4000 K	859961005773	10859961005770	023.0403	1	48.4"x15.2"x2.4"	15 lbs
ASD-WHB-4D14050HE	4 ft	140 W	5000 K	859961005780	10859961005787	023.0404	1	48.4"x15.2"x2.4"	15 lbs
ASD-WHB-4D18040HE	4 ft	180 W	4000 K	859961005797	10859961005794	023.0405	1	48.4"x19.5"x2.4"	16.7 lbs
ASD-WHB-4D18050HE	4 ft	180 W	5000 K	859961005803	10859961005800	023.0406	1	48.4"x19.5"x2.4"	16.7 lbs
ASD-WHB-4D9050HE-MS	4 ft	90 W	5000 K	855029006447	10855029006444	023.0407	1	52.7"x11.8"x2.6"	14 lbs
ASD-WHB-4D14050HE-MS	4 ft	140 W	5000 K	855029006454	10855029006451	023.0408	1	52.7"x15.4"x2.6"	15.8 lbs
ASD-WHB-4D18050HE-MS	4 ft	180 W	5000 K	855029006461	10855029006468	023.0416	1	52.7"x19.7"x2.6"	17.6 lbs

LENS

Ordering information:

Model	GTIN 12	GTIN 14	Product Code
ASD-LWHB90	859961005933	10859961005930	023.0410
ASD-LWHB140	859961005940	10859961005947	023.0411
ASD-LWHB180	859961005957	10859961005954	023.0412

Model	Materials	Weight	Dimensions	Pcs in one Carton	Carton Size	Carton Weight
ASD-LWHB90	PS prismatic cover and iron frame	2.948 lbs (1.34 kg)	48.2"x11.61"x0.78"	10	49"x12.4"x14.36"	40.46 lbs
ASD-LWHB140		2.948 lbs (1.34 kg)	48.2"x11.61"x0.78"	10	49"x15.94"x14.36"	47.15 lbs
ASD-LWHB180		3.828 lbs (1.74 kg)	48.2"x19.41"x0.78"	10	49"x20.27"x14.36"	54.78 lbs

WIRE GUARD

Ordering information:

Model	GTIN 12	GTIN 14	Product Code
ASD-GWHB90	855029006263	10855029006260	023.0413
ASD-GWHB140	855029006270	10855029006277	023.0414
ASD-GWHB180	855029006287	10855029006284	023.0415

Model	Materials	Weight	Dimensions	Pcs in one Carton	Carton Size	Carton Weight
ASD-LWHB90	Steel wire and metal clips	0.858 lbs (0.39 kg)	48.2"x11.37"x0.98"	10	49"x12.59"x11.6"	19.51 lbs
ASD-LWHB140		1.1 lbs (0.5 kg)	48.2"x14.92"x0.98"	10	49"x16.14"x11.6"	24.75 lbs
ASD-LWHB180		1.342 lbs (0.61 kg)	48.2"x19.25"x0.98"	10	49"x20.46"x11.6"	30.18 lbs

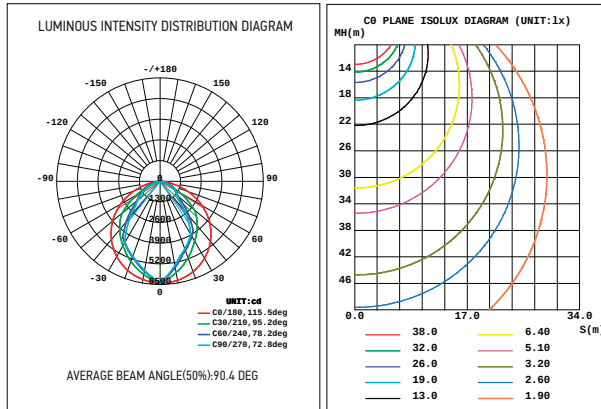


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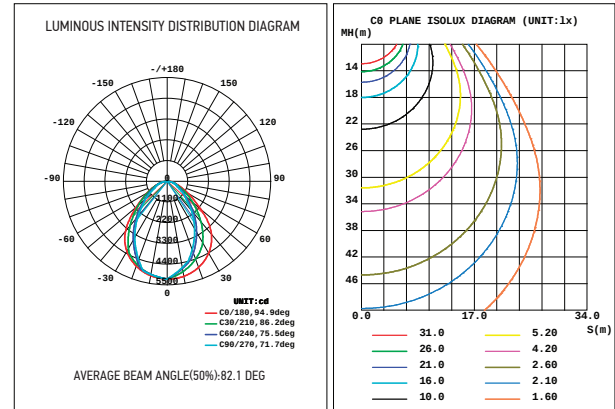
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90W

ASD-WHB

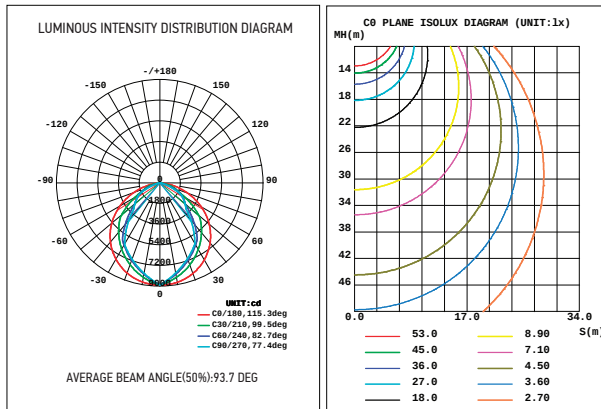


ASD-WHB + ASD-LWHB

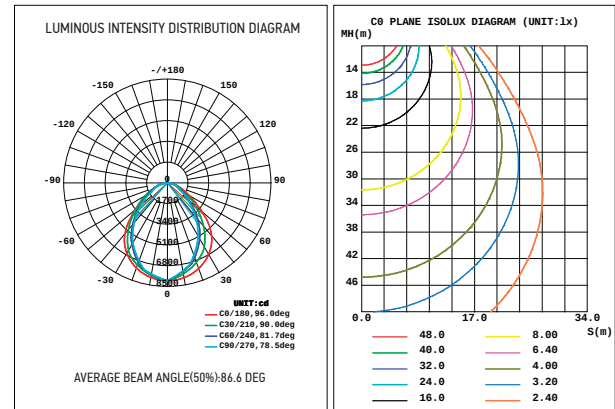


140W

ASD-WHB

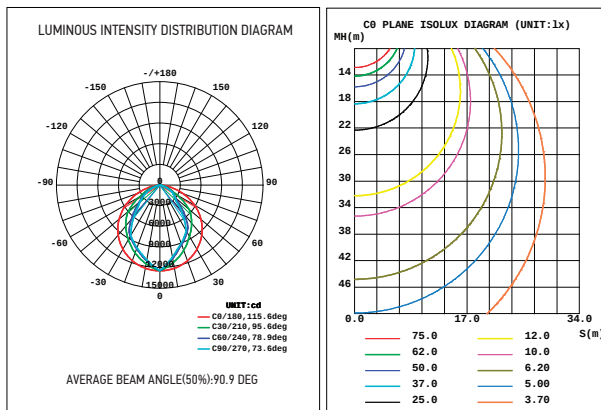


ASD-WHB + ASD-LWHB

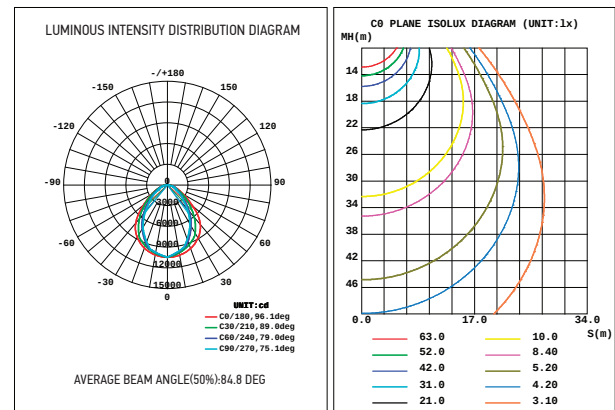


180W

ASD-WHB



ASD-WHB + ASD-LWHB





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⚠ WARNING

RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions.

Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 90°C supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

⚠ AVERTISSEMENT

RISQUE DE BLESSURES – Lisez et suivez toutes les MISES EN GARDE et les instructions d'installation.

Tenir ou fournir au propriétaire pour référence future.

Risque de coupures: Porter des gants pour éviter les coupures ou des écorchures lors du retrait du carton, de la manutention, l'installation et le maintien de ce produit.

Risque de choc électrique: Ce produit doit être Installé conformément au code d'installation applicable par une personne familiarisée avec la construction et l'exploitation du produit et les risques impliqués.

Risque d'incendie: minimum 90° C Alimentation conducteurs. Consultez un électricien qualifié pour assurer le bon conducteur de circuit de dérivation.

ASD® n'assume aucune responsabilité pour les réclamations découlant d'une installation inadéquate ou négligente ou de la manipulation de ce produit.

⚠ ADVERTENCIA

RIESGO DE LESIONES PERSONALES – Lea y siga todas las advertencias e instrucciones de instalación.

Mantener o proporcionar al propietario para referencia futura.

Riesgo de cortes: Use guantes para evitar cortes o abrasiones en la eliminación de la caja, manejo, instalación y mantenimiento de este producto.

Riesgo de choque eléctrico. Este producto debe ser instalado de acuerdo con el código de Instalación aplicable en que una persona familiarizada con la construcción y operación del producto y los riesgos involucrados.

Riesgo de Incendio: Minimo 90° C los conductores de suministro. Consulte a un electricista calificado para asegurarse el conductor correcto del circuito.

ASD® no asume ninguna responsabilidad por reclamaciones derivadas de una instalación inadecuada o negligente o la manipulación de este producto.



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INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:

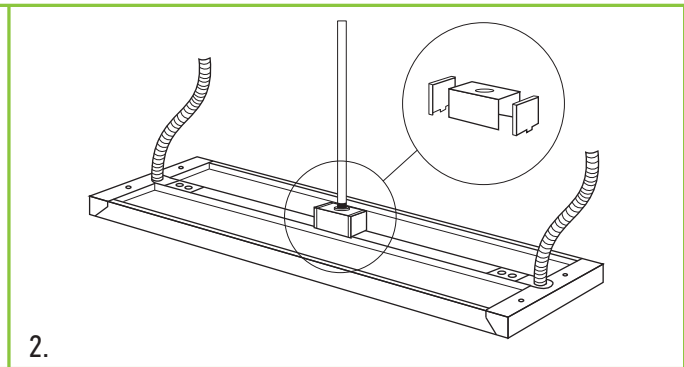
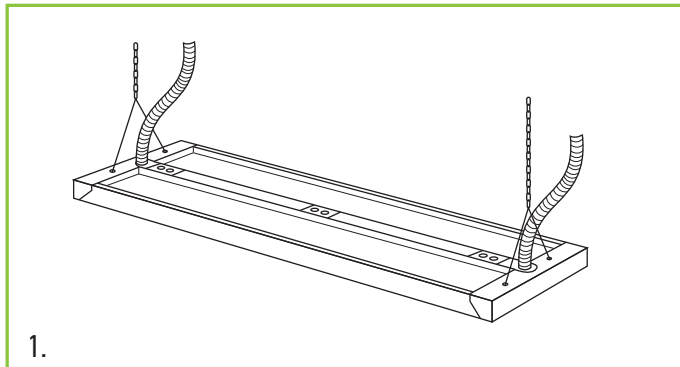
Please read all the instructions below before installation.

- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.
- ▶ All wiring connections should be capped with UL approved wire connectors.
- ▶ This fixture is intended to be connected to a properly installed and grounded UL listed junction box with suitable strain relief means for power cord. The junction box is not included, should be purchased separately.

INSTALLATION STEPS

There are 2 ways of installing:

1. Chain mount (40" steel chain hanging kit is included into a set)
2. Pendant mount – (customer supplied option)





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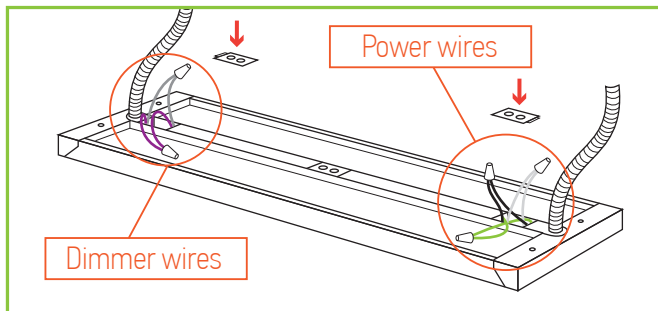
ASSEMBLING FIXTURE

Remove the covers from the both sides of the fixture.

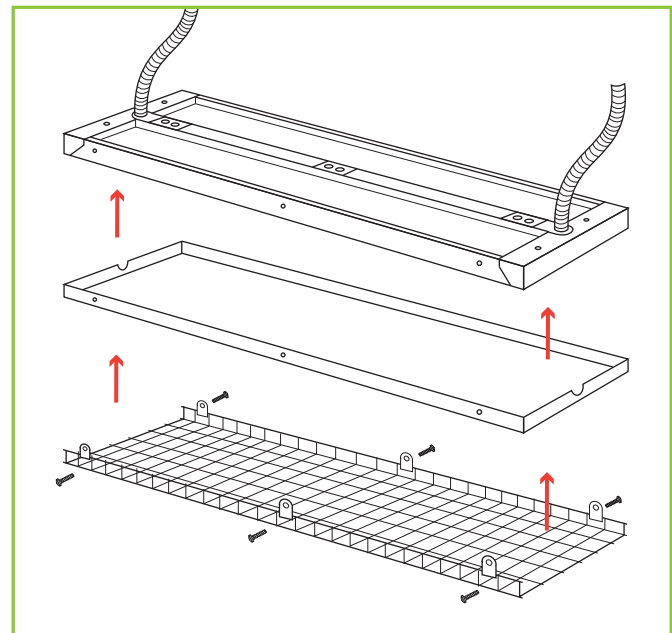
Pass the power cord into the driver and connect it to driver wires: white, black and green.

Pass dimmer wires into the hole and connect them with violet and grey wires.

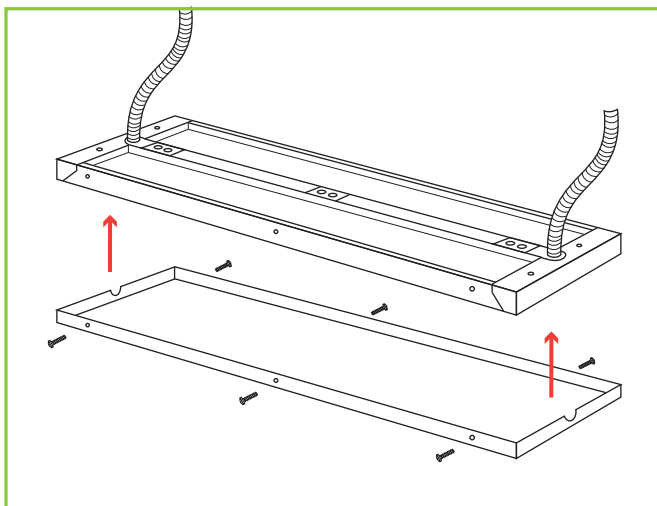
Close the covers.



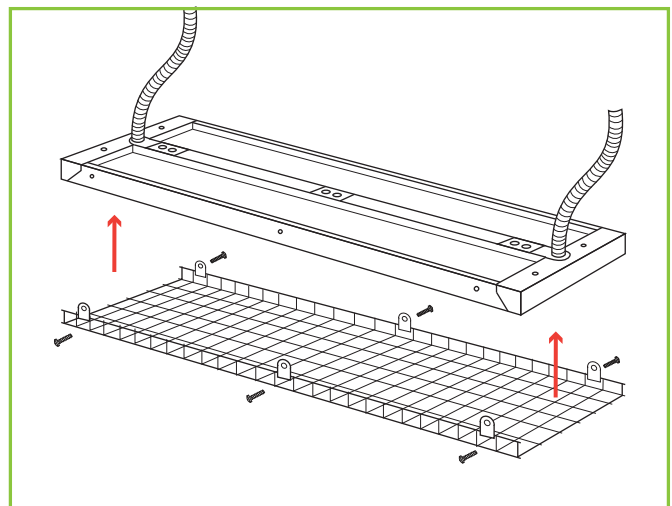
ASSEMBLING FIXTURE WITH LENS AND WIRE GUARD



ASSEMBLING FIXTURE WITH LENS



ASSEMBLING FIXTURE WITH WIRE GUARD



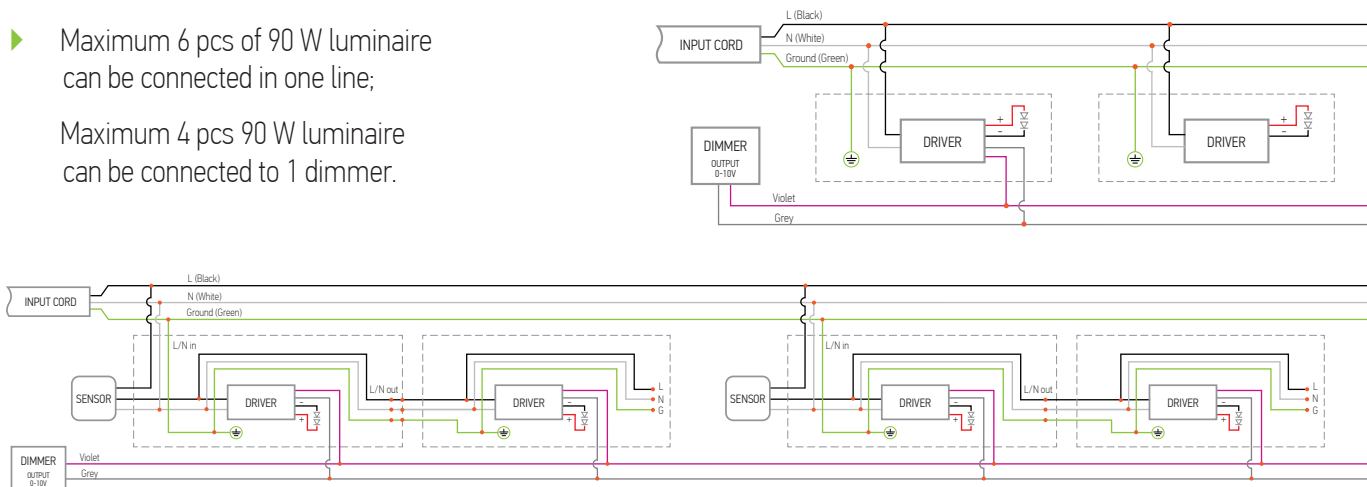


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ELECTRICAL SCHEMATIC DIAGRAM LED LINEAR HIGH BAY 90W

- ▶ Maximum 6 pcs of 90 W luminaire can be connected in one line;
- Maximum 4 pcs 90 W luminaire can be connected to 1 dimmer.



ELECTRICAL SCHEMATIC DIAGRAM LED LINEAR HIGH BAY 140W AND 180W

- ▶ Maximum 4 pcs of 140 W luminaire can be connected in one line;
- Maximum 3 pcs 140 W luminaire can be connected to 1 dimmer.
- ▶ Maximum 3 pcs of 180 W luminaire can be connected in one line;
- Maximum 2 pcs 180 W luminaire can be connected to 1 dimmer.

