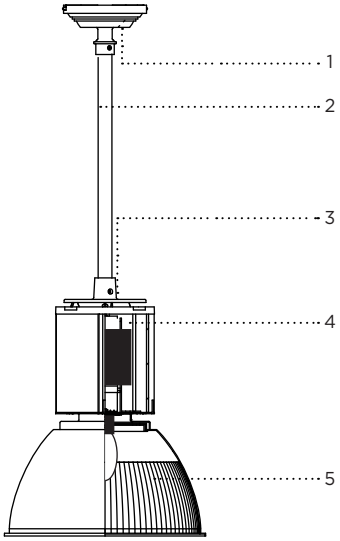
LUMINIS®

PR1201/PR1202

PRISMA 12 - HID/CFL

TYPE:	QUANTITY:	PROJECT:

CATALOG NUMBER:								
	FIXTURE	WATTAGE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION



Ceiling pendant luminaire with a choice of clear acrylic refractor or an anodized aluminum reflector with two part inner surface treatment. Upper etched surface combined with multi-faceted specular lower part.
Optional attachments and accessories are available to customize and adapt each luminaire to particular design requirement.

1- Standard heavy duty 45º hang straight swivel, with 5" diameter (127) canopy and universal mounting plate.
2- 7/8" diamter (22) X 36" long (914) suspension stem. Precut factory stems are available on request.
(Specify STM with desired length)
3- Cast aluminum removable top cover for quick maintenance.
4- Extruded aluminum driver housing module with a fine linear stria pattern.
5- **PR1201:** Clear acrylic refractor.
PR1202: Aluminum reflector.
Inner surface: multi-faceted specular anodized.
Exterior surface: Satin anodized natural aluminum.
Alternate exterior finish (Option RP2)

PR1201



PR1202



MATERIALS

Prisma is made of an extruded aluminum ballast housing designed to optimize functionality of electrical components.
Prisma is available with a choice of two interchangeable reflectors.

- A clear acrylic refractor with a linear peripheral pattern providing general upward illumination with efficient down lighting.
- An aluminum reflector designed to optimize light source performance and uniformity.

ELECTRICAL

METAL HALIDE

BALLAST Electronic 120/277V multi volt or 347V (50-60HZ) with a minimum starting temperature of -22°F/-30°C including end of life protection.

SOCKET Medium base pulse rated 4kV porcelain body with a nickel plated screw shell and center contact rated 600V.
Supplied with 200°C leads.

COMPACT FLUORESCENT (CFL)

BALLAST Electronic 120/277V multi volt, or 347V (50-60HZ) with end of life protection. Minimum starting temperature of 0ºF/-18ºC.

SOCKET Thermoplastic body rated for 75W-600V. Supplied with 105ºC leads.

FINISH

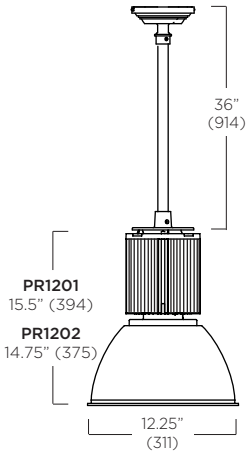
Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

MOUNTING

Maximum weight: 8lbs (3.6kg)
Mounts on a standard 4" (102) octagonal electrical box with 3 1/2" (89) C/C mounting holes.

CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed damp location.
CE certification on request.
Rated IP41.



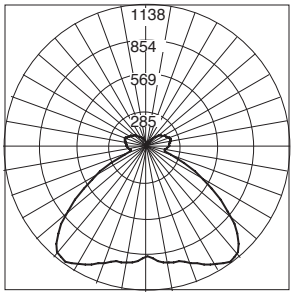
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260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

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Luminaires may be altered for design improvement or discontinued without prior notice.
Unless specified, lamps are not included with luminaires.

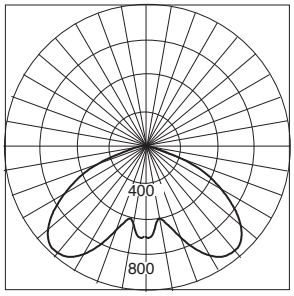
TYPICAL PHOTOMETRY SUMMARY



Descriptive Information
Total initial Lms: 4800 Lumens (2 lamps)
Total watts.: 64 W
Lamps: Comp. Fluorescent
Total efficiency: 83%
Max Spacing ratio: 1.68
CIE Type: Semi-Direct

PR1201-F232

Outdoor report Polar graph
Maximum Candela = 1138 Located at 45º



Descriptive Information
Total initial Lms: 3200 Lumens (1 lamp)
Total watts.: 42 W
Lamps: Comp. Fluorescent
Total efficiency: 77%
Max Spacing ratio: 2.1
CIE Type: Direct

PR1202-F142

Outdoor report Polar graph
Maximum Candela = 765 Located at 40º

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

MODEL#



☐ PR1201



☐ PR1202

LAMP SELECTION [1]

METAL HALIDE

SUFFIX	WATTS	LAMP	ANSI
☐ M50E	50W	ED17 (Open rated)	M110
☐ M70E	70W		M98
☐ M100E	100W		M90

COMPACT FLUORESCENT

☐ F118	1X18W	Gx24q Lamp base
☐ F126	1X26W	
☐ F132	1X32W	
☐ F142	1X42W	
☐ F218	2X18W	
☐ F226	2X26W	
☐ F232	2X32W	
☐ F242	2X42W	

VOLTAGE [2]

☐ 120V
☐ 277V
☐ 347V [3]

FINISH

STANDARD COLORS

☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ GNT Forest green

OPTIONAL COLORS

☐ CS Custom color
☐ RAL RAL# color

(Refer to color chart)

OPTIONS (Refer to page 3 for details)

ELECTRICAL

☐ **DM1** One lamp 26/32/42W 120/277V (Philips Mark X)
☐ **DM2** Two lamp dimming 26/32/42W 120/277V (Philips Mark X)
☐ **DMY** Other types of dimming ballasts (See page 3)
☐ **EM** Integral emergency battery back-up - 1 lamp (26/32/42W) 90 min.
☐ **FS** Fuse
☐ **DS1** Separate lamp switching (2 lamp models)
☐ **QRS** Quartz lamp standby restrike. Max. 100W bayonet lamp. 120-277V
☐ **QS** 120V Max. 100W bayonet lamp base for emergency external power

NOTES
1- Unless specified, lamps are not included with luminaires.
2- Luminaires are factory prewired for 120V unless otherwise specified.
3- 347V on request.
4- Surface ceiling mount extends OAH of fixture by 1" (25.4).

MOUNTING

☐ **CK** Surface ceiling mount[4]
☐ **STC** Safety cable
☐ **STM** Longer hang straight stem. Please add length with option suffix.
☐ **SPG** Silver braided power cord with adjustable suspension cable. 36" in length (other lengths on request)

ACCESSORIES

☐ **W12** Frosted acrylic refractor (only available on PR1201)
☐ **D12** Clear prismatic bottom conical lens
☐ **L12** Clear flat bottom lens
☐ **LB12** Cross blade louver (same color as luminaire).
☐ **BA12** Satin anodized aluminum lower diffuser band
☐ **BC12** Aluminum lower diffuser band same color as luminaire
☐ **RP2** Inner reflector specular aluminum. Exterior same color as luminaire.
☐ **UH** Housing height adjusted to EM model types (applicable to non-EM fixture type for uniform fixture height)

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OPTIONS

MOUNTING



CK*
Ceiling surface mounting conversion kit
Max. Watts: 70 MH or 2X42w CFL
Max. Watts with D12-L12 options 50MH or 2X32w CFL
* Extends OAH of fixture by 1" (25.4)



STM
Factory cut to size stems up to 144" lg. (Specify length with STM option suffix. Longer stems are available with coupling.
Please consult factory.) 36" lg. Standard stems can be shortened on site.



SPG
4/18 X 36" lg. Silver braided power cable C/W on site adjustable suspension cable. Longer suspension available on request.

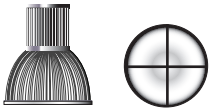
ACCESSORIES



D12
Clear prismatic bottom conical lens with nickel plated clamp ring



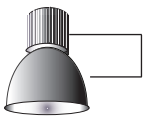
L12
Clear Acrylic flat bottom lens with nickel plated clamp ring



LB12
Cross blade louver
(Same color as luminaire)

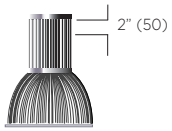


PR1201 Only
BA12
Aluminum satin anodized lower diffuser band
BC12
Aluminum lower diffuser band
(Same color as luminaire)



PR1202 Only
RP2
Inner reflector specular aluminum
Exterior same color as luminaire

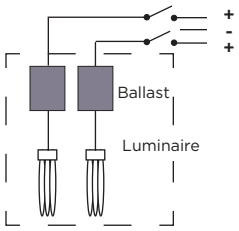
ELECTRICAL



EM
1 lamp (26/32/42W) 90 mnts.
Integral emergency battery back-up
Overall dimension is increased by 2" (50) from nominal std. length to accommodate EM ballast.
1X26W 450 Lumens
1X32W 575 Lumens
1X42W 750 Lumens
120/277V only

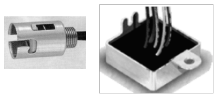
Standard connection:
Test switch and indicator light are installed with luminaire.
Factory pre wired for unswitched luminaire.

Option UH: Uniform OAL with non EM ballast luminaire for same installation is available.
All Non EM Luminaires will be increased by 2".

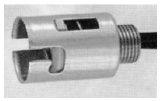


DS1
Luminaire with 2 lamps
Each lamp is separately controlled externally.

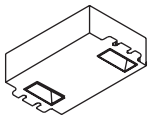
ELECTRICAL



QRS
Quartz restrike standby lamp kit.
Power failure: The quartz lamp is energized.
Power is restored: Quartz lamp will shut off as H.I.D. Light resumes to full light emission.
Max. 100W DC Bayonet base.
(Lamp is not included.)
(Not applicable with CFL lamps.)



QS
BA15d DC bayonet socket
(Quartz lamp not included.)
120V Emergency input power.
Separate dedicated wiring for external control. May be used for H.I.D or CFL lamps.
Max. 100W.



DMY
Other types of ballasts or dimming ballasts such as 0-10V Mark VII and Lutron or other brands are available.
Please specify ballast type with DMY option suffix. (Some restrictions may apply)

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