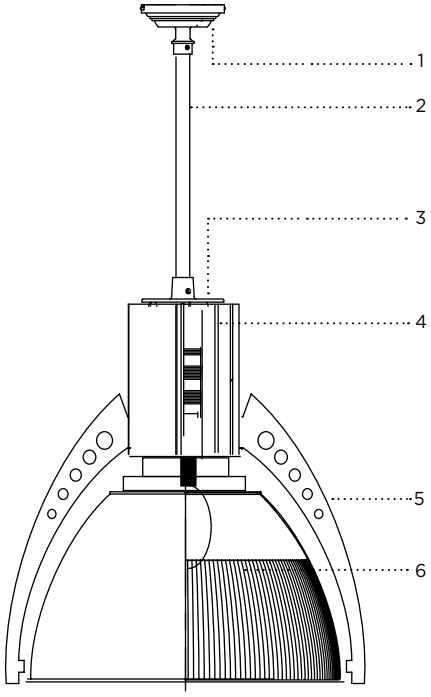
LUMINIS®

TR2401/TR2402

TORX 22 - 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 requirements.

1- Standard heavy duty 45º hang straight swivel, with 5" diameter (127) canopy and universal mounting plate.
2- 7/8" Diameter (22) X 36" Lg. (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 ballast housing module with a fine linear stria pattern.
5- Set of four cast aluminum decorative arms.
6- **TR2401:** Clear acrylic refractor.
TR2402: Aluminum reflector.
Inner surface: High performance multi-faceted specular anodized.
Exterior surface: Satin anodized natural aluminum.
Alternate exterior finish (Option RP8)

TR2401



TR2402



MATERIALS

Torx is made of an extruded aluminum ballast housing designed to optimize functionality of electrical components.
Torx 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) up to 150W. Pulse start magnetic ballast for 175W and higher, with a minimum starting temperature of -22°F/-30°C including end of life protection.

SOCKET Medium or mogul 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

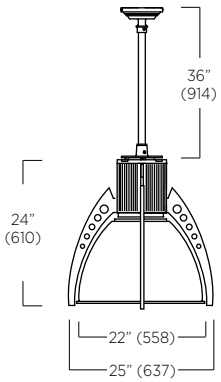
Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

MOUNTING

Maximum weight: 18.5lbs (8.4kg)
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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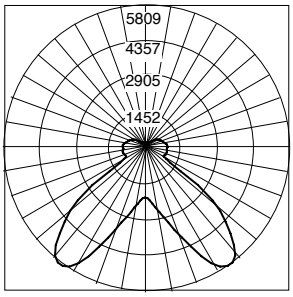
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Luminaires may be altered for design improvement or discontinued without prior notice.
Unless specified, lamps are not included with luminaires.

TR2401/TR2402

TORX 22 - HID/CFL

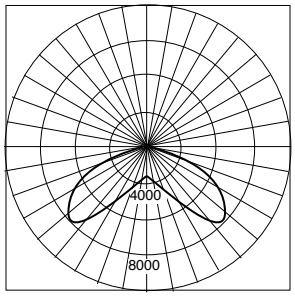
TYPICAL PHOTOMETRY SUMMARY



Descriptive Information
Total initial Lms: 25600 Lumens (8 lamps)
Total watts.: 336 W
Lamps: Comp. Fluorescent
Total efficiency: 75%
Max Spacing ratio: 2.4
CIE Type: Semi-Direct

TR2401-F842

Outdoor report Polar graph
Maximum Candela = 5809 Located at 35º



Descriptive Information
Total initial Lms: 25600 Lumens (8 lamps)
Total watts.: 336 W
Lamps: Comp. Fluorescent
Total efficiency: 74%
Max Spacing ratio: 2.8
CIE Type: Direct

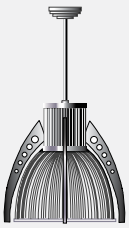
TR2402-F842

Outdoor report Polar graph
Maximum Candela = 7041 Located at 35º

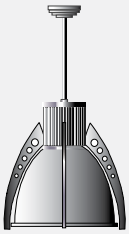
Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

MODEL#



☐ TR2401



☐ TR2402

LAMP SELECTION [1]

METAL HALIDE

SUFFIX	WATTS	LAMP	ANSI
☐ M150E	150W	ED17	M102
☐ M175PS	175W		M152
☐ M200PS	200W	ED28-PS	M136
☐ M250PS	250W		M153
			M154
☐ M320PS	320W	ED37-PS	
☐ M400PS	400W		
☐ M210T	210W	T12/PGZX18	
☐ M315T	315W		

COMPACT FLUORESCENT

☐ F432	4X32W	Gx24q Lamp base
☐ F442	4X42W	
☐ F457	4X57W	
☐ F470	4X70W	
☐ F632	6X32W	
☐ F642	6X42W	
☐ F657	6X57W	
☐ F842	8X42W	

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

OPTIONAL COLORS

☐ CS Custom color
☐ RAL RAL# color

(Refer to color chart)

OPTIONS (Refer to page 3 for details)

ELECTRICAL

- ☐ **BLV** Bi-level controller including H.I.D. Bi-level capacitor
- ☐ **DM2** Two lamp dimming 26/32/42W 120/277V (Philips Mark X)
- ☐ **DM4** Two lamp dimming 57W 120/277V (Philips Mark X)
- ☐ **DMY** Other types of dimming ballasts (See page 3)
- ☐ **EM** Integral emergency battery back-up - 1 lamp (32/42W) 90 min.
- ☐ **EM2** Integral emergency battery back-up - 2 lamps (32W) 90 min.
- ☐ **FS** Fuse
- ☐ **DS1** Separate lamp switching (2 lamp models)
- ☐ **DS2** Separate lamp switching in pairs (4/6/8 lamp models)
- ☐ **QRS** Quartz lamp standby restrike. Max. 100W bayonet lamp. 120-277V
- ☐ **QS** 120V Max. 100W bayonet lamp base for emergency external power

MOUNTING

- ☐ **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)
- ☐ **TA** 3/4" NPT conduit adaptor
- ☐ **HK** 1" Diameter male hook supplied with 4/18 black power cord 36" in length

ACCESSORIES

- ☐ **D22** Clear prismatic bottom conical lens
- ☐ **BC22** Aluminum lower diffuser band (same color as luminaire)
- ☐ **L22T** Frosted flat bottom lens (with center opening)
- ☐ **LB22** Cross blade louver (same color as luminaire)
- ☐ **GL22** Zinc plated concentric ring guard
- ☐ **RP8** Inner reflector specular aluminum. Exterior same color as luminaire (available only on TR2402).
- ☐ **W22** Frosted acrylic refractor (available only on TR2401)

NOTES
1- Unless specified, lamps are not included with luminaires.
2- Luminaires are factory prewired for 120V unless otherwise specified.
3- 347V on request.

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Apr 2015 Rev.0

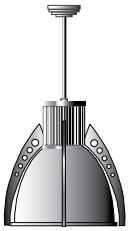
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OPTIONS

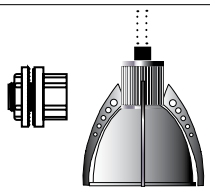
MOUNTING



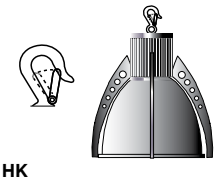
STM
Factory cut to size stems up to 144" lg. (Specify length with STM option suffix. Longer stems are available with coupling. Please consult factory.) 36" lg. Standard stems can be shortened on site.



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



TA
3/4" NPT Suspension conduit adaptor. (Conduit by others) Supplied with 3X18 ga.X36" lg. wiring. (Longer wires to be specified.)



HK
3/4" open hook with safety latch. 4" Lg. X 7/16" dia.

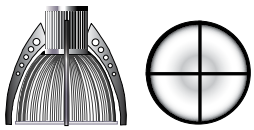
ACCESSORIES



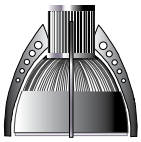
D22
Clear prismatic bottom conical lens with nickel plated clamp ring



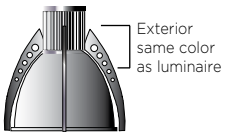
L22T
Frosted acrylic flat bottom lens with 3" dia. center opening.



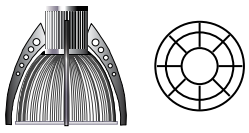
LB22
Cross blade louver
(Same color as luminaire)



TR2401 Only
BC22
Aluminum lower diffuser band
(Same color as luminaire)



PR2402 Only
RP8
Inner reflector specular aluminum
Exterior same color as luminaire



GL22
Zinc plated flat concentric ring guard

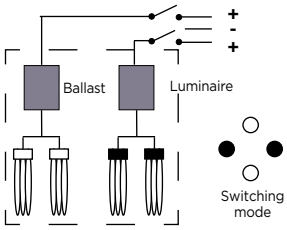
ELECTRICAL



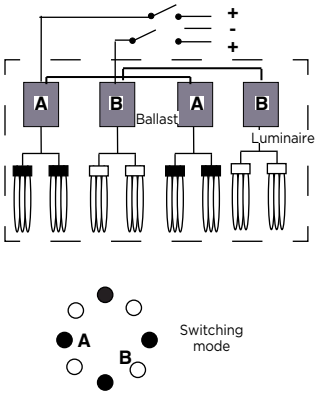
EM
1 lamp (26/32/42W) 90 mnts.
Integral emergency battery back-up

1X32W 575 Lumens
1X42W 750 Lumens

EM2
2 lamps (32W) 90 mnts.
2X32W 750 Lumens
120/277V only.
Standard connection:
Test switch and indicator light are installed with luminaire.
Factory pre wired for unswitched luminaire
57W and 70W available with remote EM ballast on request

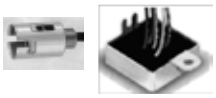


DS2
4X32/42/57/70w Luminaire with 4 lamps. Each set of 2 lamps is separately controlled externally.



DS4
8X32w Luminaire with 8 lamps. Each set of 4 lamps is separately controlled externally.

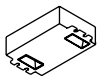
ELECTRICAL



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
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 or Lutron or other brands are available. Please specify ballast type with DMY option suffix. (Some restrictions may apply)

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