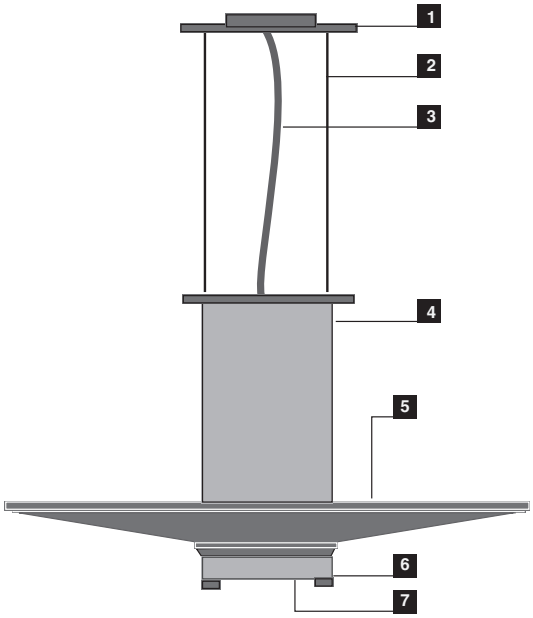
LUMINIS

Type: Project:

Catalog number: / / / / /

Fixture Wattage/Up Wattage/Down (Opt.) Voltage Finish Option

RESET



SPECTRUM 100

STR100



DESCRIPTION

Spectrum STR100 is a multifunction luminaire designed to create various visual environments.

Up lighting delivers an ambient lighting comfort, with an optional dual switch or dimmable function for optimized light control.

A set of two Circline T5/HO lamps are positioned to achieve a shallow 24" diameter shade, coupled with an optional Metal halide down light module and a choice of T6 / Metal halide ceramic lamps, AR111 Metal halide or a dimmable Halogen reflector lamp (AR111) for a precise beam accent.

Additional flexibility is provided with an optional dual switching between up and down lighting.

STR100 is fully adjustable with a set of self-locking 36" long suspension cables.

An exclusive independent rotative suspension cable plate allows final luminaire alignment after installation.

STR100 is an appropriate and ideal lighting solution for spaces such as offices, amphitheaters, halls, lobbies and retail store applications.

SPECIFICATION

Finish: Baked polyester powder coating preceded with a 5 stage preparation process.

Electrical: 125°C polycarbonate fluorescent socket with spring loaded G12 porcelain body for T6 lamp.

C.F.L & H.I.D.: 98% Power factor electronic smart ballast 120/277V-50/60 HZ with end of life detection.

1- Elliptical cover plate for quick electrical inspection and installation.

2- On site self locking adjustable 36" long suspension cables.

3- Standard 4/18 armored silver power cable.

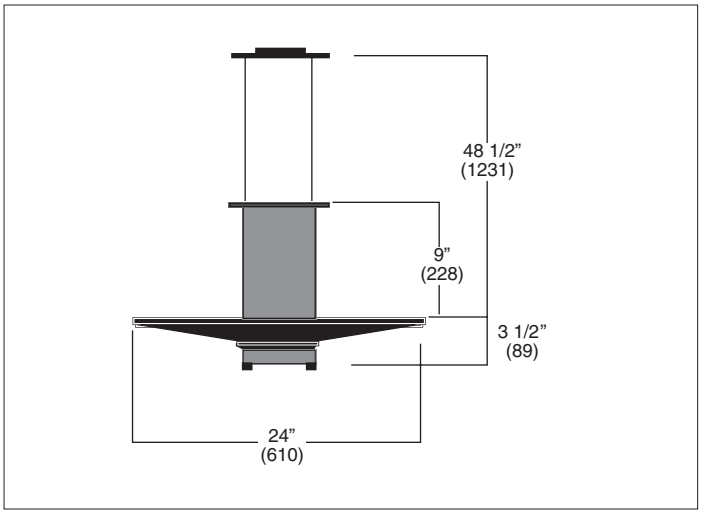
4- Extruded aluminum elliptical ballast housing with swing out access door for quick and ease of maintenance.

5- 24" Dia. aluminum shallow up-light reflector.

6- Extruded aluminum lamp trim.

7- Tempered prismatic frosted lens for T6 lamp.

8- Choice of two types of down light sources to optimize light beam control.

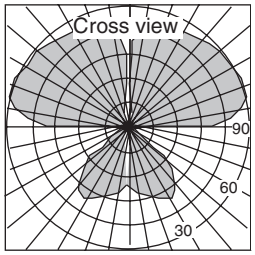


LUMINIS (USA) 3555 NW 53rd Court, Fort Lauderdale, FL.33309 — Toll free: 888.401.6999, Fax: 954.717.4157
(Canada) 87 C Brunswick D.D.O. (Quebec) H9B 2J5

www.luminis.com

PHOTOMETRY

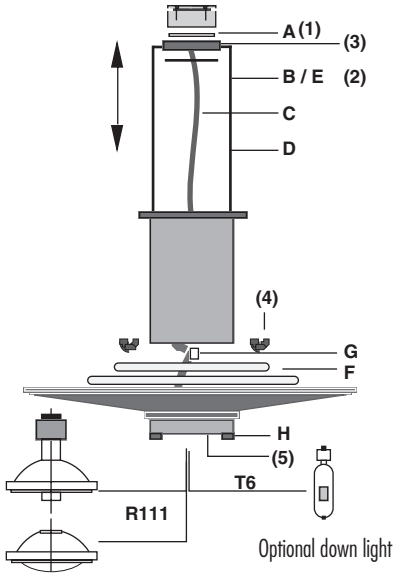
Please visit our web site **www.luminis.com** for complete I.E.S formatted download data.



CERTIFICATION
Tested to UL1598 standards, cULus listed dry location.

MAX. WEIGHT
14 Lbs / 6.4 Kg

MOUNTING



Optional down light

Luminaire mounts to a standard 4" octagonal connection box requiring 3 1/2" c/c mounting.

A. Install universal mounting plate (1) with 4" electrical ceiling connection box.

B. Install canopy assembly (3) with universal mounting plate (1).

C. Execute electrical connections through opening in canopy cover (3).

D. Adjust self locking suspension cables to desired height and level luminaire horizontally.

E. Close connection cover.

F. Install circline T5 lamps and secure shade to ballast module using top wing nuts (4).

G. Connect luminaire shade assembly using factory installed quick connector.

H. Quarter turn buttons to remove bottom lens or trim lamp support (5) to install the AR111 reflector lamp or T6 lamp.

(Lamps are not included.)

LUMINAIRE SELECTION

MODEL#

☐ STR100

LAMP SELECTION

FLUORESCENT (Standard)

UP LIGHTING - T5/HO Circline

☐ FC122 1X22W
☐ FC140 1X40W or 1X55W
(Single lamp)

☐ FC222 1X22W & 1X40W
☐ FC240 1X22W & 1X55W
(Two lamps)

METAL HALIDE & HALOGEN (Optional)

DOWN LIGHTING

T6/G12 H.I.D.
☐ M39T
☐ M70T

R111 H.I.D.
☐ M20R (120V only)
☐ M35R
☐ M70R

R111 Halogen
☐ H50R
☐ H75R

VOLTAGE

☐ 120 V
☐ 277 V

FINISH

STANDARD COLORS

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

(Refer to color chart)

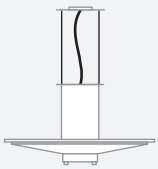
Luminaires are factory prewired for 120 V (If no voltage is specified.) For other voltages, please specify with catalog number, or consult factory.

OPTIONS

MOUNTING

☐ **CL**
Suspension

Longer suspension cable with power cord. 36" (914) lg. and higher. (Please specify length)



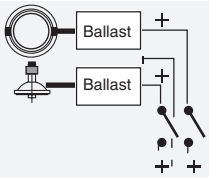
☐ **STC**

36" (914) lg. Seismic cable attached to mounting plate mounted to building structure.

ELECTRICAL

☐ **DS4**
Dual switch

Luminaire with 2 lamps individually externally controlled.



☐ **EM42: (Note 1)**
1 lamp (26/32/42W) Emergency ballast battery back up. Integral test switch.

☐ **EM43: (Note 1)**
1 lamp (55W) Remote emergency battery back up.



Time: 90 Mnts -120/277V / T 0° C

DIMMING

T5/HO - Up light dimming

120V	277V	
☐ **DM1-120**	**DM1-277**	1X22/40W
☐ **DM4-120**	**DM4-277**	1X55W

(Single lamp)

☐ **DM3-120**	**DM3-277**	1X22/40W
☐ **DM8-120**	**DM8-277**	1X22/40W or 55W

(Two lamps)

R111 HALOGEN - Down light dimming

120V	277V
☐ **DM7-120**	**DM7-277**



Standard dimming ballast
MARK X 60HZ / EOL protection
Dimming: 5-100%
Min. start. temp. 10°C (50°F)
Burn lamps 100 hrs at full light output before dimming.

NOTES

NOTE 1: Use of DM and EM options are not compatible with the same luminaire.

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

LUMINIS
www.luminis.com