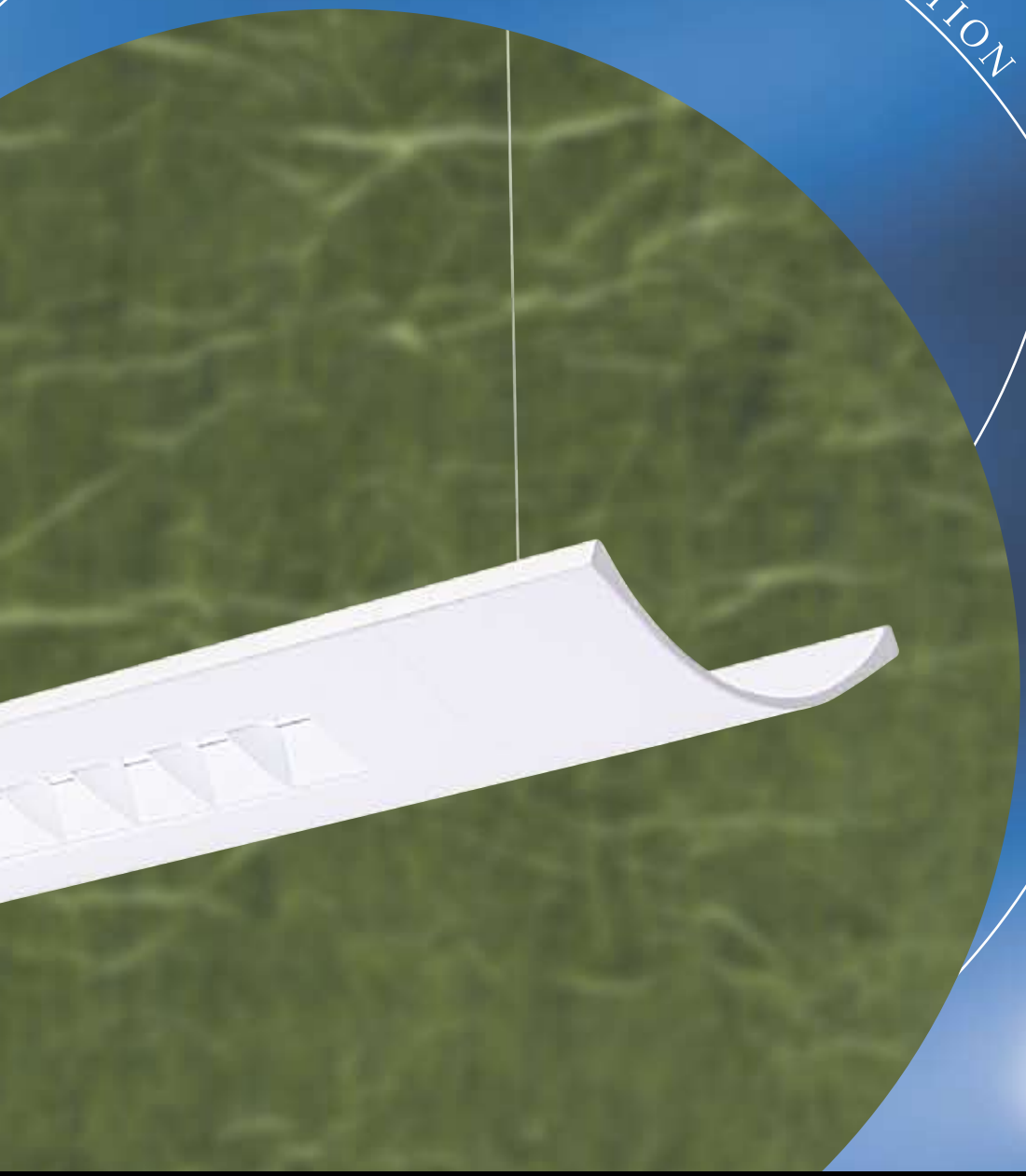
curVista

ELEGANCE AND SOPHISTICATION

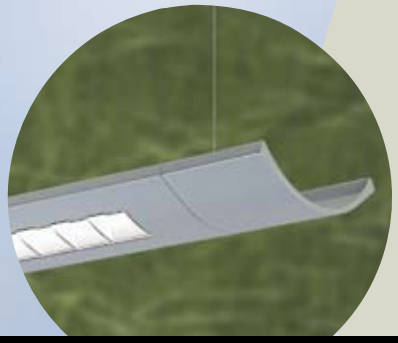


ALERA
LIGHTING

CurVista: Slender, luminescent blades are placed along each side of an elegant curvature to create unparalleled aesthetics. Sophisticated in style and function, CurVista is an appropriate choice for open or individual offices, lobbies, reception areas, school classrooms and cafeterias, health care facilities and retail.

Suspended or Wall Mount Selections

CurVista is available for both ceiling and wall mount applications. CurVista suspended, depicted above, is compatible with T-bar or hard ceilings. The CurVista wall mount, shown at right, presents an elegant profile and may be used as the primary light source or in conjunction with suspended CurVista luminaires.

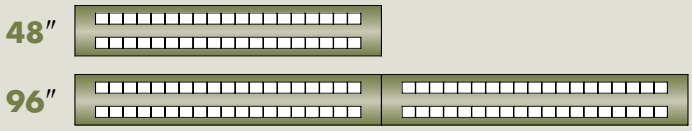


Color Selections

When desired, the CurVista can be painted a wide variety of colors. For a selection of standard, RAL, or custom colors, please contact your local Hubbell Lighting, Inc. Alera Lighting representative.

Fixture Length Selections

CurVista is available in 4′ and 8′ housing lengths. Shielding placement is strategically designed to ensure that the visual aspect remains consistent throughout rows of varying lengths.



CVSL
solid louver blades

CVPL
perforated louver blades

Louver Blade Selections

Louver blades placed along each side of the housing enhance CurVista's visual interest. A solid blade (CVSL) or a perforated blade (CVPL) may be selected. These blades provide both shielding and aesthetic excellence.

End Treatment Selections

The photos below illustrate how a simple change of end treatment (end cap) affects the space. The Flat end cap, standard, minimizes the fixture length and emphasizes the juxtaposition of curve and angle. The optional Bull Nose end cap (BN) elongates the ends and emphasizes the rounded contour. The optional Shallow end cap (SCE) elongates the body, emphasizing the slender, minimalist profile.

Flat End Cap

Bull Nose End Cap

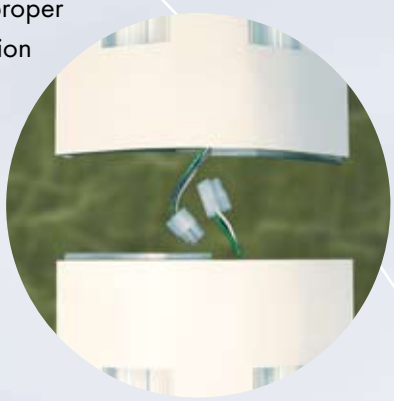
Shallow End Cap

Hangers

Modular mounting points produce predictable, consistent row layouts and allow advance rough-in work. Simple and efficient mounting hardware makes installation or maintenance contractor friendly. A single-point hanger at each mounting location reduces visual distraction for a clean and consistent appearance.

Quick-Connect Wiring

Every CurVista luminaire includes a labor saving quick-connect wiring system. These quick and easy plugs provide a proper and safe connection every time, even when multiple or emergency circuits are being carried through a row.



Die Cast Joiners and End Caps

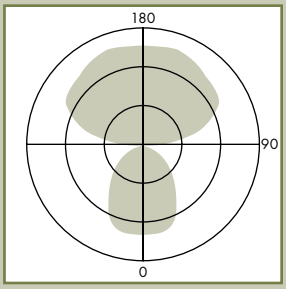
Alera Lighting's patented die cast end caps (patent number 6, 796, 676 B2) set the standard for specification. These die cast components assure consistently straight rows and a clean, finished appearance. Accept no substitutes.

Variable Distributions

The perfect light distribution may vary from room to room, row to row, or even within the row itself. CurVista is designed to allow changes in the light pattern without disrupting the aesthetics of the environment. In addition to the standard distribution, two optional distribution patterns are available. These optional distributions are achieved through the use of covers that can be shipped installed or added quickly and easily in the field.

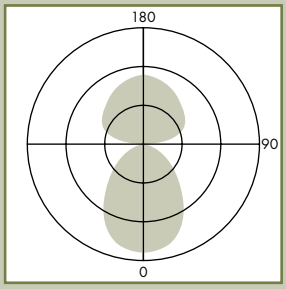
70↑ 30↓

The standard distribution with 70% uplight and 30% downlight. The product is primarily indirect while providing an excellent downlight contribution.



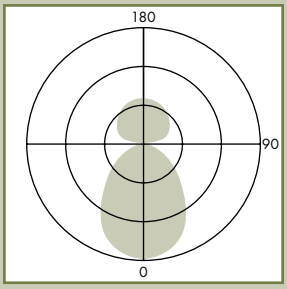
50↑ 50↓

The 50/50 option changes the distribution pattern to divide the light between uplight and downlight.



40↑ 60↓

The 40/60 option sends more light down for "punch" or task lighting and maintains a significant uplight component to highlight walls and ceilings.



RP-1 Compliance

Each of the three distributions shown above is RP-1 compliant as per the direct component guidelines for VDT normal use as described in RP-1-04, the ANSI standard and IESNA recommended practice for office lighting.

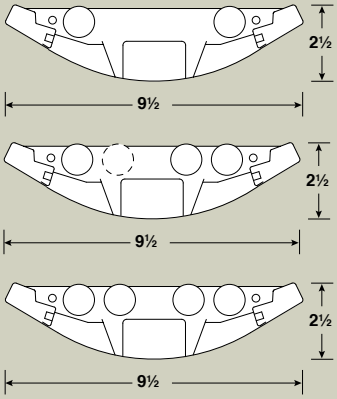
To obtain a full copy of RP-1-04 please contact the IESNA.

(**Note**: This examples is a 2T8)

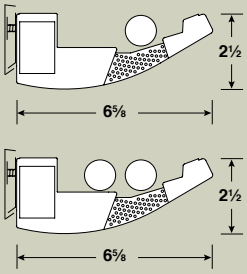
Number of Lamps in Cross Section

T8

Solid and Perforated

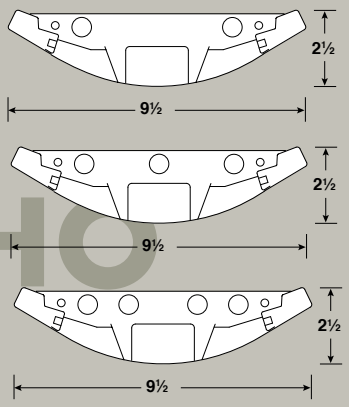


Wall Mount

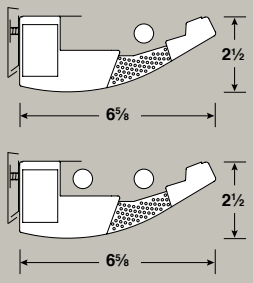


T5
T5 HO

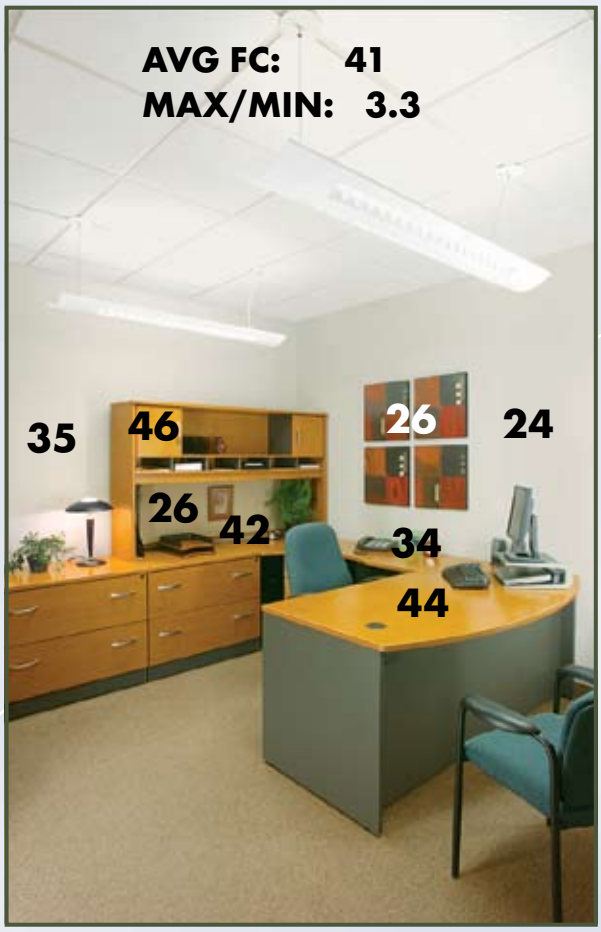
Solid and Perforated



Wall Mount



Horizontal & Vertical Footcandles



CVSL 2T8 70/30 EU MW4
Max to Min Ratio: 3.3 Average FC: 41
Maximum FC: 62 Minimum FC: 19

12′ x 12′ x 9′ room, 80/70/20 reflectances, 100% light level (non-dimmed), standard 70/30 light distribution pattern, two T8 32 watt lamps.

In the above example, two 2-lamp luminaries are suspended 18″ below the 9′ ceiling using the standard 70% uplight, 30% downlight distribution pattern. The wraparound desk is comfortably lit to the following horizontal footcandles: 44 fc on the curved desk area, 34 fc at the phone station and 42 fc immediately in front of the hutch. Vertical footcandle measurements are provided across both walls. The artwork wall is evenly illuminated. The orientation of the luminaires provides higher light levels along the back wall to throw light across and under the hutch.

ALERA LIGHTING

Ordering Information

Example: CVPL-8-2T8-CM48-EU-MW-SCE

Model
CVSL - curVista Solid Baffle
CVPL - curVista Perforated Baffle

Row Length
4 - 4' Single
8 - 8' Single
– - Indicate row length over 8' in 4' increments
Note: Rows over 8' will be configured by Alera. Example: 16' will be (2') 8'. Alternate configurations: contact factory.

Distribution
Blank - 70% Uplight, 30% Downlight
50/50 - 50% Uplight, 50% Downlight[1]
40/60 - 40% Uplight, 60% Downlight[1]
(Will vary with lamp and shielding options)

Mounting Method
FCM - Fixed Cable Mount (2-Lamp only)
CM - Adjustable Aircraft Cable Mount (Std.)

Lamp Type & Profile
2T5 - 2 T5 Lamps
3T5 - 3 T5 Lamps
4T5 - 4 T5 Lamps
2T5HO - 2 T5HO Lamps
3T5HO - 3 T5HO Lamps
4T5HO - 4 T5HO Lamps
2T8 - 2 T8 Lamps
3T8 - 3 T8 Lamps
4T8 - 4 T8 Lamps

Adjustable Cable Length
48 - 48"
96 - 96"
Other lengths available on request

Overlay
Blank - None (Std.)
OLAY - Acrylic Lens Overlay (Above baffles; for dust cover see Options)

Ballast
E - Electronic, Instant Start (Std. for T8)
EP - Electronic, Programmed Start (Std. for T5 & T5HO, optional for T8)
ED - Electronic, Dimming (Must Specify)
ESD - Electronic, Step Dimming
Unless specified, Alera will use fewest ballasts possible.

Voltage
120 - 120V
277 - 277V
347 - 347V
U - 120V/277V

Finish
MW - Matte White (Std.)
ZT - ZET Metallic Silver

Options
DC - Dust Cover (N/A T5HO)[1]
SCE - Sculpted curVista End Cap (5 5/16")
BN - Bull Nose End Cap (5 1/16")
LR - Left/Right Switching (2-Lamp only)
IBOB - Inboard/Outboard Switching (3-Lamp only)
EL - One Emergency Battery Pack[2, 3]
EMC - One Emergency Circuit[2, 3, 4]
NL - Night Light Circuit[2, 3, 4]
GLR - Fast Blow Fuse
GMF - Slow Blow Fuse
TBAR - T-Bar Mounting
CSA - UL listed or CSA certified for Canada
DL - Damp Label (Available on most models)

*

[1]Dust cover not available when using these optical distribution covers.
[2]Specify voltage. For additional, specify quantity before nomenclature (Example: 2EL120, EMC277)
[3]Not available with all configurations; some limitations apply. Contact factory for details.
[4]One extra feed drop per row with through wiring. (Standard is one 4ft lamp per circuit.)

Construction
The CurVista series is constructed of heavy 20-gauge steel with a 2½" x 9½" profile. Fixtures are available with up to four lamps in cross section. Modular mounting points maintain convenient, predictable locations and fixture lengths in 48" increments. The exact shape of the housing is maintained by the use of a patented inner die cast plate (patent number 6,796,676 B2) at each fixture end throughout the row to provide consistently straight runs with no snaking. The housing is designed to wrap around the plate and secures on top with concealed screws to ensure housing tolerances are consistent.

Finish
Housing and all painted parts are treated with a multi-stage phosphate prior to finish. Parts are then finished with a white RAL powder coat for maximum consistent coverage and longevity. Other colors may be specified; refer to page MTX-1 or contact your local Alera Lighting representative.

Shielding
Model CVSL includes two solid (non-perforated) white cross baffles in cross section, one on each side of the luminaire. Model CVPL includes two perforated white cross baffles, one on each side of the luminaire. Six- and eight-foot housing lengths include two baffles per side, for a total of four baffles. Baffle spacing remains equidistant on each housing to provide a symmetrical look when mounted in rows. An acrylic overlay (OLAY) option is available when T8 lamps are used.

Installation
CurVista is designed for ceiling suspension with an aircraft cable mechanism. To maintain consistent, predictable mounting points, fixtures use a single-point mounting system at each hanging location. Fixed cable has a total vertical adjustment of 1¼". The end of the cable barrel screws into a standard ¼ 20 bolt brought down from the ceiling. Cover plates are provided to shield the ceiling cutout. A straight (standard) or optional coiled cord is available for feed locations. A feed canopy is provided for each feed location. All fixtures are suspended in modular increments and must be supported at each fixture housing end. Refer to the CurVista TID sheet for actual hanging points with specific row information.

Labels and Electrical
All fixtures bear appropriate UL or CSA labels. Fixtures are prewired with small case electronic T8 ballasts and are available in 120, 277, or 347 volt. Some ballast options are available as dual-voltage 120/277 volt. All fixtures are wired for single circuit operation, but additional circuits can be supplied as an option by designating IBOB or LR switching (see ordering guide above).

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