The right light

LUXO

Office Workspace Lighting

Light influences people

The right lighting solutions help create the experience of comfortable, flexible and stimulating working environments.

In today's evolving office environment, correct workspace lighting has become a critical **health, ergonomic** and **energy-related** concern.

Improper lighting goes well beyond either too much or too little light. Proper lighting takes into account individualized needs:

- It balances light levels, light distribution and contrast.
- It minimizes glare and reflections.
- It makes workers more productive, and
- It **saves energy**.

LED and fluorescent task lights have become the primary tool for companies looking to increase worker productivity and satisfaction through ergonomics. They have become the primary weapon for lowering energy and operating costs and for achieving both Energy Codes and LEED accreditations.

"Vision accounts for greater than 80 percent of sensory perception"

The right light

LUXO

7 Years of
LED Design and Development
has Made **Luxo**
the **Most Experienced**
Manufacturer of
LED Task Lights
in the World

What to Look for When Buying an LED Task Light

▶ **A product that guarantees 70% of initial light output after 40,000 hours of operation in a 24/7 application and warrantees itself for at least 5 years** - The lamp life and efficiency of an LED is 100% dependant on the engineering of the product it is installed in. With a standard 40 hour work week, a well-engineered LED product should last more than 25 years. A manufacturer's warranty will often parallel their confidence in the LED product. The key determinant in a warranty is the percentage of light output or Lumen Maintenance. An LED will stay lit forever, but as time goes by it will get dimmer and dimmer. A quality product should give 70% of initial light output after 40,000 hours of use. Luxo warrantees its LED products for a full 5 years. That is 43,800 hours in a 24/7 application.

▶ **A task light that can cover 70% of an 8'x8' workstation with 25-100 footcandles while consuming less than 8 watts of power** – A well-designed 13W compact fluorescent task light utilizing asymmetric distribution can cover over 70% of an 8'x8' workstation with an additional 25-100 footcandles. A well-designed LED fixture can do the same for under 8W. When compared to the traditional, and still today the most popular, fluorescent undercabinet lights, this is a true 84% energy savings. However, the paradox is that most LED "task lighting" solutions require multiple lamps/fixtures to accomplish this feat. To avoid any confusion, be wary of "system" solutions, and cabinet or shelf-based solutions, and ask for the Total Draw (total energy used, with the fixture both on and off) to determine the true savings.

▶ **An asymmetrically designed light which shields the user from unnecessary glare and reflections** – Bare, unshielded LEDs can produce glare which may harm both the user and others within the workplace. Make sure the LED task light you select has been adequately designed with an asymmetric light distribution to shield glare and reflections.

5 YEAR WARRANTY

L-70

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The Luxo Solution: Two Component Lighting

There is an **ergonomic** and **energy-efficient** way to illuminate
a workspace for maximum productivity. It is **Two Component Lighting**.

Two Component Lighting effectively integrates ambient or general office lighting with task or workspace lighting. It is a shared approach that leverages the right combination of indirect lighting in the general work area, supplemented by the proper use of adjustable energy-saving task lighting. It considers the common problems of glare and shadows caused by over illumination and improper light distribution in an office and most effectively addresses individual needs.

Relationship Between
Age and Amount of Light Required'
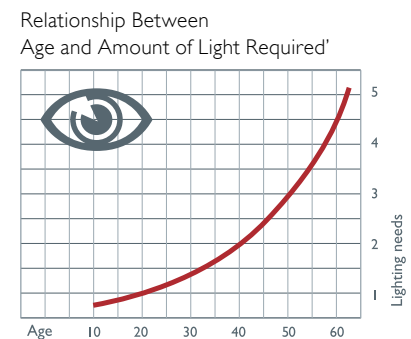
The solution to proper workspace lighting is not as simple as adding task lighting to existing lighting installations or removing overhead lighting. Two Component Lighting identifies the best combination of task and floor lighting, furniture and partition-mounted designs and indirect fixtures, providing a powerful, portable and flexible alternative to ordinary lighting. The system easily adapts to changes and continues to provide "the right light" at all times while considering currently accepted standards and codes

One of the keys to Two Component Lighting is obtaining correct contrast conditions in the office. Ideally the light (lux level) should be:

- Strongest in the primary work area (the keyboard, or the center of the desk) (2)

- Weaker in the rest of the work area (3)

- Weakest in the remainder of the room (1)

Two-Component Lighting Offers Several User Benefits:

- **Lighting quality** – correct lighting simply helps users work better, be more productive

- **Ergonomics** – correct lighting not only leads to less strain on the eyes, it also helps to reduce the strain on the neck and back that often results from sitting incorrectly to see better.

- **Job satisfaction** – correct lighting means individually adapted and user-controllable lighting. A 40-year old needs twice as much lighting as a 20 year old; detailed work requires more light and workers concentrating for long periods of time need more light.

- **Energy-savings** – Incorrect lighting often means too much light. Many offices have light levels of up to 800 lux from floor to ceiling. This is entirely too much. Light should be varied throughout the room, increasing where needed.

Different spaces require different levels of illumination.

Activity	Footcandle Level
Public Space	3FC (30Lux)
Simple orientation for short visits	5FC (50Lux)
Working spaces where simple visual tasks are performed	10FC (100Lux)
Performance of visual task of high contrast and large size	30FC (300Lux)
Performance of visual task of high contrast and small size, or visual tasks of low contrast and large size	50FC (500Lux)
Performance of visual tasks of low contrast and small size	100FC (1000Lux)

Ergonomic Task Lights from Luxo

Luxo's **ergonomic task lights** are **unequaled** in:

- Providing glare-free, asymmetrical, individual and adjustable ergonomic benefits for health, comfort and work performance.

- Saving money on ongoing energy costs, with both energy-efficiency and properly directed illumination.

- Ease-of-use, with either free-standing bases or numerous options for mounting to different desks or furniture systems.

- Adjustability, with Luxo's fully-adjustable, spring-balanced arm technology.

- Even distribution of the right amount of light for both small and large worksurfaces, where you most need it.

- Reliability and safety, with UL, CSA and international certification and with production approved to ISO 9001 and ISO 14001 environmental certification standards.

- Design, never sacrificing either form or functionality.

- Value, in terms of quality, reliability, durability and price.

- Dependability, Luxo's products are backed by the strongest warranty on the market and over 75 years of experience.

LUXO AT A GLANCE

For more than 75 years, Luxo has focused on people and their tasks, creating lighting tailored to individual user needs and preferences. Luxo's mission is to provide the right light. Luxo was founded in 1934 by Jacob Jacobsen, co-developer of the classic architect lamp, L-1.

The L-1 is still in production and to date has sold over 25 million units worldwide based on a multi-functional parallel movement arm with unique flexibility and durability. This lamp became the platform from which the Luxo Group evolved.

Today, Luxo is recognized as the leader in task lighting and offers the world's largest selection of ergonomic task lights.

TASK LIGHT ACCESSORIES

	CODES	DESCRIPTIONS	COLORS	WHERE USED
	31639	Bushing (Aluminum)	Aluminum	L-1, Verit
	50002	Verit Table/Desk Base	Black (BK), White (WT)	Verit
	50003	B-Wall Mount Bracket	Black (BK), Light Grey (LG)	L-1, Verit
	50005	C-Surface Mount Bracket	Black (BK), Light Grey (LG)	L-1, Verit
	50009	L-1 Table/Desk Base	Black (BK), White (WT), Silver Grey (SG)	L-1
	50014	Edge Mount Bracket	Aluminum Grey (AG), Black (BK)	Air, Air LED
	50115	Panel Mount Bracket	Light Grey (LG), Black (BK)	Air, Air LED, L-1, Verit
	50135	Tool-Tile Bracket	Black (BK), Light Grey (LG)	Air, Air LED, L-1, Verit
	50036	Rolling Floor Stand	Black (BK), White (WT), Light Grey (LG)	Air, Air LED, L-1, Verit
	50058	Air Table/Desk Base	Aluminum Grey (AG), Black (BK)	Air
	50063	Air LED Table/Desk Base	Aluminum Grey (AG), Black (BK)	Air LED
	50066	Ninety Table/Desk Base	Metallic Black Gloss (MB), Grey Gloss (GY), White Gloss (WT)	Ninety
	50068	Ninety Edge Clamp	Metallic Black Gloss (MB), Grey Gloss (GY), White Gloss (WT)	Ninety
	50071-P	Ninety Panel Mount for Furniture	Metallic Black Gloss (MB), Grey Gloss (GY), White Gloss (WT)	Ninety
	50071-T	Ninety Tool-Tile Bracket	Metallic Black Gloss (MB), Grey Gloss (GY), White Gloss (WT)	Ninety
	50072	Ovelo Table/Desk Base	Black (BK), White (WT), Silver Grey (SG)	Ovelo
	60001	A-Edge Mount Bracket	Black (BK), White (WT), Light Grey (LG)	Verit
	8990-052-1	Grommet	Transparent/aluminum	Air, Air LED, L-1, Verit
	8990-081	Ninety Recessed Surface Mount	Metallic Black Gloss (2), Grey Gloss (3), White Gloss (1)	Ninety

The right light

LUXO

Contents

CATEGORIES:

Arm-Based Task Lighting

Undercabinet Task Lighting

Ambient Workspace Lighting

LUXO

Air / Air LED
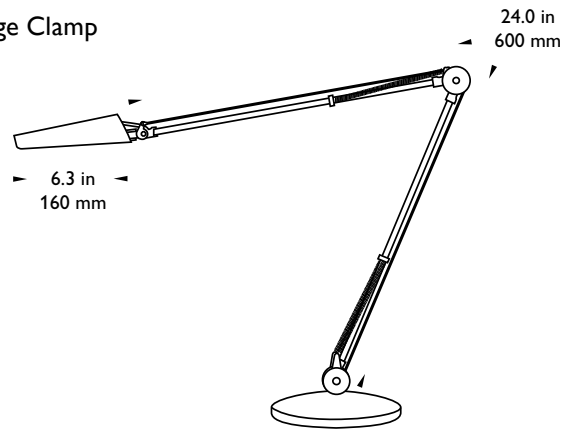
Design: Jukka Setälä

Asymmetrical task light with a feather-light spring-balanced arm in a simple and clean-cut design. Air LED has recently been redesigned to be even more energy-efficient and now includes a larger, more even, asymmetric light distribution, dimmable LEDs and a 9 hour automatic shut-off. With its clear expression, timeless design and excellent light distribution, Air is a fine choice for the modern office task light. The shade and arm have a metallic powder coating and the reflector is in bright polished aluminum.
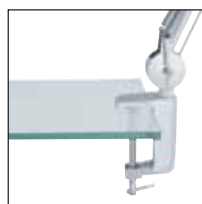
TECHNICAL INFORMATION

Lamp:	6.5W Dimmable LEDs (4x1.6W) Total energy consumed 8W or Halogen 35W (included)
Offstate Power:	LED: 0.3W
Luminance:	LED: 105 footcandles at 16 in. (1100 lux at 400 mm)
Color Temperature:	LED: 3250°K
CRI:	LED: 80; Halogen: 100
AC/DC Converter:	Electronic plug-in transformer
Power Cord:	5 ft. (1524 mm)
Mounting:	Edge Clamp

24.0 in
600 mm

6.3 in
160 mm

AIR CE c(UL)us

CODES

16715BK	Air with Edge Clamp, Black (BK)
16715AG	Air with Edge Clamp, Aluminum Grey (AG)

AIR LED LM-80 RoHS CE c(UL)us

CODES

16717BK	Air LED with Edge Clamp, Black (BK)
16717AG	Air LED with Edge Clamp, Aluminum Grey (AG)

COLORS

Aluminum Grey

Black

ACCESSORIES

	50058	Air Table/Desk Base, Aluminum Grey (AG), Black (BK)
	50063	Air LED Table/Desk Base, Aluminum Grey (AG), Black (BK)
	50014	Edge Mount Bracket, Aluminum Grey (AG), Black (BK)
	50115	Panel Mount Bracket, Black (BK), Light Grey (LG)
	50135	Tool-Tile Bracket, Black (BK), Light Grey (LG)
	50036	Rolling Floor Stand, Black (BK), White (WT), Light Grey (LG)
	8990-052-1	Grommet, Transparent/ Aluminum

Air Halogen: Source at 15" from worksurface

	-12	-6	CL	6	12	18	24
	Wall - 50% Reflective						
12	9.1	18.7	47.3	57.4	46.8	34.0	22.5
6	10.7	28.9	68.4	78.7	59.4	38.9	23.2
CL	13.1	36.9	83.3	107.8	81.7	45.5	24.5
6	10.6	28.0	59.7	72.8	54.6	34.9	20.8
12	8.8	13.9	33.0	39.4	32.2	23.3	16.7

Air LED: Source at 15" from worksurface

	-6	CL	6	12	18	24
	Wall - 50% Reflective					
12	< 5	15.5	33.9	31.9	20.5	12.1
6	10.0	44.5	78.9	64.7	35.7	17.6
CL	11.1	62.5	103.7	78.0	41.0	19.8
6	8.4	37.1	65.8	53.9	29.7	14.7
12	< 5	11.9	26.1	24.5	15.8	9.3

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L-1

Design: Jac Jacobsen, Luxo

Newly redesigned to be more energy-efficient after more than 70 years, L-1 is the world's first original architect lamp. Unique design, ingenious lighting properties and a flexible spring-balanced arm have earned L-1 a place among the world's all-time classics. L-1 is a prime example of how versatility, quality and stylish design produce an enduring icon. Since its creation, more than 25 million L-1 lamps have been sold worldwide.

TECHNICAL INFORMATION

Lamp:	13W Compact fluorescent lamp (included)
Electrical:	Light wired for 120V, 60 Hz operation
Ballast:	HF electronic ballast
Power Cord:	6 ft. 2 in. (1879.6 mm)
Mounting:	Edge Clamp

40.94 in
1040 mm

6.69 in
170 mm

6.1 in
155 mm

Chrome LS task light available in Edge Clamp and Table/Desk Base models. Please contact Luxo Customer Service for project pricing.

L-1

CE c(UL)us

CODES

L1ABK   L-1 with Edge Clamp, Black (BK)

L1AWT   L-1 with Edge Clamp, White (WT)

L1ASG   L-1 with Edge Clamp, Silver Grey (SG)

COLORS

Silver Grey   White

Black   *Chrome available. Please contact Luxo Customer Service for project pricing.

ACCESSORIES

	50009	L-1 Table/Desk Base, Black (BK), White (WT), Silver Grey (SG)
	50115	Panel Mount Bracket, Black (BK), Light Grey (LG)
	50135	Tool-Tile Bracket, Black (BK), Light Grey (LG)
	50003	B Wall Mount Bracket, Black (BK), Light Grey (LG)
	50005	C Surface Mount, Black (BK), Light Grey (LG)
	50036	Rolling Floor Stand, Black (BK), White (WT), Light Grey (LG)
	31639	Bushing, Aluminum
	8990-052-1	Grommet, Transparent/ Aluminum

Source at 15" from worksurface

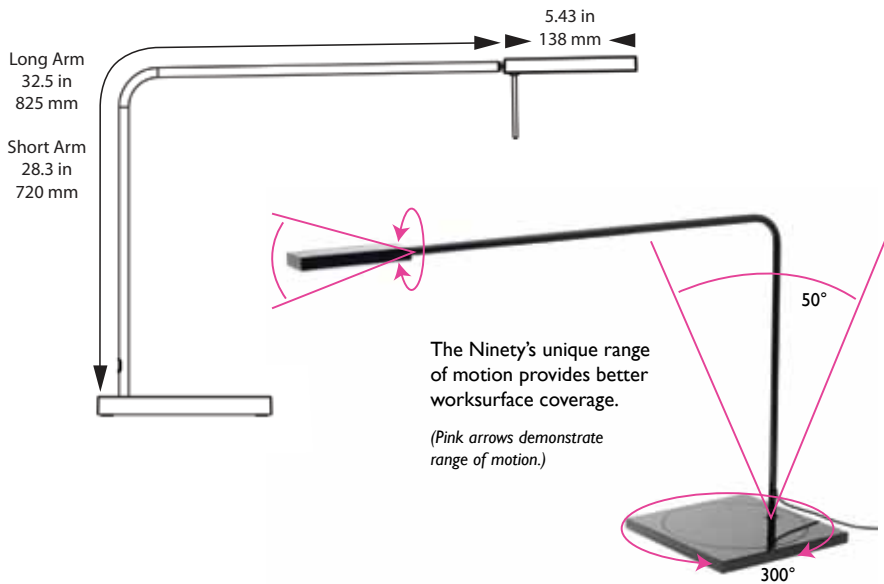|	-12	-6	CL	6	12	18	24
	Wall - 50% Reflective						
12	33.7	46.8	54.0	49.4	35.5	25.0	16.4
6	39.6	55.1	63.5	58.1	41.8	29.4	19.3
CL	38.4	57.2	67.1	61.8	38.5	28.3	18.7
6	39.4	54.3	63.1	58.4	41.2	28.9	19.6
12	32.7	45.1	52.4	48.5	34.2	24.0	16.3

Ninety

Design: Shawn K. Littrell

Ninety - the world's most energy-efficient task light now includes automatic shut-off which turns the light off after 9 hours to further ensure energy savings. Using only 6.5W of dimmable LEDs, Ninety offers a bright, warm light with superb color rendering. A spring-balanced arm, rotating base and sleek head give the Ninety excellent range of motion. It is dimmable and designed to last for 25 years in a regular office environment. You will never have to change a lamp again.

TECHNICAL INFORMATION

NINETY
LM-80 RoHS
CE c(UL)us

Lamp:	6.5W Dimmable LEDs (4x1.6W) Total energy consumed 8W
Offstate Power:	0.3W
Luminance:	105 footcandles at 16 in. (1100 lux at 400 mm)
Color Temperature:	3250°K
CRI:	80
AC/DC Converter:	Electronic plug-in transformer
Power Cord:	4.5 ft. (1371.6 mm)
Mounting:	Table/Desk Base or Edge Clamp

CODES

16748MB	Ninety Short Arm with Table/Desk Base, Metallic Black Gloss (MB)
16748WT	Ninety Short Arm with Table/Desk Base, White Gloss (WT)
16748GY	Ninety Short Arm with Table/Desk Base, Grey Gloss (GY)
16747MB	Ninety Short Arm with Edge Clamp, Metallic Black Gloss (MB)
16747WT	Ninety Short Arms with Edge Clamp, White Gloss (WT)
16747GY	Ninety Short Arm with Edge Clamp, Grey Gloss (GY)
16738MB	Ninety Long Arm with Table/Desk Base, Metallic Black Gloss (MB)
16738WT	Ninety Long Arm with Table/Desk Base, White Gloss (WT)
16738GY	Ninety Long Arm with Table/Desk Base, Grey Gloss (GY)
16746MB	Ninety Long Arm with Edge Clamp, Metallic Black Gloss (MB)
16746WT	Ninety Long Arm with Edge Clamp, White Gloss (WT)
16746GY	Ninety Long Arm with Edge Clamp, Grey Gloss (GY)

Long Arm 32.5 in 825 mm

Short Arm 28.3 in 720 mm

5.43 in 138 mm

50°

300°

The Ninety's unique range of motion provides better worksurface coverage.

(Pink arrows demonstrate range of motion.)

COLORS

■ Metallic Black Gloss   ■ Grey Gloss
□ White Gloss

## ACCESSORIES

	50066	Ninety Table/Desk Base, Metallic Black Gloss (MB), White Gloss (WT), Grey Gloss (GY)
	50068	Ninety Edge Clamp, Metallic Black Gloss (MB), White Gloss (WT), Grey Gloss (GY)
	50071-P	Ninety Panel Mount Bracket for Furniture, Metallic Black Gloss (MB), White Gloss (WT), Grey Gloss (GY)
	50071-T	Ninety Tool-Tile Bracket, Metallic Black Gloss (MB), White Gloss (WT), Grey Gloss (GY)
	8990-081	Recessed Surface Mount, Metallic Black Gloss (2), Grey Gloss (3), White Gloss (1)

Source at 15" from worksurface

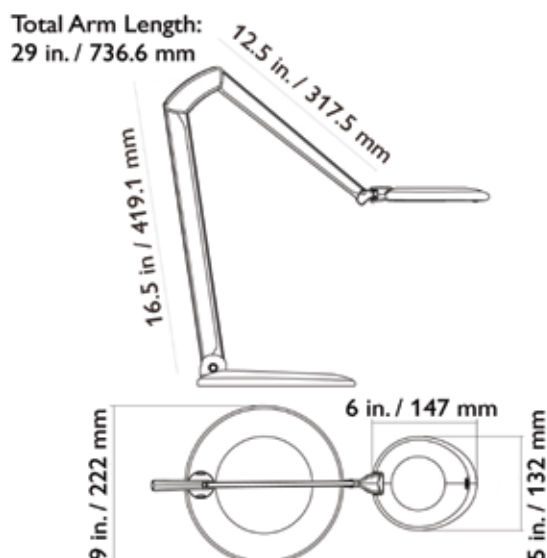|	-12	-6	CL	6	12	18	24
	Wall - 50% Reflective						
12	8.5	13.3	25.7	45.9	38.0	23.1	13.2
6	10.0	17.8	49.9	74.8	54.5	28.9	14.4
CL	7.5	17.9	76.1	104.2	67.9	34.2	15.3
6	7.7	13.2	38.7	64.8	46.8	24.1	12.6
12	5.2	7.9	13.5	23.7	20.9	13.5	7.8

LUXO

Ovelo

Design: Stephan Copeland

Uniquely designed LED task light for the modern office. Incorporates automatic shut-off which turns the light off after 9 hours to ensure energy savings. Ovelo uses 6W dimmable LEDs to illuminate an entire worksurface. Combination aluminum and steel construction. Covered spring-balanced arm provides complete flexibility of the pivoting arm and lamp head.
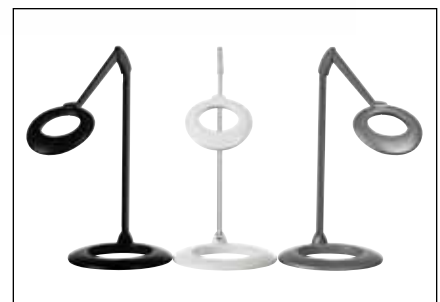
TECHNICAL INFORMATION

Lamp:	6W Dimmable LEDs (4x1.5W) Total energy consumed 8.1W
Offstate Power:	0.35W
Luminance:	100 footcandles at 16 in. (1000 lux at 400 mm)
Color Temperature:	3250°K
CRI:	80
AC/DC Converter:	Electronic plug-in transformer
Power Cord:	5.5 ft (1701.8 mm)
Mounting:	Edge Clamp, Table/Desk Base

CODES

16765BK	Ovelo with Edge Clamp, Black (BK)
16765WT	Ovelo with Edge Clamp, White (WT)
16765SG	Ovelo with Edge Clamp, Silver Grey (SG)
16766BK	Ovelo with Table/Desk Base, Black (BK)
16766WT	Ovelo with Table/Desk Base, White (WT)
16766SG	Ovelo with Table/Desk Base, Silver Grey (SG)

COLORS

Silver Grey   White

Black

Total Arm Length: 29 in. / 736.6 mm
12.5 in. / 317.5 mm
16.5 in / 419.1 mm
6 in. / 147 mm
9 in. / 222 mm
5 in. / 132 mm

ACCESSORIES

| 50072 | Ovelo Table/Desk Base, Black (BK), White (WT), Silver Grey (SG) |

Source at 15" from worksurface

	-6	CL	6	12	18	24
18	5.8	17.0	15.0	10.0	7.5	3.5
12	16.6	48.5	42.8	28.7	21.3	10.1
6	47	101.9	94.2	52.8	26	15.8
CL	75.3	135.3	167	72	34	20
6	47.4	102.4	95.1	53.3	26.8	15.9
12	16.9	49.8	43.3	29.4	21.9	10.3
18	5.9	17.4	15.2	10.3	7.7	3.10

LUXO

Terea

Design: Ryann Aoukar and Luxo

Combines energy-efficient LEDs, ergonomics and compact design for an incomparable value. Terea, which efficiently and cost-effectively illuminates any worksurface with maintenance-free operation, better articulates its ergonomics with the effortless tilt of its arm and complete flexibility of its head. This allows the light to fall exactly where needed providing optimal lighting and functionality.
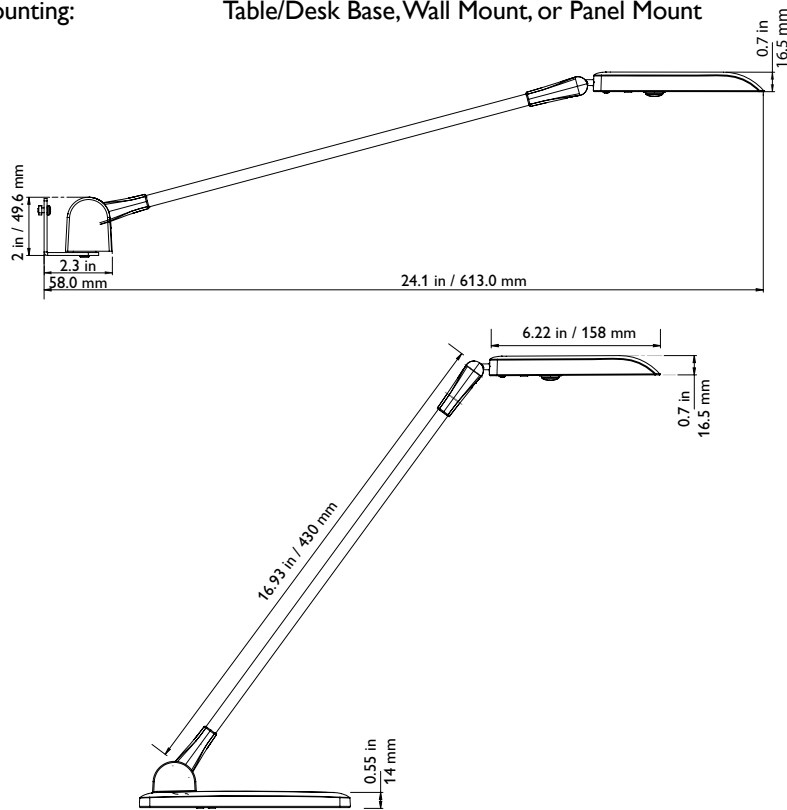
Panel Mount with Panel Mount Bracket.

Panel Mount with Tool-Tile Bracket.

TECHNICAL INFORMATION

Lamp:	7W LEDs (3x2.4W) Total energy consumed 9.6W
Offstate Power:	0.4W
Luminance:	120 footcandles at 16 in. (1200 lux at 400 mm)
Color Temperature:	3500°K
CRI:	80
AC/DC Converter:	Electronic plug-in transformer
Power Cord:	7 ft. (2133.6 mm)
Mounting:	Table/Desk Base, Wall Mount, or Panel Mount

0.7 in / 16.5 mm

2 in / 49.6 mm

2.3 in / 58.0 mm

24.1 in / 613.0 mm

6.22 in / 158 mm

0.7 in / 16.5 mm

16.93 in / 430 mm

0.55 in / 14 mm

CODES

16770BK	Terea with Table/Desk Base, Black (BK)
16770SG	Terea with Table/Desk Base, Silver Grey (SG)
16770WT	Terea with Table/Desk Base, White (WT)
16780BK	Terea Wall Mount, Black (BK)
16780SG	Terea Wall Mount, Silver Grey (SG)
16780WT	Terea Wall Mount, White (WT)
16780BK-P	Terea Panel Mount with Panel Mount Bracket, Black (BK)
16780SG-P	Terea Panel Mount with Panel Mount Bracket, Silver Grey (SG)
16780WT-P	Terea Panel Mount with Panel Mount Bracket, White (WT)
16780BK-T	Terea Panel Mount with Tool-Tile Bracket, Black (BK)
16780SG-T	Terea Panel Mount with Tool-Tile Bracket, Silver Grey (SG)
16780WT-T	Terea Panel Mount with Tool-Tile Bracket, White (WT)

COLORS

Silver Grey

Black

White
*Available September 2011.

Source at 15" from worksurface

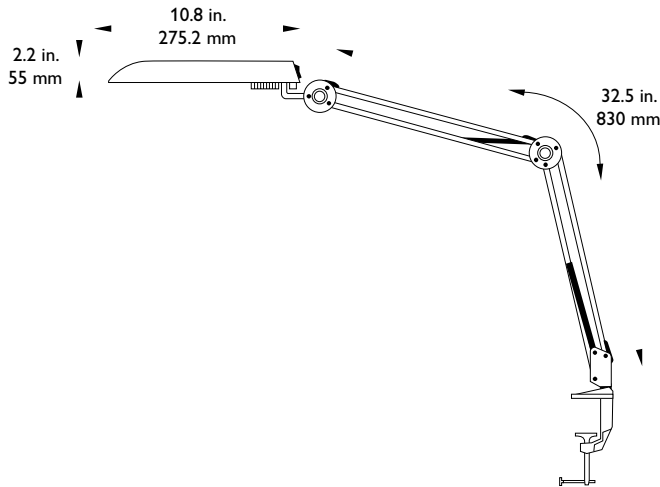|	-6	CL	6	12	18	24
	Wall - 50% Reflective					
12	28.8	41.2	37.6	24.3	14.3	9.5
6	43.8	71.1	68.0	39.3	19.1	11.6
CL	66.2	98.5	121.1	51.3	21.9	11.6
6	39.1	66.7	62.9	35.3	17.6	10.1
12	20.6	28.3	28.4	17.8	11.2	7.8

LUXO

Verit

Versatile task light that adapts to any work environment. An energy-efficient fluorescent lightsource utilizing a high efficiency electronic ballast. Verit produces glare-free illumination and provides a large area of comfortable and ergonomic illumination at an economical price. Spring-balanced arm and flexible shade can be turned and fixed in almost any position.
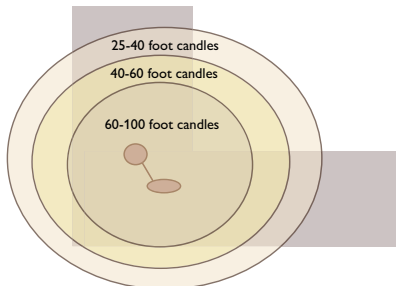
LUXO

TECHNICAL INFORMATION

VERIT

CE c(UL)us

CODES

16424WT	Verit with Edge Clamp, White (WT)
16424BK	Verit with Edge Clamp, Black (BK)

Lamp: 13W Compact fluorescent lamp, 4-pin (included)

Electrical: Light wired for 120V, 60 Hz operation

Ballast: HF electronic ballast

Power Cord: 6 ft. (1828.8 mm)

Mounting: Edge Clamp

10.8 in.
275.2 mm

2.2 in.
55 mm

32.5 in.
830 mm

COLORS

White

Black

ACCESSORIES

	50002	Verit Table/Desk Base, White (WT), Black (BK)
	50115	Panel Mount Bracket, Black (BK), Light Grey (LG)
	50135	Tool-Tile Bracket, Black (BK), Light Grey (LG)
	60001	A Edge Mount Bracket, Black (BK), White (WT), Light Grey (LG)
	50003	B Wall Mount Bracket, Black (BK), Light Grey (LG)
	50005	C Surface Mount, Black (BK), Light Grey (LG)
	50036	Rolling Floor Stand, Black (BK), White (WT), Light Grey (LG)
	31639	Bushing, Aluminum
	8990-052-1	Grommet, Transparent/ Aluminum

1 Verit

25-40 foot candles
40-60 foot candles
60-100 foot candles

1x13W task light covers 76% of an 8'x8' worksurface with 25-100 footcandles

2 Undercabinets

25-40 foot candles
60-100 foot candles
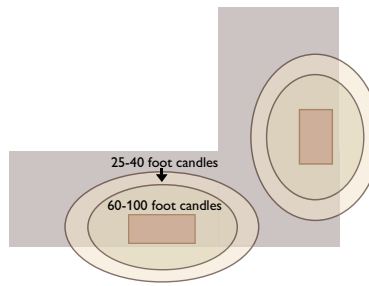
2x25W undercabinet lights cover 36% of an 8'x8' worksurface with 25-100 footcandles

Source at 15" from worksurface

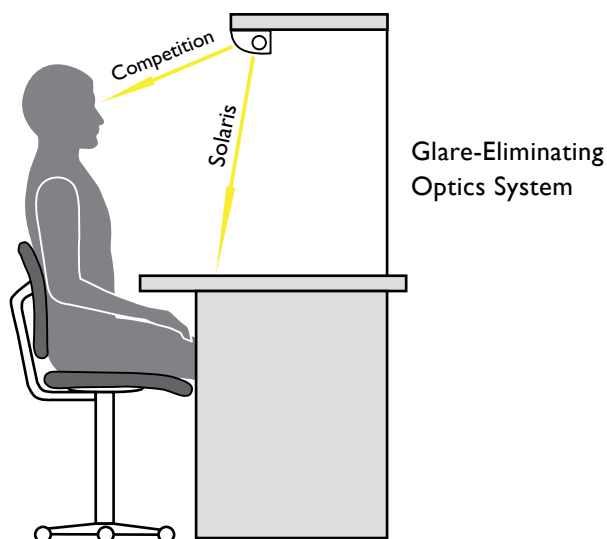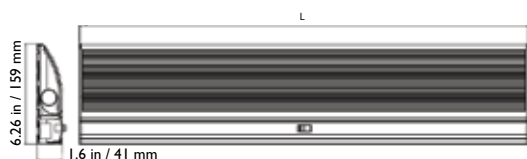|	-12	-6	CL	6	12	18	24
	Wall - 50% Reflective						
12	72.0	95.8	110.5	92.1	62.4	33.7	21.3
6	97.2	139.7	168.3	130.6	72.6	40.2	25.0
CL	112.2	160.1	193.6	148.7	81.0	44.1	26.5
6	64.5	78.1	89.4	78.6	49.1	28.4	20.1
12	32.4	40.2	48.5	37.2	26.8	19.2	13.6

Solaris

Solaris is Luxo's first energy-efficient undercabinet light providing 33% energy savings over conventional products and allowing glare-free illumination for any size or shape workspace. Its sleek design makes it nearly undetectable when mounted to the underside of cabinets or shelves. A glare-eliminating optics system not only provides asymmetric illumination, but allows for stronger, wider light output. Models are individually sized to house T8 fluorescent lightsources in a lightweight, easier-to-install and environmentally-friendly aluminum construction. An exclusive cord management system permits versatile mounting in the field.

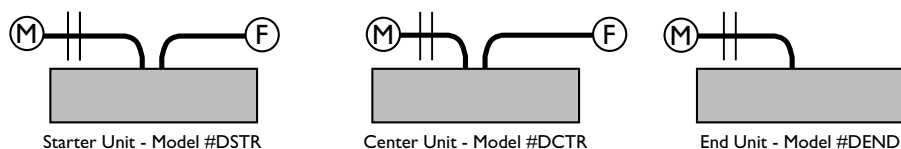Solaris provides 33% energy savings over standard undercabinets.

The right light
LUXO

TECHNICAL INFORMATION

SOLARIS CE c(UL)us

Lamp: 15W, 17W or 25W T8 Fluorescent lamp (included)

Electrical: Light wired for 120V, 60 Hz operation

Ballast: HF electronic ballast

Power Cord: 9 ft. (2743.2 mm)

L

6.26 in / 159 mm

1.6 in / 41 mm

Competition

Solaris

Glare-Eliminating
Optics System

Cabinet Size	Ordering Code
24 in. (670 mm)	UC-15-18
30 in. (762 mm) 36 in. (914 mm)	UC-17-24
42 in. (1067 mm) 48 in. (1219 mm)	UC-25-36
60 in. (1524 mm) 72 in. (1829 mm)	UC-25-36

CODES

UC-15-18   15W T8, 18.5" (470 mm)
UC-17-24   17W T8, 24.5" (622 mm)
UC-25-36   25W T8, 36.5" (927 mm)

COLORS

■ Black (BK)

**Metallic or RAL colors available upon request

ACCESSORIES

DSTR9   Daisy Chain Starter Unit, 9' cord with 6" connector rail

DCTR4   Daisy Chain Center Unit, 4' cord with 6" connector rail

DCTR9   Daisy Chain Center Unit, 9' cord with 6" connector rail

DEND4   Daisy Chain End Unit, 4' cord

DEND9   Daisy Chain End Unit, 9' cord

CC   Chicago Code Cord and Plug

Other cord lengths and accessories available upon request.

Daisy Chaining

Starter Unit - Model #DSTR   Center Unit - Model #DCTR   End Unit - Model #DEND

Solaris (UC-17-24)
Source at 18" from worksurface

	-24	-18	-12	-6	CL	6	12	18	24
CL	35	47	69	89	94	88	66	47	36
6	39	52	77	102	110	102	76	52	40
12	39	51	76	105	117	106	79	54	41
18	33	43	62	81	91	81	62	45	37
24	22	30	41	48	54	52	42	31	24

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Spire

The first and still the best diffused LED undercabinet light on the market. With its low profile extrusion and patented frosted acrylic diffuser, Spire eliminates shadow and hotspots while distributing even and comfortable illumination on the worksurface. An effective cooling mechanism helps maximize LED performance.
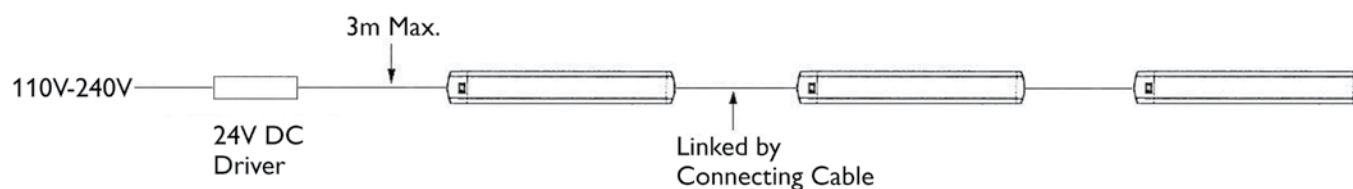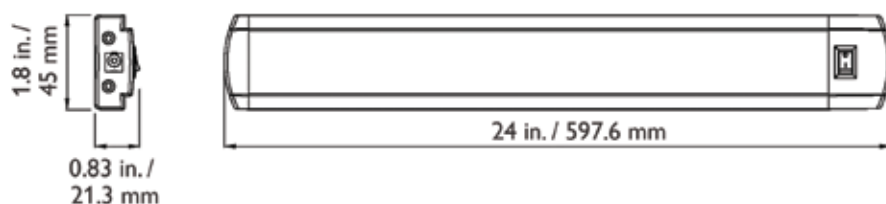
TECHNICAL INFORMATION

SPIRE

LM-80 RoHS CE

CODES

Code	Description
16790	Spire (1 unit)
16790-DC2	Spire (Daisy Chain 2 units)
16790-DC3	Spire (Daisy Chain 3 units)

Lamp:	10W High power LEDs (6x1.7W) Total energy consumed 11W
Luminance:	90+ footcandles at 18"
Color Temperature:	3000°K±300°K
CRI:	>80
AC/DC Converter:	24V DC input
Switch:	On/off switch
Power Cord:	6 ft. (1828.8 mm)
Daisy Chain Cord:	3 ft. (914.4 mm)

1.8 in. / 45 mm
0.83 in. / 21.3 mm
24 in. / 597.6 mm

110V-240V — 24V DC Driver — 3m Max. — Linked by Connecting Cable

Source at 18" from worksurface

	-24	-18	-12	-6	CL	6	12	18	24
12	24.5	37.2	67.7	96.4	86.7	79.4	61.5	39.8	31.2
6	27.3	42.6	79.6	101.7	106.4	94.5	77.9	46	31.6
CL	27.2	36.2	66.7	118.2	131.6	115.6	70.8	41.1	29.0
6	19.4	23.5	40.2	55.0	60.6	55.5	43.0	27.8	21.8
12	9.1	13.4	19.1	23.9	28.0	25.8	21.2	14.6	10.2

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Glider

Modular lighting system characterized by its slender elliptical light head, slim form and small dimensions. A perforated housing provides a soft glow of glare-free direct/indirect illumination "downward" while simultaneously providing a smooth distribution of light "upwards" through the top of the fixture. The Glider family of luminaires offers maximum versatility, design and lighting continuity through a range of partition, table and floor mounting options.

Expandable Bracket

GLIDER CE c(UL)us

A335-PR-439/A335-PR-254 GLIDER Partition with indirect and direct light distribution.

A335-SL-439/A335-SL-254 GLIDER Partition Solid with indirect light distribution.

2x54W: 46.69 in / 1186 mm
4x39W: 34.80 in / 884 mm
8.27 in / 210 mm
6.30 in / 160 mm
12 in / 305 mm
5.12 in / 130 mm

GLIDER Partition Pagoda Symmetric with upper reflector symmetric.

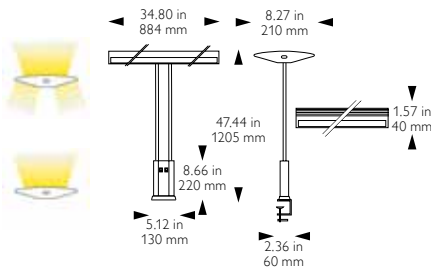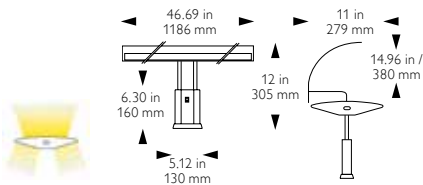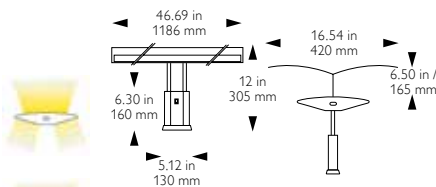**A33B-PR-254 GLIDER Partition Pagoda Symmetric** with indirect and direct light distribution.

A33B-SL-254 GLIDER Partition Pagoda Symmetric with indirect light distribution.

46.69 in / 1186 mm
16.54 in / 420 mm
6.30 in / 160 mm
12 in / 305 mm
6.50 in / 165 mm
5.12 in / 130 mm

GLIDER Partition Pagoda Asymmetric with upper reflector asymmetric.

A33A-PR-254 GLIDER Partition Pagoda Asymmetric with indirect and direct light distribution.

A33A-SL-254 GLIDER Partition Pagoda Asymmetric Solid with indirect light distribution.

46.69 in / 1186 mm
11 in / 279 mm
6.30 in / 160 mm
12 in / 305 mm
14.96 in / 380 mm
5.12 in / 130 mm

A336-PR-439/A4336-PR-254 GLIDER Table with indirect and direct light distribution.

A336-SL-439/A336-SL-254 GLIDER Table Solid with indirect light distribution.

34.80 in / 884 mm
8.27 in / 210 mm
47.44 in / 1205 mm
1.57 in / 40 mm
8.66 in / 220 mm
5.12 in / 130 mm
2.36 in / 60 mm

A333-PR-439 GLIDER Floor with indirect and direct light distribution.

A333-SL-439 GLIDER Floor Solid with indirect light distribution.

34.80 in / 884 mm
8.27 in / 210 mm
75 in / 1905 mm
1.57 in / 40 mm
36.22 in / 920 mm
16.53 in / 420 mm
12.60 in / 320 mm
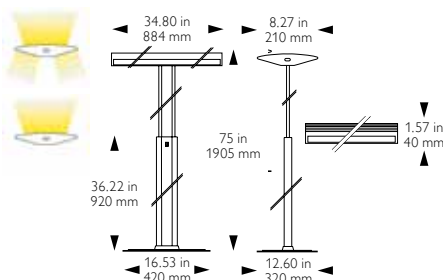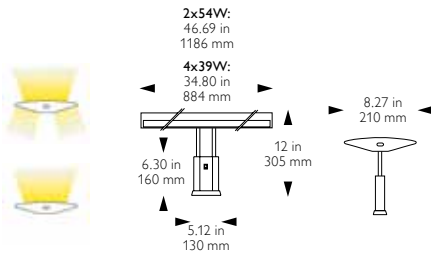
CONFIGURATION 1
A333	Floor
A335	Partition
A336	Table Mounted
A33A	Partition Asymmetric Pagoda
A33B	Partition Symmetric Pagoda

CONFIGURATION 2
PR	Perforated
SL	Solid

LAMPING
439	4x39W Fluo. T5-HO
254	2x54W Fluo. T5-HO *N/A 4333*

*Lamps included

CIRCUIT
SG	Single
DL	Dual *Only 4x39W version*

BALLAST
EB	Electronic HPF <10% THD

VOLTAGE
UNV	Universal Voltage 120V to 277V
347	347 Volts

FINISH
012	White (WT)
027	Aluminum Grey (AG)

ACCESSORIES
F231E	Expandable Bracket, Black
F231E-012	Expandable Bracket, White
F231E-027	Expandable Bracket, Aluminum Grey
37737	Partition System Bracket

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Loft

Loft is a multi-versatile, furniture-centric direct/indirect lighting solution offering portability, design, lighting continuity and value through a range of mounting options all at economical prices. Partition and table models can be used alone or collectively to most effectively illuminate a work area. The aluminum post is formed from an aluminum extrusion and can be cut to any length. Available double switch allows for multi-level illumination.

LOFT

CE c(UL)us

LOFT Partition:

23.50 in
596.9 mm

16.28 in
413.5 mm

23.50 in
596.9 mm

2.69 in
68.33 mm

12.8 in
325 mm

*Illustration shows offset pole option

Standard Color: Silver

Ordering Guide

To order a LOFT fixture you need to provide a minimum of 3 part numbers (see ordering guide below):

LOFT Head (1st part number)		Head Style	Lamping	Lamp Wiring	
		C: Center O: Offset	A: BALLAST 4 LAMPS PLL 40 WATTS B: BALLAST 4 LAMPS PLL 25 WATTS	LR: Left/Right IO: Inner/Outer LL: All	
	LOFT-				
e.g.:	LOFT-	C-	B-	IO	= LOFT-C-B-IO

LOFT Pole (2nd part number)		Switches	Pole Length	Custom Length	Cable Plug Exit	
		D: Dual Switching S: Single Switching 0: None	12: 12 inches 36: 36 inches 48: 48 inches	Enter Pole length in inches (2 digits)	SIDE: Side BTTM: Bottom	
	L-POLE-					
e.g.:	L-POLE-	D-	48-		SIDE	= L-POLE-D-48-SIDE
	L-POLE-	S-		38-	BTTM	= L-POLE-S-38-BTTM

LOFT Mount (3rd part number)		Type of Mount		Custom	
		PA: Partition	SMP: Standard Mini Plate	C: Custom	
	L-MNT-				
e.g:	L-MNT-	PA-	SMP-		= L-MNT-PA-SMP

Additional Options / Part Numbers		Options	
		DC: Dust Cover	
		PG: Pagoda Assy (Center Position ONLY)	
	LOFT-		
e.g.:	LOFT-	PG	=LOFT-PG

* Please contact Luxo Customer Service for lead times and costs on custom options, including custom pole lengths and colors.

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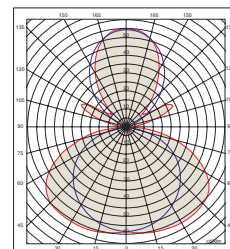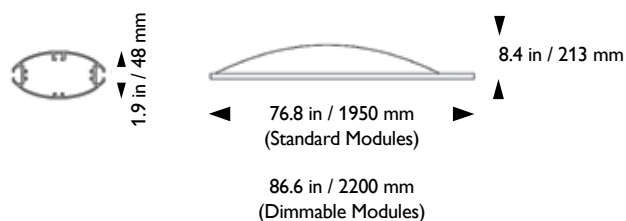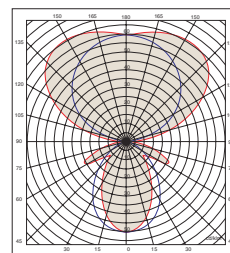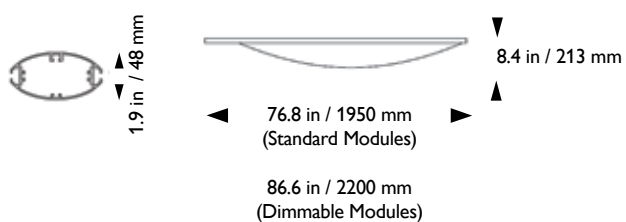
27

Onda

Design: Isao Hosoe

Onda is a unique direct/indirect luminaire available in sine-wave or scalloped versions or as a single module. Each module consists of an extruded aluminum light rail which houses two 54W T5-HO lamps and a white perforated steel reflector that forms a "wave" shape when attached to the rail. The perforated reflector allows 32% of the light to filter through while redirecting 68% either upward or downward depending on which Onda configuration is utilized.
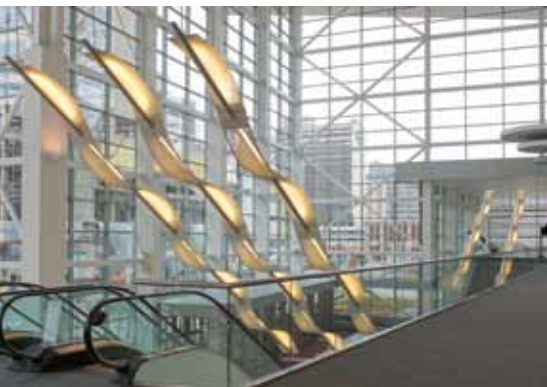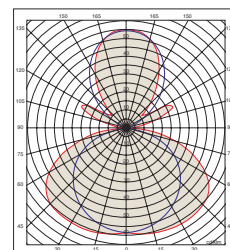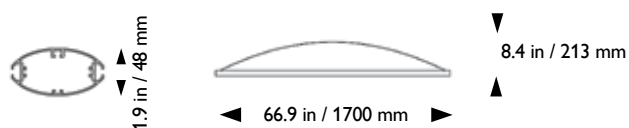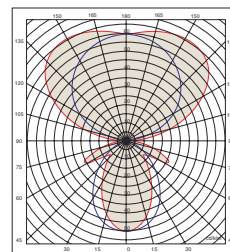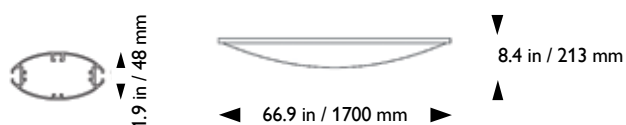
F4401 ONDA Terminal Module Upwards

1.9 in / 48 mm

8.4 in / 213 mm

◄ 76.8 in / 1950 mm ►
(Standard Modules)

86.6 in / 2200 mm
(Dimmable Modules)

F4403 ONDA Terminal Module Downwards

1.9 in / 48 mm

8.4 in / 213 mm

◄ 76.8 in / 1950 mm ►
(Standard Modules)

86.6 in / 2200 mm
(Dimmable Modules)

F4405 ONDA Central Module Upwards

1.9 in / 48 mm

8.4 in / 213 mm

◄ 66.9 in / 1700 mm ►

F4407 ONDA Central Module Downwards

1.9 in / 48 mm

8.4 in / 213 mm

◄ 66.9 in / 1700 mm ►

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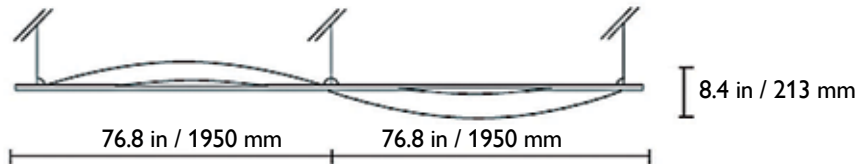
29

Some possible configurations:
An Onda system is composed of at least two "Terminal" (end) modules (Up or Down). "Central" modules (Up or Down) are added for longer runs. Modules are suspended by double-wire suspension sets – one electrical feed suspension set per run and one standard suspension set per module. (Example: a run of 5 modules will have 1 electrical and 5 standard sets). "Terminal" and "Central" modules can be either "Up" or "Down" (determined by which side the reflector is on), but cannot be flipped from "Up" to "Down" or vice versa in the field or they will not properly connect with adjoining modules.
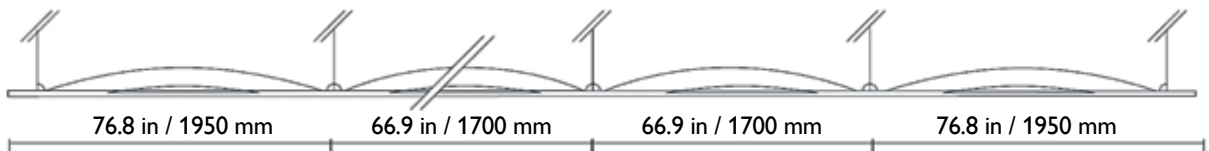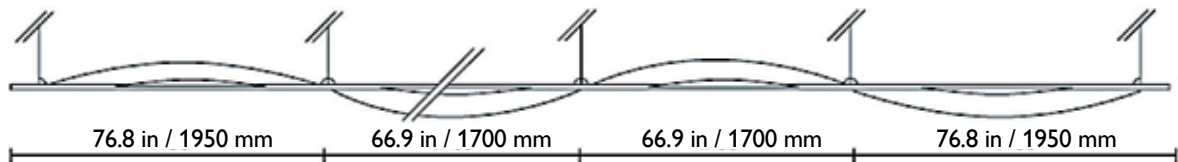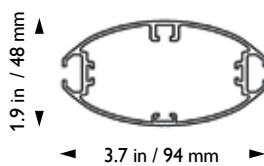
Scalloped Look:
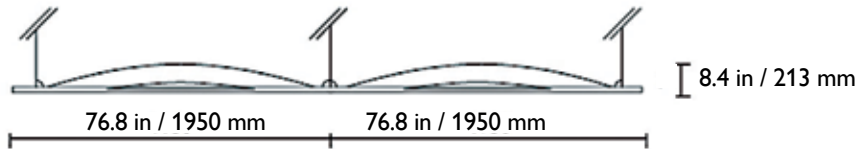
76.8 in / 1950 mm   76.8 in / 1950 mm   8.4 in / 213 mm

Sine-Wave Look:

76.8 in / 1950 mm   76.8 in / 1950 mm   8.4 in / 213 mm

Scalloped Look:

76.8 in / 1950 mm   66.9 in / 1700 mm   66.9 in / 1700 mm   76.8 in / 1950 mm

Sine-Wave Look:

76.8 in / 1950 mm   66.9 in / 1700 mm   66.9 in / 1700 mm   76.8 in / 1950 mm

Without Reflector:

1.9 in / 48 mm

3.7 in / 94 mm

With Reflector:

9.5 in / 240 mm

19.7 in / 500 mm
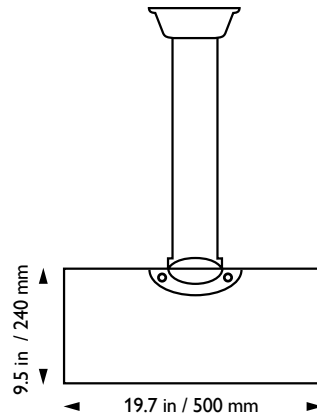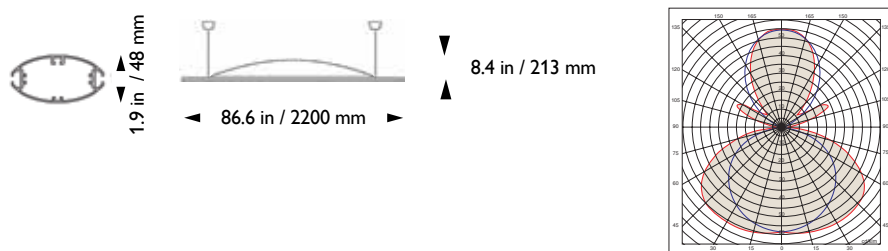
ONDA Single Modules: Extended modules of Onda for individual mounting.

F440A ONDA Single Module Upwards: Extended Module of Onda for individual mounting. Complete with end caps, suspension and feeding sets. Versions "Upwards" and "Downwards".

1.9 in / 48 mm

◄ 86.6 in / 2200 mm ►

8.4 in / 213 mm

F440C ONDA Single Module Downwards: Extended Module of Onda for individual mounting. Complete with end caps, suspension and feeding sets. Versions "Upwards" and "Downwards".

1.9 in / 48 mm

◄ 86.6 in / 2200 mm ►

8.4 in / 213 mm
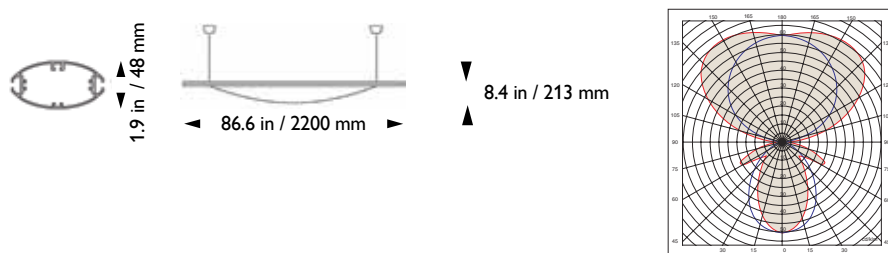
Unsure how to specify this fixture? Take advantage of our design and layout services by contacting Luxo Customer Service.

ONDA CE c(UL)us

CONFIGURATION 1

F4401	Terminal Module Upwards *(Extremity module for multiple mounting)
F4403	Terminal Module Downwards *(Extremity module for multiple mounting)
F4405	Central Module Upwards *(For multiple mounting)
F4407	Central Module Downwards *(For multiple mounting)
F440A	Single Module Upwards *(For individual mounting)
F440C	Single Module Downwards *(For individual mounting)

LAMPING

254	2x54W Fluorescent T5-HO

*Lamps included

CIRCUIT

STD	Single

BALLAST

EB	Electronic HPF <10% THD
DIM	Dimmable ballast

VOLTAGE

UNV	Universal Voltage 110V-270V
347	347 Volts

FINISH

012	White Wave And Grey Body

FACTORY OPTIONS

F44Z01	Suspension Set With Feeding Set (length 6.5 ft.)
F44Z01-12FT	Suspension Set with Feeding Set (length 12 ft.)
F44Z01-25FT	Suspension Set with Feeding Set (length 25 ft.)
F44Z03	Suspension Set (length 6.5 ft.)
F44Z03-12FT	Suspension Set (length 12 ft.)
F44Z03-25FT	Suspension Set (length 25 ft.)

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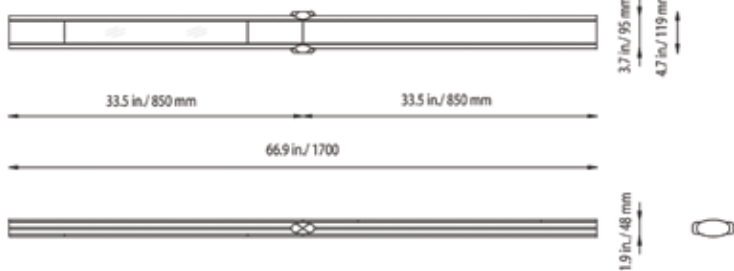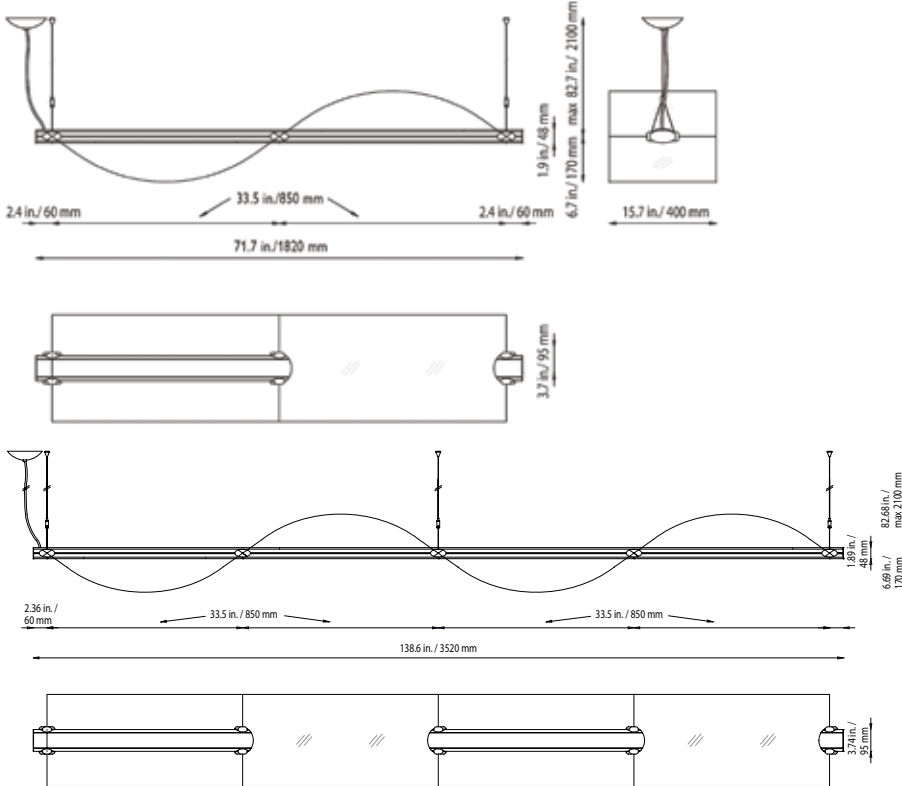
31

Ondina

Designer: Isao Hosoe

Compact version of Luxo's award-winning Onda. Modular suspension lamp which provides softly diffused undulations of glare-free ambient direct/indirect lighting in a contemporary design. Formed of an oval body in drawn aluminum for housing the electric components and lightsource, Ondina can be installed singularly or in continuous rows, suspended by adjustable steel cables.
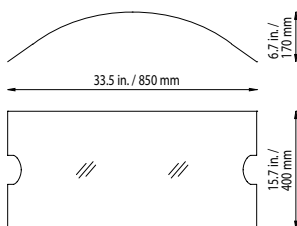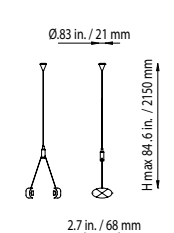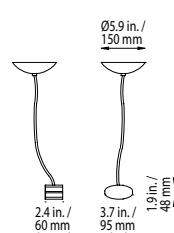
ONDINA CE c(UL)us

ONDINA MODULE

3.7 in./ 95 mm
4.7 in./ 119 mm

33.5 in./ 850 mm   33.5 in./ 850 mm

66.9 in./ 1700

1.9 in./ 48 mm

ONDINA ASSEMBLED

max 82.7 in./ 2100 mm
6.7 in./ 170 mm
1.9 in./ 48 mm

2.4 in./ 60 mm   33.5 in./850 mm   2.4 in./ 60 mm
71.7 in./1820 mm

15.7 in./ 400 mm

3.7 in./ 95 mm

82.68 in./ max 2100 mm
1.89 in./ 48 mm
6.69 in./ 170 mm

2.36 in./ 60 mm   33.5 in. / 850 mm   33.5 in. / 850 mm
138.6 in. / 3520 mm

3.74 in./ 95 mm

ACCESSORIES

6.7 in. / 170 mm
33.5 in. / 850 mm
15.7 in. / 400 mm

F450D
Satin methacrylate diffuser set

Ø.83 in. / 21 mm
H max 84.6 in. / 2150 mm
2.7 in. / 68 mm

F450S
Suspension set complete with joint/ceiling fixtures

Ø5.9 in. / 150 mm
2.4 in. / 60 mm   3.7 in. / 95 mm
1.9 in. / 48 mm

F450T
Terminal kit with feeding set/ceiling rose/power head

1.9 in. / 48 mm
2.4 in. / 60 mm   3.7 in. / 95 mm

F450V
Terminal kit

CONFIGURATION 1

F4501	Ondina Module Suspension

LAMPING

255	2x55W Fluorescent 2G11

*Lamps included

BALLAST

HF	Ballast

VOLTAGE

120	120 Volts
277	277 Volts

FINISH

012	White (WT)

FACTORY OPTIONS

F450D	Satin methacrylate diffuser set
F450S	Suspension set complete with joint/ceiling fixtures
F450T	Terminal kit with feeding set/ceiling rose/power lead
F450V	Terminal kit

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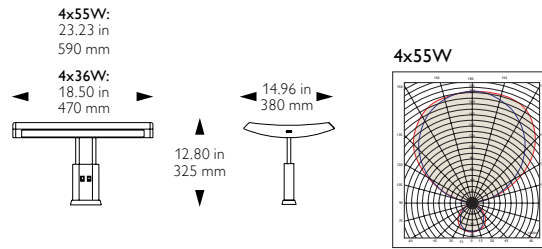
33

Silvy

A family of luminaires with direct/indirect light distribution making it a highly versatile lighting solution. Silvy's reflector is formed from an external partly micro-perforated steel sheet with polycarbonate end caps. An internal frosted polycarbonate filter controls the direct emission of light. The Silvy family consists of partition, table and floor luminaires.
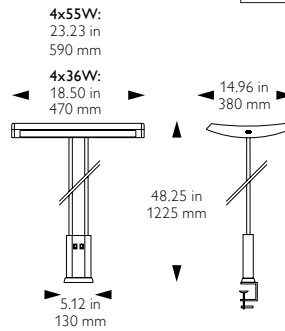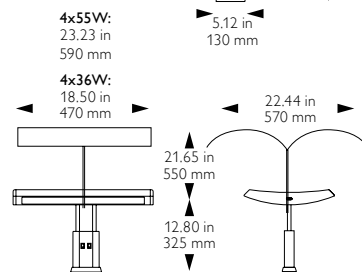
TECHNICAL INFORMATION

SILVY $\quad$ CE c(UL)us
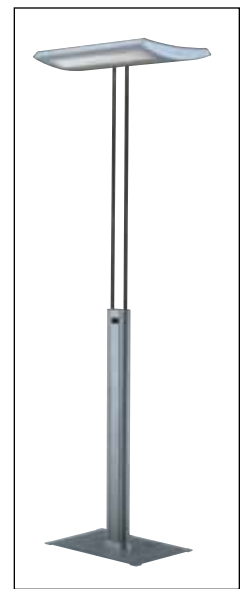
A48C-436 / A48C-455 SILVY Partition: Luminaire for Partition Walls in "open space" offices with indirect and direct light.

4x55W:
23.23 in
590 mm
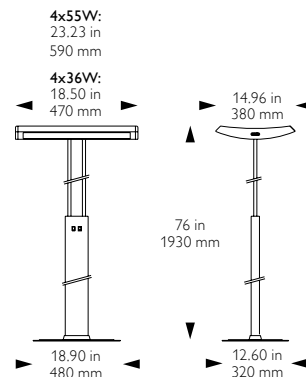
4x36W:
18.50 in
470 mm

14.96 in
380 mm

12.80 in
325 mm

4x55W

A48H-436 / A48H-455 SILVY Table Mounted: Luminaire to be mounted on the desk top.

4x55W:
23.23 in
590 mm

4x36W:
18.50 in
470 mm

14.96 in
380 mm

48.25 in
1225 mm

5.12 in
130 mm

PG SILVY Partition Pagoda: Version with upper reflector.

4x55W:
23.23 in
590 mm

4x36W:
18.50 in
470 mm

22.44 in
570 mm

21.65 in
550 mm

12.80 in
325 mm

A48A-436 / A48A-455 SILVY Floor: Floor lamps with indirect and partly direct light, with stem in extruded aluminum and chromed steel tubes. Wired for four fluorescent compact lamps.

4x55W:
23.23 in
590 mm

4x36W:
18.50 in
470 mm

14.96 in
380 mm

76 in
1930 mm

18.90 in
480 mm

12.60 in
320 mm

PG SILVY Floor Pagoda: Version with upper reflector.

4x55W:
23.23 in
590 mm

4x36W:
18.50 in
470 mm

22.44 in
570 mm

21.65 in
550 mm

76 in
1930 mm

23.62 in
600 mm

15.75 in
400 mm
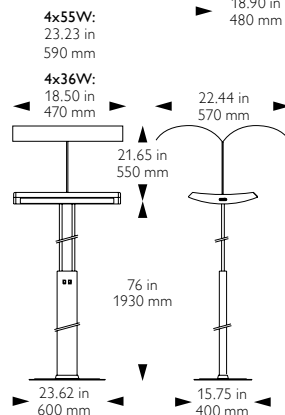
CONFIGURATION 1

A48A	Floor
A48C	Partition
A48H	Table Mount

LAMPING

436	4x36W PLL
455	4x55W PLL

*Lamps included

BALLAST

EB	Electronic HPF <10% THD

VOLTAGE

UNV	Universal Voltage 120V to 277V
347	347 Volts

FINISH

027	Grey (GY)

ACCESSORIES

F48916-36	Floor/Table Mount/Partition 36W Polycarbonate Filter
F4891-55	Floor/Table Mount/Partition 55W Polycarbonate Filter
F4891D-36	Floor/Table Mount/Partition 36W Polycarbonate Protective Shield
F4891E-55	Floor/Table Mount/Partition 55W Polycarbonate Protective Shield
PG-455	Pagoda Set *ONLY 4x55W*
PG-436	Pagoda Set *ONLY 4x36W*
F231E	Expandable Bracket, Black
F231E-012	Expandable Bracket, White
F231E-027	Expandable Bracket, Grey
37737	Partition System Bracket

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The right light

LUXO