1400 and 1800 Architectural LED luminaires

Shaper
Introducing the Shaper 1400 and 1800 series of performance pendants, architecturally inspired and affordably positioned. This pendant series features superior optical performance, as well as connection to smart building systems. With a wide range of playful finishes and decorative options, the Shaper 1400 and 1800 series gives designers limitless options that will meet any lighting requirement and budget.

Aesthetic Functionality. Aesthetic Performance.
The Shaper 1400 and 1800 Pendants

1. A light designed to hang from the ceiling that is both functional and pleasing. Sought after and used by many skilled lighting specifiers and professionals. The Shaper 1400 and 1800 series of pendants - simply, fun.

WILD  TAME

FUN. BOLD. FUNCTIONAL.
ONE FOR YOU, ONE FOR ME

Two tones of color in one fixture!

Make thousands of combinations that speak loud and boldly or with quiet confidence. Select a shade color, select a trim color, (select a cord color on the 1400), and create countless options. These choices and color combinations make the 1400 and 1800 series of performance pendants, something worth talking about!

Select from the standard RAL / Pantone paint selections...or match your own custom two tone colors. Opportunities include, but are not limited to: education facilities, corporate offices, healthcare (children’s hospitals or areas), national accounts, and many more! The applications are endless...
I WANT CANDY

A delectable assortment of colors and cords make the Shaper 1400 and 1800 a delight for the senses. For the 1400: the shade, the trim, and the color cord, can be designed to oppose or match each other. For the 1800: the shade can be different or the same as the trim. Select your favorite combination, time and time again.

10 paint colors and 2 metal finishes.

RR Real Red
OC Orange Crush
YE Yellow
AL Avocado Lime
BM Black Metal
BA Brushed Aluminum
SS Seaforse Sea
TT Total Turquoise
EB Eaton Blue
CG Charcoal Gray
WL White Light
CS Copper Spun

See specification sheets for exact RAL and Pantone color numbers for your perfect match!

Ooh Lala!
So much color!
So much fun!

14 fun and playful Color Cord Selections to mix and match.
Metal finishes make the 1400 and 1800 series of pendants have a high end feel for an affordable price. These metals can mix and match with each other or with painted trims as well.

Shaper

Match metals

Mix metals

Mix metals with paint
1400
The Little Guy
A simple and modern decorative pendant with performance optics and a multitude
of color options create thousands of looks.

The Selections

Series: Dome

CRI: 80 or 90

Lumens & Wattage: 650 to 800+ lumens & 13W

Shades, Trims & Cords

12 Shade finishes

12 Trim finishes

14 Color cords

Color Temperature: 4 CCT options

Voltage: 120V

Dimming: ELV

Mounting

Decorative Color Cord

Photometrics

1400-DOME-80-L30-120

1400-DOME-90-L35-120

Scale and Comparison

75W A-19 lamp base

Incandescent Pendant

Shaper 1400 LED
2700K/80 CRI/13W

EATON Shaper 1400 and 1800 Pendants
1800
The Big Guys
A simple and modern decorative pendant with performance optics and a multitude of color options create thousands of looks.

The Selections

Series: 1800

Shaper: Dome RLM

CRI: 80 or 90

Lumens & Wattage: 4600 to 7600+ lumens & 42W to 83W

Color Temperature: 4 CCT options

Voltage: UNV (120-277V), 347V

Dimming: 0-10V

Mounting

Aircraft Cable

Rigid Stem

Photometrics

1800-X-80-L40-4-M-UNV-STD-X


Scale and Comparison

Shades & Trims

12 Shade finishes

12 Trim finishes

Shade finishes

Trim finishes
Where modern taste meets elegant appeal, the sleek dome shape of the 1400 series can be suited for any occasion or location…. Dress your environment up or dress it down, but the 1400 is always in style.
LAY IT ALL OUT

Illuminance values for general ambient, task and vertical lighting.

Reflectance: 80/50/20
max : min
2 : 1
23 fc avg @ floor
LPW: 0.7

1.9:1 for facial modeling at seating
Recommended vertical foot-candles
1.5:1
(IESNA Table 12.6)

Reflectance: 80/50/20
max:min
1.4:1
28 fc avg @ floor
LPW: 0.5

32 fc avg @ table (2’-6” height)
Recommended task illuminance: 30fc
(IESNA Table 32.2)

Illuminance values for visual tasks and computer screens using ambient light.

Reflectance: 80/50/20
max:min
2:1
23 fc avg @ floor
LPW: 0.7

1.4:1 for facial modeling at seating
Recommended vertical foot-candles
1.5:1
(IESNA Table 12.6)

32 fc avg @ table (2’-6” height)
Recommended task illuminance: 30fc
(IESNA Table 32.2)
A CONFLUENCE OF LIGHT + TECHNOLOGY

Architecture is alive
Architectures have entered into a new era that is challenging and changing the built space. The evolution of architectural design, is taking a static building to a state of dynamic movement, response, and reaction. This is possible today, with the most sophisticated and advanced system on the market.

Using digital sensors acting as data collection points, the system provides the end user analytical information about their built space unlike ever before. This data collection can provide many layers of solutions for whatever is happening in the space.

Evolution of the built space and how we design

The new technology revolution is here. Buildings now have a pulse that can react to its inhabitants in real time, providing end user feedback on what their building is doing. End users pay for outcomes collected by devices positioned strategically, in their homes, retail, or commercial spaces. This outcome provides the services and response reactions to generate return on investment retention and monetization from the day it is installed. Whether through data collection or spatial analytics, the architectural space has now grown up.

Data is the new currency that provides end users with information about how their built space reacts to its inhabitants. End users pay for a service that tells them information about their space. Based on their interests, the App can maximize or streamline the efficiency of their space.

A few examples of the returns on investment are:

Example 1: In a retail environment, being able to track customers’ “virtual paths” is key and critical in understanding how to maximize merchandising locations and for studying traffic flow.

Example 2: Occupants of a building space have “maximized” common spaces like conference rooms or hoteling work spaces, but in reality, the spaces are not being used correctly. The building facility managers can use the LWP system to monitor the occupied to unoccupied ratio, in real time to see if these spaces are truly being used to the buildings’ designed capacity levels. Facility managers can redirect the layout to meet maximum spatial efficiency by using the data collected via the sensor system.

Example 3: Reducing expense with janitorial services that may not need to clean low traffic areas daily. By observing the daily traffic usage pattern in large spaces, the cleaning expense can be saved.

Example 4: Track high value equipment in a space. Medical equipment in hospitals are often stowed away by staff and nurses. They can spend more than an hour trying to locate high value equipment. With tracking devices attached to these high value pieces of equipment, they can now be located in real time. This translates into valuable time saved, and maximizing labor efficiency.

Example 5: Fork lifts that have a certain amount of battery life need to be re-charged, regularly. An owner can see the locations of these fork lifts, and when they are low in battery life have them sent back to their charging stations. This prevents down time and profitability loss.

LumaWatt Pro powered by Enlighted

The LumaWatt Pro sensor is incorporated into the widest offering of light fixtures on the market under the Eaton platform. The sensor sends information back to a central location that stores this activity and information, which can then be analyzed. How this information can be used is endless.

However, three market-ready solutions are available today: (Space) app - motion, frequency of occupation, and occupied or unoccupied observation through detection. (Where) app - real-time location services of monitoring objects in motion. (Aire) app - energy management system.

Space
The movement of a path that defines a space is best explained by:

“...the perceptual thread that links the spaces of a building, to any series of interior or exterior spaces, together. We move through time, through a sequence of spaces, we experience a space in relation to where we’ve been, and where we anticipate going”

- F Ching

The LWP system of Space utilization app lets you know the frequency of people’s physical locations, paths taken through a spaces, and how often the space is used.

Where
Through the advancement of using devices that can be markers placed on people, places or things, the LumaWatt Pro system enables the end user to track the physical location of that object in real time. Owners of spaces can see how high valued objects are used and where they might be at any given time. This eliminates waste of time, losing high value objects, and time spent looking for these objects. The tracking of people, places, and things can now be observed in real time with the LWP system and the Where app.

Aire
The LumaWatt Pro system can save you energy by enabling demand-driven heating or cooling. LumaWatt Pro’s Aire integrates with your building management system (BMS) by using the data collected by LumaWatt Pro’s advanced distributed sensor network and occupancy application. Are enables facility managers to direct cooling or heating in real-time to the space where occupants are working.

Visit the LumaWatt Pro pages on the Eaton website for more information.

A MOVEMENT OF DATA AND INFORMATION

Analyze: Motion...Usage...Trace

Manage: Engage the data

Track: Assets...Places...Things

Motion...Usage...Trace people’s physical locations, paths taken through a spaces, and how often the space is used, in relation to where we’ve been, and where we anticipate going. This eliminates waste of time, losing high value objects, and time spent looking for these objects. The tracking of people, places, and things can now be observed in real time with the LWP system and the Where app.
Technical specifications

1400
Small decorative performance
LED Pendant

Color Power Cord
Rigid Stem

5" diam [127mm]
5.3" [135mm]
3.38" [86mm]
40.2" [1020mm]

120" Air Craft Cable

12" Stem [300mm]

22

48" Stem
36" Stem
96" Stem

CC - Custom Color
BA - Brushed Aluminum
BM - Black Stem
WL - White Stem
RS-CL-DOME - Custom Length
RS-96-DOME - 96"Rigid Stem
RS-36-DOME - 36"Rigid Stem
RS-CL-RLM - Custom Length
RS-96-RLM - 96"Rigid Stem
RS-36-RLM - 36"Rigid Stem

1800
Large decorative performance
LED Pendant

Color Power Cord
Rigid Stem

5" diam [127mm]
5.3" [135mm]
3.38" [86mm]
40.2" [1020mm]

120" Air Craft Cable

12" Stem [300mm]

22

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36" Stem
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RS-96-RLM - 96"Rigid Stem
RS-36-RLM - 36"Rigid Stem

Technical specifications

EATON Shaper 1400 and 1800 Pendants

Series

1400

Family

Dome

CRI
80 - 80 CRI
90 - 90 CRI

Color Temperature (Lumens, CRI, wattage)
L27 - 720 lumens at 80CRI or 650 lumens at 90CRI at 2700K, 13W
L30 - 750 lumens at 80CRI or 670 lumens at 90CRI at 3000K, 13W
L35 - 780 lumens at 80CRI or 690 lumens at 90CRI at 3500K, 15W
L40 - 800 lumens at 80CRI or 710 lumens at 90CRI at 4000K, 13W

Voltage
120 - 120V

Shade Colors
SRR - Real Red
SOC - Orange Crush
SYE - Yellow
SAL - Avocado Lime
SSS - Seashell Sea

Trim Colors
TRR - Real Red
TTO - Orange Crush
TVE - Yellow
TAL - Avocado Lime
TSS - Seashell Sea

Color Cord Options
CC-119 - Pearl
CC-001 - Black
CC-029 - Gunmetal Silver
CC-030 - Red
CC-010 - Orange
CC-011 - Yellow Gold
CC-020 - Lime Green
CC-012 - Cobalt Blue
CC-015 - Custom Color
CC-016 - Purple
CC-017 - Gray Teaved
CC-018 - Black and White Zig Zag
CC-019 - Bronze Penny
CC-021 - Black and White
CC-022 - Houndstooth
CC-023 - Custom Color Cord

Rigid Stem Options
RS-36-DOME - 36"Rigid Stem
RS-48-DOME - 48"Rigid Stem
RS-96-DOME - 96"Rigid Stem
RS-CL-DOME - Custom Length
WL - White Stem
BM - Black Stem
BA - Brushed Aluminum
CC - Custom Color

120" Air Craft Cable

0.314" [8mm]
0.312" [8mm]

EATON Shaper 1400 and 1800 Pendants

Series

1800

Family

RML

Dome

CRI
80 - 80 CRI
90 - 90 CRI

Color Temperature (Lumens, CRI, wattage)
L27 - 720 lumens at 80CRI or 650 lumens at 90CRI at 2700K, 13W
L30 - 750 lumens at 80CRI or 670 lumens at 90CRI at 3000K, 13W
L35 - 780 lumens at 80CRI or 690 lumens at 90CRI at 3500K, 15W
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120 - 120V

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SOC - Orange Crush
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Trim Colors
TRR - Real Red
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Color Cord Options
CC - Custom Color
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BM - Black Stem
WL - White Stem
RS-CL-RLM - Custom Length
RS-96-RLM - 96"Rigid Stem
RS-36-RLM - 36"Rigid Stem

Rigid Stem Options
RS-36-RLM - 36"Rigid Stem
RS-48-RLM - 48"Rigid Stem
RS-CL-RLM - Custom Length
WL - White Stem
BM - Black Stem
BA - Brushed Aluminum
CC - Custom Color

Air Craft Cable Options
AC-WL - Aircraft cable with white power cord (120" field cuttable)
AC-BM - Aircraft cable with black power cord (120" field cuttable)

Rigid Stem Options
RS-36-DOME - 36"Rigid Stem
RS-48-DOME - 48"Rigid Stem
RS-96-DOME - 96"Rigid Stem
RS-CL-DOME - Custom Length
WL - White Stem
BM - Black Stem
BA - Brushed Aluminum
CC - Custom Color

Controls Option
KIT-LWTPD1 - LumaWatt Pro wireless tile mount sensor kit (0-10V)
Lighting Product Lines
- Halo
- Halo Commercial
- Portfolio
- Iris
- RSA
- Metalux
- Corelite
- Neo-Ray
- Fail-Safe
- MWS
- Ametrix
- Shaper
- io
- Lumark
- McGilloway
- Invue
- Ephesus
- Lumière
- Streetworks
- AtLite
- Sure-Lites

Controls Product Lines
- Greengate
- iLumin
- Zero 88
- Fifth Light Technology
- iLight (International Only)

Connected Lighting Systems
- LumaWatt Pro
- WaveLinx
- Distributed Low-Voltage Power
- ConnectWorks

References
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