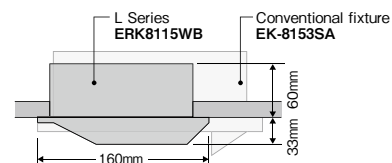


L series WALL WASHER LIGHT

Wall Washer Light



Compared with conventional 160-mm-wide Hf32W2 lamps, this fixture is 50 mm thinner, contributing to a lower-profile appearance on the ceiling. The use of a line module for the LED module results in a wider coverage and higher illuminance. In addition, the lens helps to reduce glare.

Approximate cost simulation & Brightness comparison

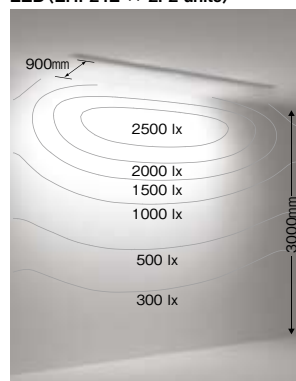
■ LHF24Lx2 VS Hf32Wx2

Conventional fixture EK-8153SA Hf32Wx2 20units	Initial cost: ¥830,000	Operating cost: ¥660,000	Maintenance cost: ¥400,000
L Series ERK8115WB LHF24Lx2 20units	Initial cost: ¥910,000	Operating cost: ¥550,000	Maintenance cost: ¥210,000

Reduction of about ¥220,000
About 12% less over a 7-year period

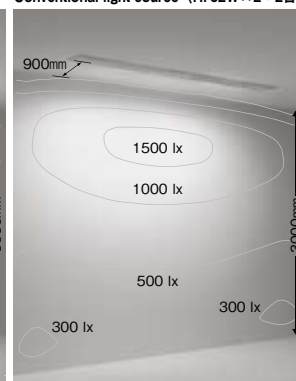
Conditions:
 ■ 20,000 hours elapsed time (10 hours/day, 300 days/yr)
 ■ Unit power cost: ¥21/kWh (Excludes basic rate.)
 ■ Maintenance cost (lamp replacement cost + lamp replacement labor cost + cost of cleaning fixtures)
 ● Labor cost of lamp replacement: ¥200/tube & fixture cleaning cost: ¥1,550/unit
 ※ Repair cost is not included in maintenance cost.
 Source of maintenance cost calculation method: Japan Luminares Association (in case of Japan)

LED (LHF24L × 2: 2 units)



ERK8115WB

Conventional light source (Hf32W × 2: 2台)



EK-8153SA

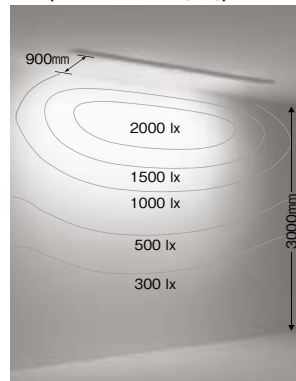
■ LHF20Lx2 VS Hf32Wx2

Conventional fixture EK-8153SA Hf32Wx2 20units	Initial cost: ¥830,000	Operating cost: ¥660,000	Maintenance cost: ¥400,000
L Series ERK8113WB LHF20Lx2 20units	Initial cost: ¥830,000	Operating cost: ¥460,000	Maintenance cost: ¥210,000

Reduction of about ¥390,000
About 21% less over a 7-year period

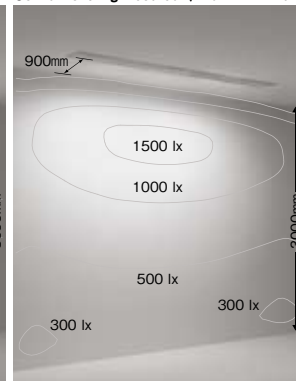
Conditions:
 ■ 20,000 hours elapsed time (10 hours/day, 300 days/yr)
 ■ Unit power cost: ¥21/kWh (Excludes basic rate.)
 ■ Maintenance cost (lamp replacement cost + lamp replacement labor cost + cost of cleaning fixtures)
 ● Labor cost of lamp replacement: ¥200/tube & fixture cleaning cost: ¥1,550/unit
 ※ Repair cost is not included in maintenance cost.
 Source of maintenance cost calculation method: Japan Luminares Association (in case of Japan)

LED (LHF24L × 2: 2 units)



ERK8113WB

Conventional light source (Hf32W × 2: 2units)



EK-8153SA

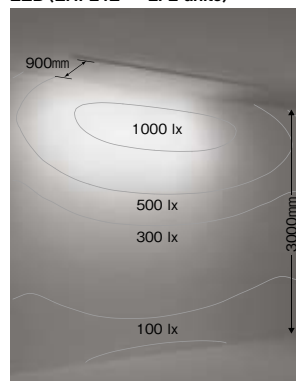
■ LHF20Lx1 VS FHF54Wx1

Conventional fixture LEK5002WA FHF54Wx1 20units	Initial cost: ¥760,000	Operating cost: ¥470,000	Maintenance cost: ¥280,000
L Series ERK8111WB LHF20Lx1 20units	Initial cost: ¥650,000	Operating cost: ¥250,000	Maintenance cost: ¥170,000

Reduction of about ¥440,000
About 29% less over a 7-year period

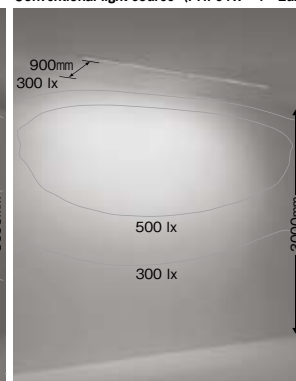
Conditions:
 ■ 20,000 hours elapsed time (10 hours/day, 300 days/yr)
 ■ Unit power cost: ¥21/kWh (Excludes basic rate.)
 ■ Maintenance cost (lamp replacement cost + lamp replacement labor cost + cost of cleaning fixtures)
 ● Labor cost of lamp replacement: ¥200/tube & fixture cleaning cost: ¥1,250/unit
 ※ Repair cost is not included in maintenance cost.
 Source of maintenance cost calculation method: Japan Luminares Association (in case of Japan)

LED (LHF24L × 2: 2 units)



ERK8111WB

Conventional light source (FHF54W × 1: 2units)



LEK5002WA

140×1235

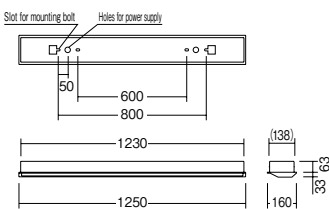
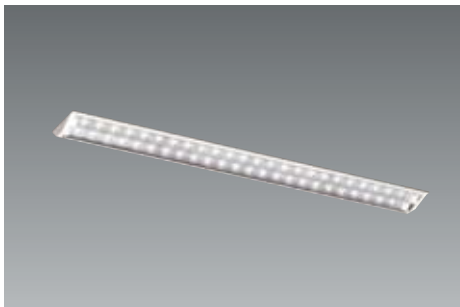
eco
Energy Efficient

Voltage range
100-242

Rated service life of
LED: 40,000 hours

Design registration pending

Patent pending



High-power Models

LHF24L×2 Ra **70**

Equivalent to FHF32W × 2 lamps (45W high output) at 80% illumination

ERK8115WB

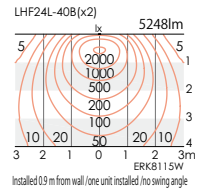
(with integrated power supply unit)

LED modules included

LHF24L-40BA×2

○ Natural white (4000K)

Power consumption: 65W



LHF20L×2 Ra **70**

Equivalent to FHF32W × 2 lamps (rated output)

ERK8113WB

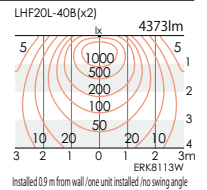
(with integrated power supply unit)

LED modules included

LHF20L-40BA×2

○ Natural white (4000K)

Power consumption: 54W



White
Weight: 5.3 kg

LED module (maintenance part, sold separately)
▶ p.384
LED modules packed separately.
Air conditioning duct avoidance type

L series WALL WASHER LIGHT Wall Washer Light Type Line Module

90×1235

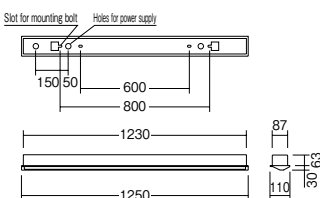
eco
Energy Efficient

Voltage range
100-242

Rated service life of
LED: 40,000 hours

Design registration pending

Patent pending



High-power Models

LHF24L×1 Ra **70**

Equivalent to FHF32W × 1 lamps (45W high output) at 80% illumination

ERK8107WB

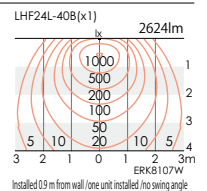
(with integrated power supply unit)

LED modules included

LHF24L-40BA×1

○ Natural white (4000K)

Power consumption : 33W



LHF20L×1 Ra **70**

Equivalent to FHF32W × 1 lamps (rated output)

ERK8111WB

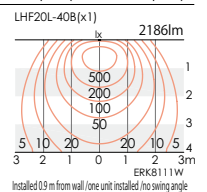
(with integrated power supply unit)

LED modules included

LHF20L-40BA×1

○ Natural white (4000K)

Power consumption: 29W

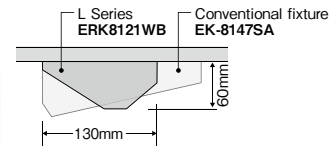


White
Weight: 4.2 kg

LED module (maintenance part, sold separately)
▶ p.384
LED modules packed separately.
Air conditioning duct avoidance type

L series WALL WASHER LIGHT

WALL WASHER LIGHT



This is a thin wall washer with a fixture height of 60 mm. It uses a line module available in two levels of brightness. It includes attractive products that provide pricing and brightness levels equivalent to those of a conventional lamp (Hf32W).

Approximate cost simulation & Brightness comparison

■ LHF24Lx2 VS Hf32Wx2

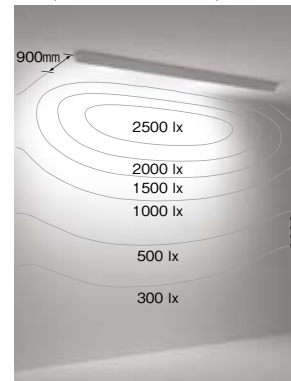
Conventional fixture EK-8147SA Hf32Wx2 20units	Initial cost ¥850,000	Operating cost ¥680,000	Maintenance cost ¥400,000
L Series ERK8121WB LHF24Lx2 20units	Initial cost ¥930,000	Operating cost ¥550,000	Maintenance cost ¥210,000

Reduction of about ¥240,000
About 12% less over a 7-year period

Conditions:

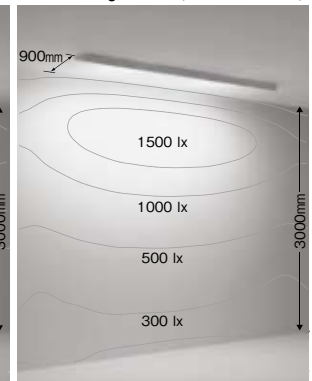
- 20,000 hours elapsed time (10 hours/day, 300 days/yr)
 - Unit power cost: ¥21/kWh (Excludes basic rate.)
 - Maintenance cost (lamp replacement cost + lamp replacement labor cost + cost of cleaning fixtures)
 - Labor cost of lamp replacement: ¥200/tube & fixture cleaning cost: ¥1,550/unit
 - ※ Repair cost is not included in maintenance cost.
- Source of maintenance cost calculation method: Japan Luminares Association (in case of Japan)

LED (LHF24L x 2 : 2units)



ERK8121WB

Conventional light source (Hf32W x 2 : 2units)



EK-8147SA

■ LHF20Lx2 VS Hf32Wx2

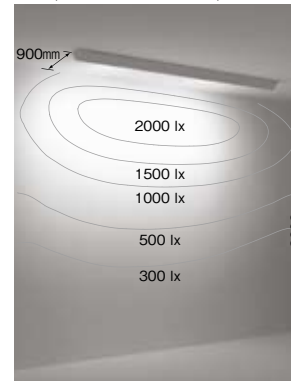
Conventional fixture EK-8147SA Hf32Wx2 20units	Initial cost ¥850,000	Operating cost ¥680,000	Maintenance cost ¥400,000
L Series ERK8119WB LHF20Lx2 20units	Initial cost ¥850,000	Operating cost ¥460,000	Maintenance cost ¥210,000

Reduction of about ¥410,000
About 21% less over a 7-year period

Conditions:

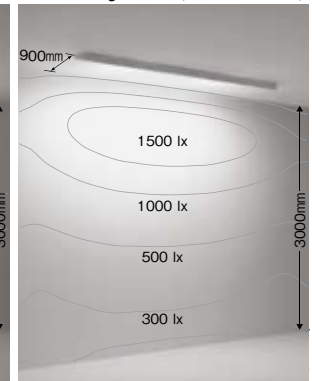
- 20,000 hours elapsed time (10 hours/day, 300 days/yr)
 - Unit power cost: ¥21/kWh (Excludes basic rate.)
 - Maintenance cost (lamp replacement cost + lamp replacement labor cost + cost of cleaning fixtures)
 - Labor cost of lamp replacement: ¥200/tube & fixture cleaning cost: ¥1,550/unit
 - ※ Repair cost is not included in maintenance cost.
- Source of maintenance cost calculation method: Japan Luminares Association (in case of Japan)

LED (LHF20L x 2 : 2units)



ERK8119WB

Conventional light source (Hf32W x 2 : 2units)



EK-8147SA

■ LHF20Lx1 VS Hf32Wx1

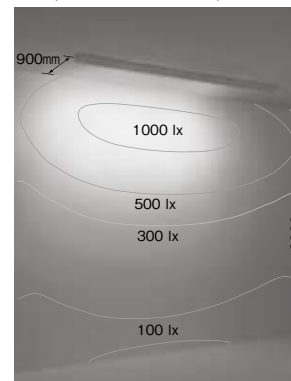
Conventional fixture EK-8149SA Hf32Wx1 20units	Initial cost ¥750,000	Operating cost ¥680,000	Maintenance cost ¥260,000
L Series ERK8117WB LHF20Lx1 20units	Initial cost ¥670,000	Operating cost ¥250,000	Maintenance cost ¥210,000

Reduction of about ¥250,000
About 18% less over a 7-year period

Conditions:

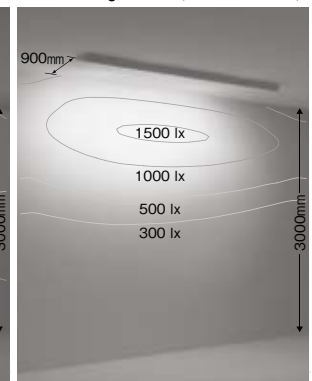
- 20,000 hours elapsed time (10 hours/day, 300 days/yr)
 - Unit power cost: ¥21/kWh (Excludes basic rate.)
 - Maintenance cost (lamp replacement cost + lamp replacement labor cost + cost of cleaning fixtures)
 - Labor cost of lamp replacement: ¥200/tube & fixture cleaning cost: ¥1,250/unit
 - ※ Repair cost is not included in maintenance cost.
- Source of maintenance cost calculation method: Japan Luminares Association (in case of Japan)

LED (LHF20L x 1 : 2units)



ERK8117WB

Conventional light source (Hf32W x 1 : 2units)



EK-8149SA

Surface-mount type

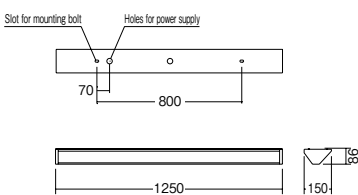
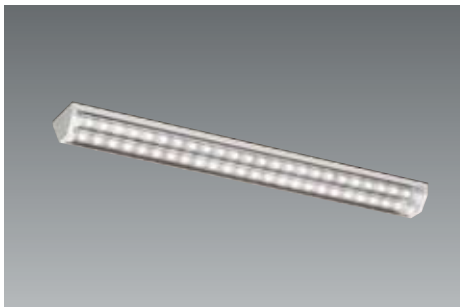
Eco
Energy Efficient

Voltage range
100-242

Rated service life of LED: 40,000 hours

Design registration pending

Patent pending



Surface-mount type

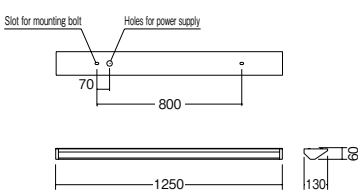
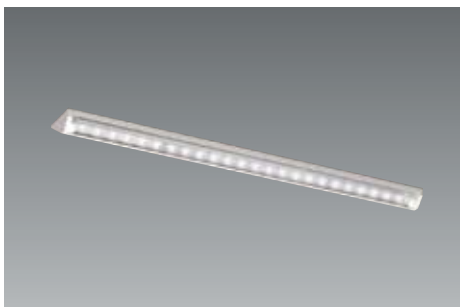
Eco
Energy Efficient

Voltage range
100-242

Rated service life of LED: 40,000 hours

Design registration pending

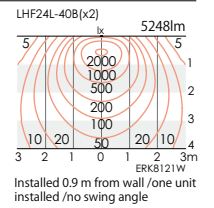
Patent pending



High-power Models

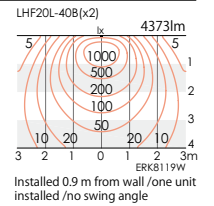
LHF24L × 2 Ra 70 Equivalent to FHF32W × 2 lamps (45W high output) at 80% illumination

ERK8121WB
(with integrated power supply unit)
LED modules included
LHF24L-40BA × 2
○ Natural white (4000K)
Power consumption at 100% illumination: 65W
At 70% illumination: 41W



LHF20L × 2 Ra 70 Equivalent to FHF32W × 2 lamps (rated output)

ERK8119WB
(with integrated power supply unit)
LED modules included
LHF20L-40BA × 2
○ Natural white (4000K)
Power consumption at 100% illumination: 54W
At 70% illumination: 34W



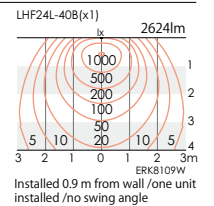
White
Weight: 5.8 kg

LED module (maintenance part, sold separately) ▶ [p.384](#)
LED modules packed separately.
Air conditioning duct avoidance type

High-power Models

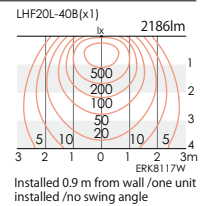
LHF24L × 1 Ra 70 Equivalent to FHF32W × 1 lamps (45W high output) at 80% illumination

ERK8109WB
(with integrated power supply unit)
LED modules included
LHF24L-40BA × 1
○ Natural white (4000K)
Power consumption at 100% illumination: 33W
At 70% illumination: 20.8W



LHF20L × 1 Ra 70 Equivalent to FHF32W × 1 lamps (rated output)

ERK8117WB
(with integrated power supply unit)
LED modules included
LHF20L-40BA × 1
○ Natural white (4000K)
Power consumption at 100% illumination: 29W
At 70% illumination: 18.3W



White Weight: 3.7 kg

LED module (maintenance part, sold separately) ▶ [p.384](#)
LED modules packed separately.
Air conditioning duct avoidance type

Ito-Yokado
Food floor of Asagaya store
Construction: Ito-Yokado Co., Ltd.
Electrical work: Susumu
Densetsu Co., Ltd.

