

LS 352

TAKTON



Benefits:

- Suit for offices.
- Very low glare effect.
- Aesthetic minimalistic modern design.
- Smooth die-casted end caps without visible screws.
- Possible to be in different colors.
- Different length on demand
- Hight efficacy.
- Tunable white version available.
- High quality components, all made in Europe.
- Easy installation.



TYPE

Product type:
LS352

ELECTRICAL PARAMETERS

Driver efficiency nominal:

up to 0.92

Driver failure ratio:

< 10% at 100000 hours depends on type

Driver type:

Built in PHILIPS Xitanium driver

Electrical isolation class IEC:

Safety class II as a standard, I on request

Input Frequency:

50-60 Hz

LED current ripple %:

< 4

Mains voltage index:

230 – 240 V / 50 – 60 Hz

Nominal input voltage range:

202...254 or 198...264, depends on type

Power factor nominal:

up to 0.98

Power range:

18-35 W as a standard

Control mehtod

On/Off version, DALI, Casambi.

Quantity on MCB16A

? 33 pcs

LIGHTING PERFORMANCE

CCT:

3000K, 4000K, 2700-6500K

Color rendering index, CRI:

80 as a standard, 90 on request

Initial color shift, SDCM:

< 3

Light distribution:

60 dgr, symmetric as a standard.

Light source:

Modules with OSRAM high efficacy LED chips

LOR:

up to 0.87-0.93

Luminaire lumen output range, lm:

2500-5000 lm depending on type

Photobiological safety:

RG1

Type of optic:

- Low ageing PMMA LEDIL lenses,
- DARKPOINT optics: reflector with a black or silver, specular, glare-reducing baffle

CONSTRUCTION AND MATERIALS

Housing colour:

- Dark grey or White as standard.
- All other colors possible on request

Housing material:

Housing: aluminum profile with die casting end caps

Impact resistance:

IK05

Ingress protection:

IP40

Installation options:

- Suspended
- Surface mounted
- In track

Optical cover:

PMMA

Dimensions

- Length 1130mm as a standard.
- Length 850mm, 1400mm on demand.

OPERATION AND MAINTENANCE

Electrical connection:

3m 2x0.75 wire as standard

Maintenance:

Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only

Maintenance of lumen output:

100000 hours – L90B10

Operating temperature range:

-20...+40 C, typical for exact values

Application:

- Offices
- Meeting rooms
- Schools
- Public spaces
- Retail
- Hotels and residences

MARKING AND APPROVALS

CE mark:

CE marked

ROHS mark:

ROHS complaint

PRODUCT FAMILY RANGE

Code	Description	Light output, L	Power W	Efficacy Lm/W	CCT,K	CRI
700155850010	LS352 LED4600Lm 35W I 830 WB L1130 ALU Wh/DARK	4600	35	131	3000	80
700155850011	LS352 LED3600Lm 35W I 927 WB L1130 ALU Wh/DARK	3600	35	103	2700	90
700155850012	LS352 LED3800Lm 35W I 930 WB L1130 ALU Wh/DARK	3800	35	109	3000	90
700155850020	LS352 LED4900Lm 35W I 840 WB L1130 ALU Wh/DARK	4900	35	140	4000	80
700155850021	LS352 LED4200Lm 35W I 940 WB L1130 ALU Wh/DARK	4200	35	120	4000	90
700155850030	LS352 LED2700LM 35W I 827-865 WB L1130 ALU Wh/DARK	2700	35	77	2700-6500	80

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700155850040	LS352 LED4600Lm 35W I 830 WB DALI L1130 ALU Wh/DARK	4600	35	131	3000	80
700155850041	LS352 LED3600Lm 35W I 927 WB DALI L1130 ALU Wh/DARK	3600	35	103	2700	90
700155850042	LS352 LED3800Lm 35W I 930 WB DALI L1130 ALU Wh/DARK	3800	35	109	3000	90
700155850050	LS352 LED4900Lm 35W I 840 WB DALI L1130 ALU Wh/DARK	4900	35	140	4000	80
700155850051	LS352 LED4200Lm 35W I 940 WB DALI L1130 ALU Wh/DARK	4200	35	120	4000	90
700155850110	LS352 LED4800Lm 35W I 830 WB L1130 ALU Wh/Chrom	4800	35	137	3000	80
700155850111	LS352 LED3800Lm 35W I 927 WB L1130 ALU Wh/Chrom	3800	35	109	2700	90
700155850112	LS352 LED4000Lm 35W I 930 WB L1130 ALU Wh/Chrom	4000	35	114	3000	90
700155850120	LS352 LED5000Lm 35W I 840 WB L1130 ALU Wh/Chrom	5000	35	143	4000	80
700155850121	LS352 LED4300Lm 35W I 940 WB L1130 ALU Wh/Chrom	4300	35	123	4000	90
700155850130	LS352 LED2800Lm 35W I 827-865 WB L1130 ALU Wh/Crom	2800	35	80	2700-6500	90
700155850140	LS352 LED4800Lm 35W I 830 WB DALI L1130 ALU Wh/Crom	4800	35	137	3000	80
700155850141	LS352 LED3800Lm 35W I 927 WB DALI L1130 ALU Wh/Crom	3800	35	109	2700	80
700155850142	LS352 LED4000Lm 35W I 930 WB DALI L1130 ALU Wh/Crom	4000	35	114	3000	90
700155850150	LS352 LED5000Lm 35W I 840 WB DALI L1130 ALU Wh/Crom	5000	35	143	4000	80
700155850151	LS352 LED4300Lm 35W I 940 WB DALI L1130 ALU Wh/Crom	4300	35	123	4000	90

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700155852010	LS352 LED4600Lm 35W I 830 WB L1130 ALU Grey/DARK	4600	35	131	3000	80
700155852011	LS352 LED3600Lm 35W I 927 WB L1130 ALU Grey/DARK	3600	35	103	2700	90
700155852012	LS352 LED3800Lm 35W I 930 WB L1130 ALU Grey/DARK	3800	35	109	3000	90
700155852020	LS352 LED4900Lm 35W I 840 WB L1130 ALU Grey /DARK	4900	35	140	4000	80
700155852021	LS352 LED4200Lm 35W I 940 WB L1130 ALU Grey /DARK	4200	35	120	4000	90
700155852030	LS352 LED2700Lm 35W I 827-865 WB L1130 ALU Grey/DARK	2700	35	77	2700-6500	80
700155852040	LS352 LED4600Lm 35W I 830 WB DALI L1130 ALU Grey/DARK	4600	35	131	3000	80
700155852041	LS352 LED3600Lm 35W I 927 WB DALI L1130 ALU Grey/DARK	3600	35	103	2700	90
700155852042	LS352 LED3800Lm 35W I 930 WB DALI L1130 ALU Grey/DARK	3800	35	109	3000	90
700155852050	LS352 LED4900Lm 35W I 840 WB DALI L1130 ALU Grey/DARK	4900	35	140	4000	80
700155852051	LS352 LED4200Lm 35W I 940 WB DALI L1130 ALU Grey/DARK	4200	35	120	4000	90
700155852110	LS352 LED4800Lm 35W I 830 WB L1130 ALU Grey/Chrom	4800	35	137	3000	80
700155852111	LS352 LED3800Lm 35W I 927 WB L1130 ALU Grey/Chrom	3800	35	109	2700	90
700155852112	LS352 LED4000Lm 35W I 930 WB L1130 ALU Grey/Chrom	4000	35	114	3000	90

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700155852120	LS352 LED5000Lm 35W I 840 WB L1130 ALU Grey/Chrom	5000	35	143	4000	80
700155852121	LS352 LED4300Lm 35W I 940 WB L1130 ALU Grey/Chrom	4300	35	123	4000	90
700155852130	LS352 LED2800Lm 35W I 827-865 WB L1130 ALU Grey/Chrom	2800	35	80	2700-6500	80
700155852140	LS352 LED4800Lm 35W I 830 WB DALI L1130 ALU Grey/Chrom	4800	35	137	3000	80
700155852141	LS352 LED3800Lm 35W I 927 WB DALI L1130 ALU Grey/Chrom	3800	35	109	2700	90
700155852142	LS352 LED4000Lm 35W I 930 WB DALI L1130 ALU Grey/Chrom	4000	35	114	3000	90
700155852150	LS352 LED5000Lm 35W I 840 WB DALI L1130 ALU Grey/Chrom	5000	35	143	4000	80
700155852151	LS352 LED4300Lm 35W I 940 WB DALI L1130 ALU Grey/Chrom	4300	35	123	4000	90
700155851010	LS352 LED2300Lm 18W I 830 WB L1130 ALU Grey/DARK	2300	18	128	3000	80
700155851011	LS352 LED1800Lm 18W I 927 WB L1130 ALU Grey/DARK	1800	18	100	2700	90
700155851012	LS352 LED1900Lm 18W I 930 WB L1130 ALU Grey/DARK	1900	18	106	3000	90
700155851020	LS352 LED2400Lm 18W I 840 WB L1130 ALU Grey /DARK	2400	18	133	4000	80
700155851021	LS352 LED2100Lm 18W I 940 WB L1130 ALU Grey /DARK	2100	18	117	4000	90
700155851030	LS352 LED1300Lm 18W I 827-865 WB L1130 ALU Grey/DARK	1300	18	72	2700-6500	80

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700155851040	LS352 LED2400Lm 18W I 830 WB L1130 ALU Grey/Chrom	2400	18	133	3000	80
700155851041	LS352 LED1900Lm 18W I 927 WB L1130 ALU Grey/Chrom	1900	18	106	2700	90
700155851042	LS352 LED2000Lm 18W I 930 WB L1130 ALU Grey/Chrom	2000	18	111	3000	90
700155851050	LS352 LED2500Lm 18W I 840 WB L1130 ALU Grey/Chrom	2500	18	139	4000	80
700155851051	LS352 LED2200Lm 18W I 940 WB L1130 ALU Grey/Chrom	2200	18	122	4000	90
700155851110	LS352 LED1400Lm 18W I 827-865 WB L1130 ALU Grey/Crom	1400	18	78	2700-6500	80
700155851111	LS352 LED2300Lm 18W I 830 WB L1130 ALU White/DARK	2300	18	128	3000	80
700155851112	LS352 LED1800Lm 18W I 927 WB L1130 ALU White/DARK	1800	18	100	2700	90
700155851120	LS352 LED1900Lm 18W I 930 WB L1130 ALU White/DARK	1900	18	106	3000	90
700155851121	LS352 LED2400Lm 18W I 840 WB L1130 ALU White/DARK	2400	18	133	4000	80
700155851130	LS352 LED2100Lm 18W I 940 WB L1130 ALU White/DARK	2100	18	117	4000	90
700155851140	LS352 LED1300Lm 18W I 827-865 WB L1130 ALU White/DARK	1300	18	72	2700-6500	80
700155851141	LS352 LED2400Lm 18W I 830 WB L1130 ALU White/Chrom	2400	18	133	3000	80
700155851142	LS352 LED1900Lm 18W I 927 WB L1130 ALU White/Chrom	1900	18	106	2700	90
700155851150	LS352 LED2000Lm 18W I 930 WB L1130 ALU White/Chrom	2000	18	111	3000	90

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700155851151	LS352 LED2500Lm 18W I 840 WB L1130 ALU White/Chrom	2500	18	139	4000	80
700155851152	LS352 LED2200Lm 18W I 940 WB L1130 ALU White/Chrom	2200	18	122	4000	90
700155851153	LS352 LED1400Lm 18W I 827-865 WB L1130 ALU White/Crom	1400	18	78	2700-6500	80