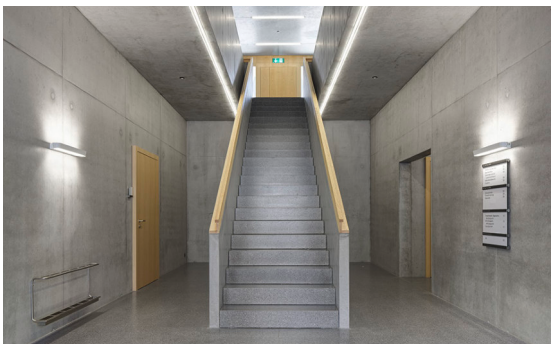


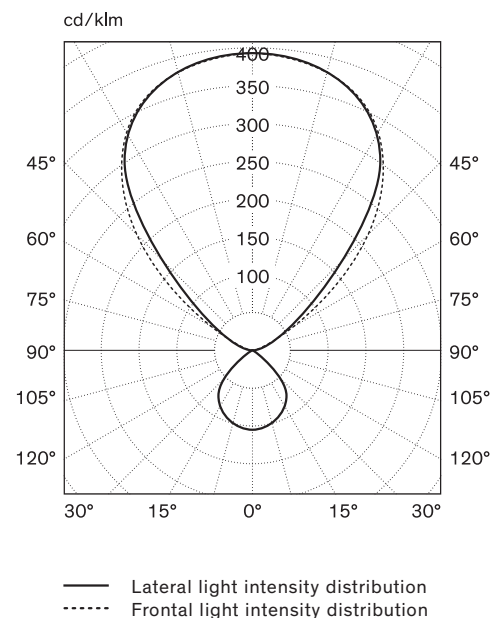


Models	Nr. 41010 4 20 Nr. 41010 3 20	
Dimensions	H	52 mm
	W	112 mm
	L	463 mm



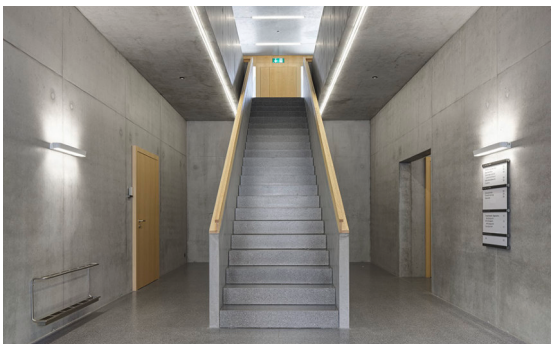
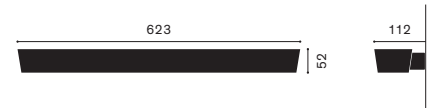
Contents	LED
Controller	Premium converter
Power requirements	220–240 V, 50–60 Hz
Power input	20 W
Standby	< 0.5 W
Light distribution	20% direct, 80% indirect
Energy class lamp	A+
Luminous efficiency	2352 lm
Colour rendition index	CRI Ra > 83
Light colour	Neutral white 4000 K, Nr. 41010 4 20 Warm white 3000 K, Nr. 41010 3 20
Glare suppression	Structured acrylic glass, UGR < 20
Operation	DALI
Materials	Lampshade and wallcase in steel, white powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 2.1 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– Two mounting points for orientation – LED modules according to Zhaga standards (3000 K ca. 5 lm/W less than 4000 K)
Note	

Light intensity distribution



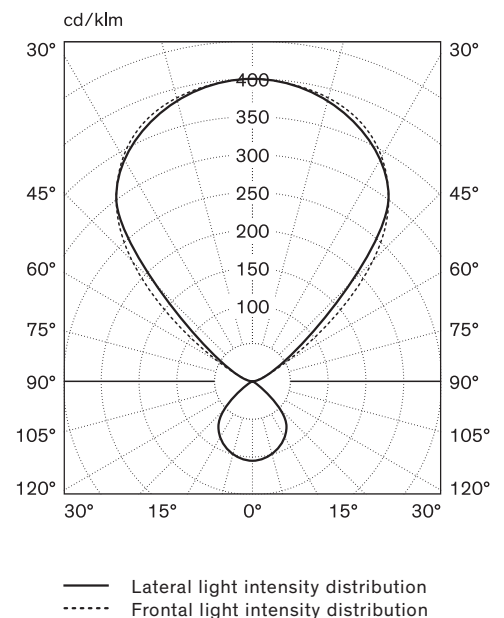


Models	Nr. 42010 4 35 Nr. 42010 3 35
Dimensions	H 52 mm W 112 mm L 623 mm



Contents	LED
Controller	Premium converter
Power requirements	220–240 V, 50–60 Hz
Power input	37 W
Standby	< 0.5 W
Light distribution	20% direct, 80% indirect
Energy class lamp	A++
Luminous efficiency	4617 lm
Colour rendition index	CRI Ra > 83
Light colour	Neutral white 4000 K, Nr. 42010 4 35 Warm white 3000 K, Nr. 42010 3 35
Glare suppression	Structured acrylic glass, UGR < 20
Operation	DALI
Materials	Lampshade and wallcase in steel, white powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 3.4 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– Two mounting points for orientation – LED modules according to Zhaga standards (3000 K ca. 5 lm/W less than 4000 K)
Note	

Light intensity distribution



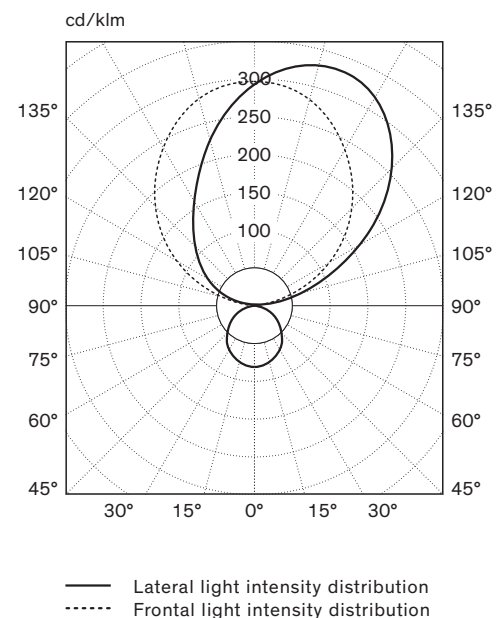


Model	Nr. 51210 4 48	
	Nr. 51210 3 48	
Dimensions	H	52 mm
	W	126 mm
	L	932 mm



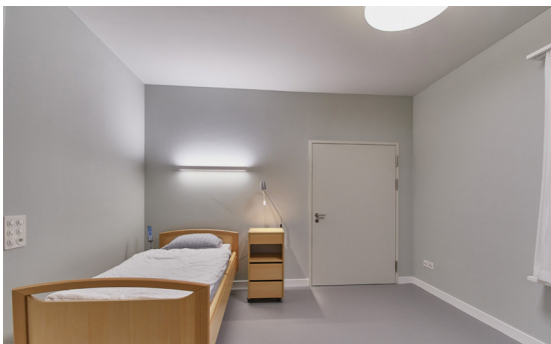
Contents	LED
Controller	Premium converter
Power requirements	220–240 V, 50 Hz
Power input	46 W
Standby	0.5 W
Light distribution	23% direct, 77% indirect
Energy class lamp	A+
Luminous efficiency	5027 lm
Colour rendition index	CRI Ra > 81
Light colour	Neutral white 4000 K (Nr. 51210 4 48) Warm white 3000 K (Nr. 51210 3 48)
Glare suppression	Opal panel indirect, de-glaring prism with opal film, UGR < 16
Operation	DALI direct and indirect light can be individually switched and dimmed
Materials	Lampshade in steel, white powder-coated
Cover of illuminant	Acrylic glass
Wallcase	Contains driver
Weight	ca. 4.4 kg
Protection rating	IP 43
Test marks	ENEC TÜV SÜD, CE, ROHS, EN 60598-2-25
Warranty	2 years, 5 years on LED and converter
Particularities	– LED modules according to Zhaga standards – Optional with night light 2 W
Note	(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution



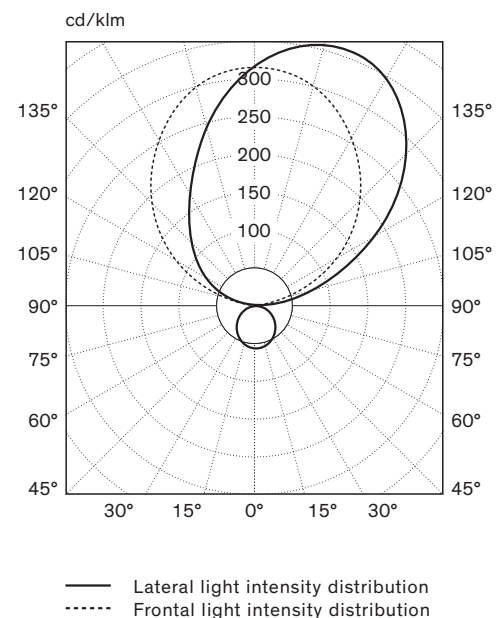


Model	Nr. 51210 4 78	
	Nr. 51210 3 78	
Dimensions	H	52 mm
	W	126 mm
	L	932 mm



Contents	LED
Controller	Premium converter
Power requirements	220–240 V, 50 Hz
Power input	68 W
Standby	0.5 W
Light distribution	16% direct, 84% indirect
Energy class lamp	A+
Luminous efficiency	7108 lm
Colour rendition index	CRI Ra > 81
Light colour	Neutral white 4000 K (Nr. 51210 4 78) Warm white 3000 K (Nr. 51210 3 78)
Glare suppression	Opal panel indirect, de-glaring prism with opal film, UGR < 14
Operation	DALI direct and indirect light can be individually switched and dimmed, AC night light on-off
Materials	Lampshade in steel, white powder-coated
Cover of illuminant	Acrylic glass
Wallcase	Contains driver
Weight	ca. 4.4 kg
Protection rating	IP 43
Test marks	ENEC TÜV SÜD, CE, ROHS, EN 60598-2-25
Warranty	2 years, 5 years on LED and converter
Particularities	– LED modules according to Zhaga standards – Optional with night light 2 W
Note	(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution



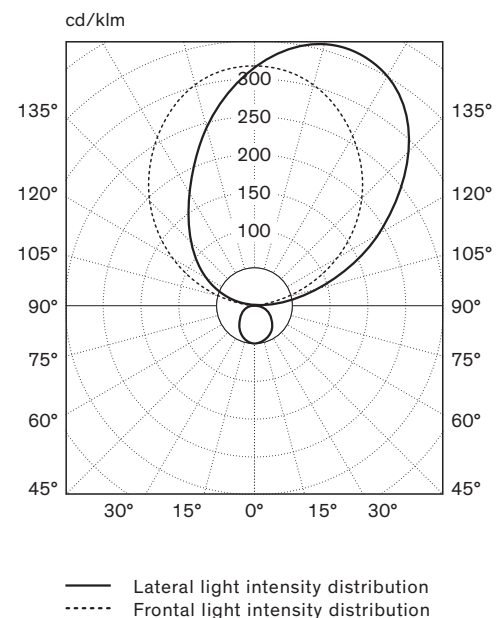


Model	Nr. 52210 4 96	
	Nr. 52210 3 96	
Dimensions	H	52 mm
	B	126 mm
	L	1214 mm



Contents	LED
Controller	Premium converter
Power requirements	220–240 V, 50 Hz
Power input	108 W
Standby	0.5 W
Light distribution	14% direct, 86% indirect
Energy class lamp	A+
Luminous efficiency	10519 lm
Colour rendition index	CRI Ra > 83
Light colour	Neutral white 4000 K (Nr. 52210 4 96) Warm white 3000 K (Nr. 52210 3 96)
Glare suppression	Opal panel indirect, de-glaring prism with opal film, UGR < 15
Operation	DALI direct and indirect light can be individually switched and dimmed
Materials	Lampshade in steel, white powder-coated
Cover of illuminant	Acrylic glass
Wallcase	Contains driver
Weight	ca. 5.5 kg
Protection rating	IP 43
Test marks	ENEC TÜV SÜD, CE, ROHS, EN 60598-2-25
Warranty	2 years, 5 years on LED and converter
Particularities	– LED modules according to Zhaga standards – Optional with night light 2 W
Note	(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution





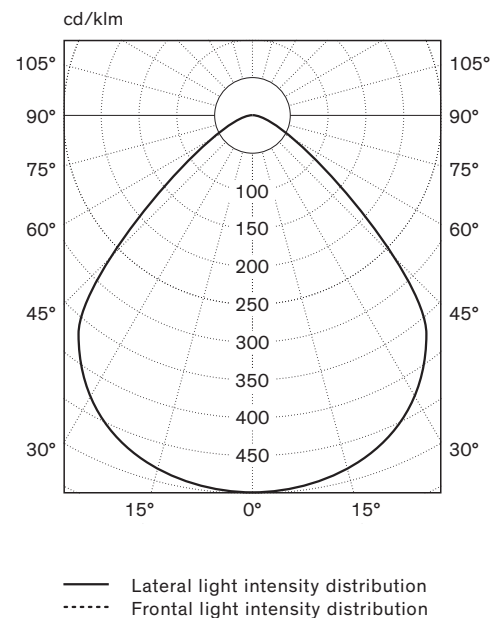
Models Nr. 46710 4 30
Nr. 46710 3 30

Dimensions Ø 300 mm
H 57 mm



Contents	LED
Controller	ECO converter
Power requirements	220–240 V, 50 Hz
Power input	34 W
Standby	0.5 W
Light distribution	100% direct
Energy class lamp	A
Luminous efficiency	2606 lm
Colour rendition index	CRI Ra > 83
Light colour	Neutral white 4000 K, Nr. 46710 4 30 Warm white 3000 K, Nr. 46710 3 30 Structured acrylic glass, UGR < 20
Glare suppression	
Operation	DALI directly dimmable
Materials	Lampshade in steel, powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 1.9 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– LED modules according to Zhaga standards – Optionally with daylight sensor and presence detector
Note	(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution





Models Nr. 47710 4 35
Nr. 47710 3 35

Dimensions Ø 396 mm
H 57 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression

Operation

Materials
Cover of illuminant
Wallcase
Weight

Protection rating
Test marks
Warranty

Particularities

Note

LED

ECO converter
220–240 V, 50 Hz
32 W
0.5 W
100% direct

A+
3168 lm
CRI Ra > 83
Neutral white 4000 K, Nr. 47710 4 35
Warm white 3000 K, Nr. 47710 3 35
Structured acrylic glass, UGR < 20

DALI directly dimmable

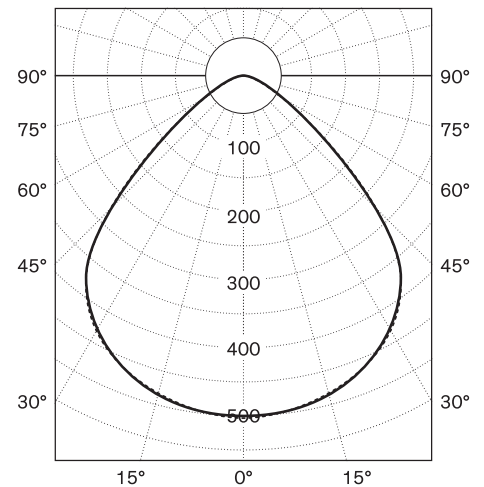
Lampshade in steel, powder-coated
Structured acrylic glass
Contains driver
ca. 2.8 kg

IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

– LED modules according to Zhaga standards
– Optionally with daylight sensor and presence detector
(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution

cd/klm



— Lateral light intensity distribution
..... Frontal light intensity distribution



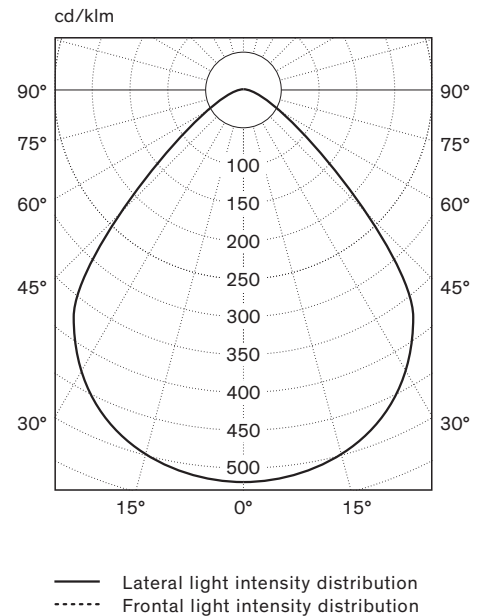
Models Nr. 50710 4 40
Nr. 50710 3 40

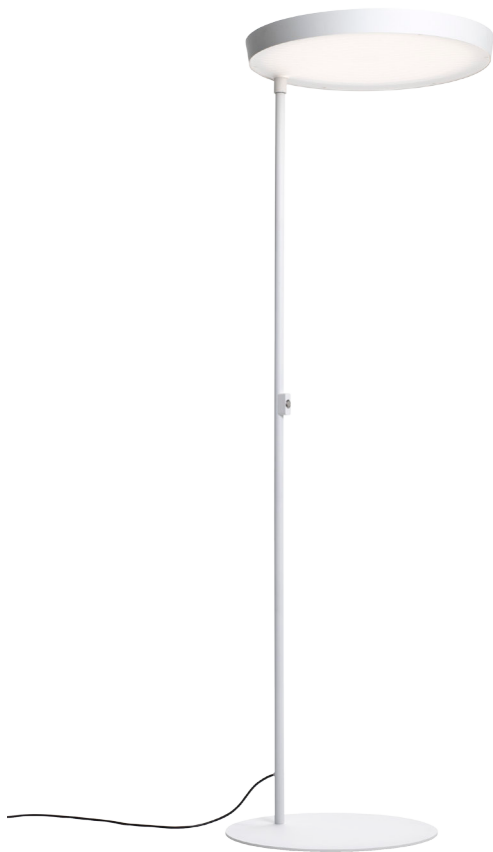
Dimensions Ø 598 mm
H 57 mm



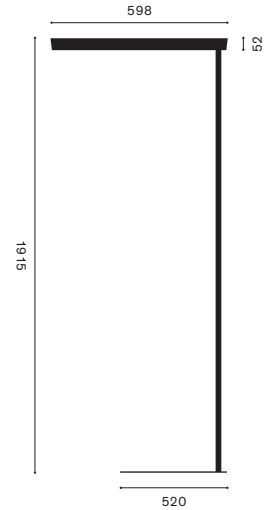
Contents	LED
Controller	ECO converter
Power requirements	220–240 V, 50 Hz
Power input	44 W
Standby	0.5 W
Light distribution	100% direct
Energy class lamp	A+
Luminous efficiency	4492 lm
Colour rendition index	CRI Ra > 87
Light colour	Neutral white 4000 K, Nr. 50710 4 40 Warm white 3000 K, Nr. 50710 3 40
Glare suppression	Structured acrylic glass, UGR < 18
Operation	DALI directly dimmable
Materials	Lampshade in steel, powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 6.5 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– LED modules according to Zhaga standards – Optionally with daylight sensor and presence detector
Note	(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution





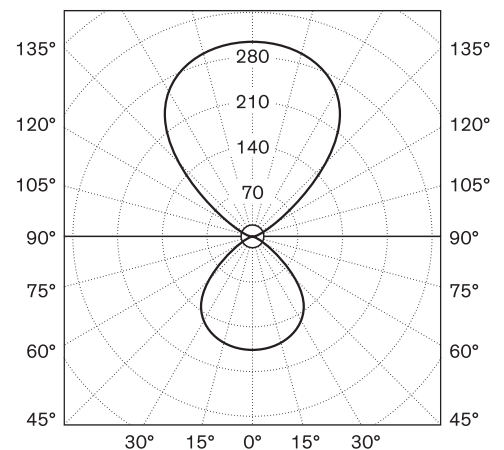
Models	Nr. 506 11 4 95 Nr. 506 11 3 95
Dimensions	Ø 598 mm H 1915 mm



Contents	LED
Controller	Premium converter
Power requirements	220–240 V, 50 Hz
Power input	115 W
Standby	0.5 W
Light distribution	40% direct, 60% indirect
Energy class lamp	A+
Luminous efficiency	14435 lm
Colour rendition index	CRI Ra > 93
Light colour	Neutral white 4000 K, Nr. 506 11 4 95 Warm white 3000 K, Nr. 506 11 3 95
Glare suppression	Structured acrylic glass, UGR < 15
Operation	Can be dimmed by a key button or DALI
Materials	Tube, floor plate and lampshade in steel, powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 19.5 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– eccentric position of the lamp tube – optional with a motion and daylight sensor
Note	(3000 K ca. 5 lm/W less than 4000 K)

Example of light intensity distribution

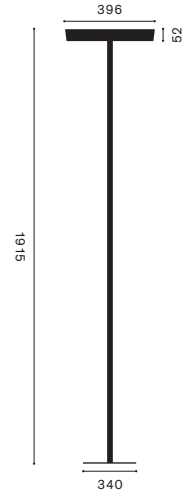
cd/klm



— Lateral light intensity distribution
- - - Frontal light intensity distribution

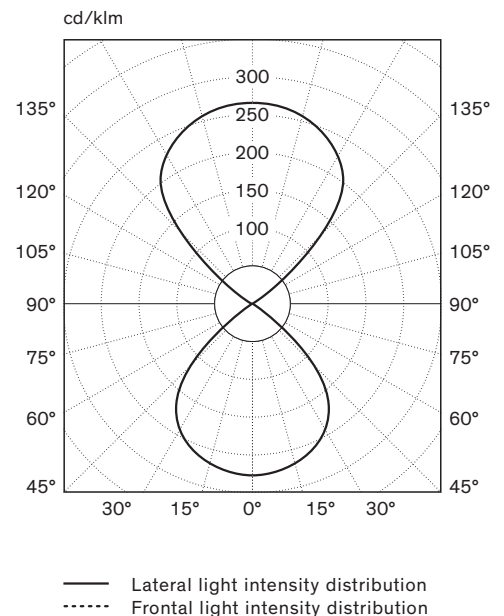


Models	Nr. 47011 4 30 Nr. 47011 3 30
Dimensions	Ø 396 mm H 1915 mm



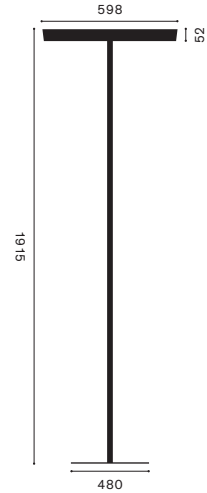
Contents	LED
Controller	ECO converter
Power requirements	220–240 V, 50 Hz
Power input	34 W
Standby	0.5 W
Light distribution	49% direct, 51% indirect
Energy class lamp	A++
Luminous efficiency	4366 lm
Colour rendition index	CRI Ra > 82
Light colour	Neutral white 4000 K, Nr. 47011 4 30 Warm white 3000 K, Nr. 47011 3 30
Glare suppression	Structured acrylic glass, UGR < 14
Operation	Can be dimmed by a key button
Materials	Tube, floor plate and lampshade in steel, powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 11.7 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– Optional with a motion and daylight sensor
Note	(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution





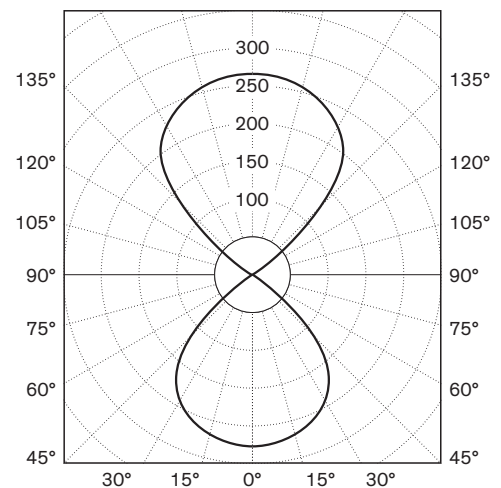
Models	Nr. 50011 4 85 Nr. 50011 3 85
Dimensions	Ø 598 mm H 1915 mm



Contents	LED
Controller	Premium converter
Power requirements	220–240 V, 50 Hz
Power input	88 W
Standby	0.5 W
Light distribution	46% direct, 54% indirect
Energy class lamp	A+
Luminous efficiency	10237 lm
Colour rendition index	CRI Ra > 87
Light colour	Neutral white 4000 K, Nr. 50011 4 85 Warm white 3000 K, Nr. 50011 3 85
Glare suppression	Structured acrylic glass, UGR < 15
Operation	Can be dimmed by a key button or DALI
Materials	Tube, floor plate and lampshade in steel, powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 19.5 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– Optional with a motion and daylight sensor
Note	(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution

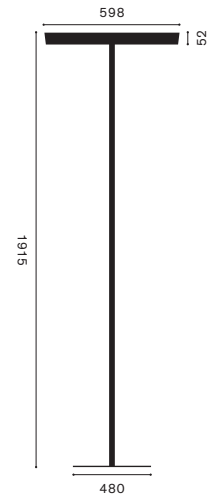
cd/klm



— Lateral light intensity distribution
- - - Frontal light intensity distribution

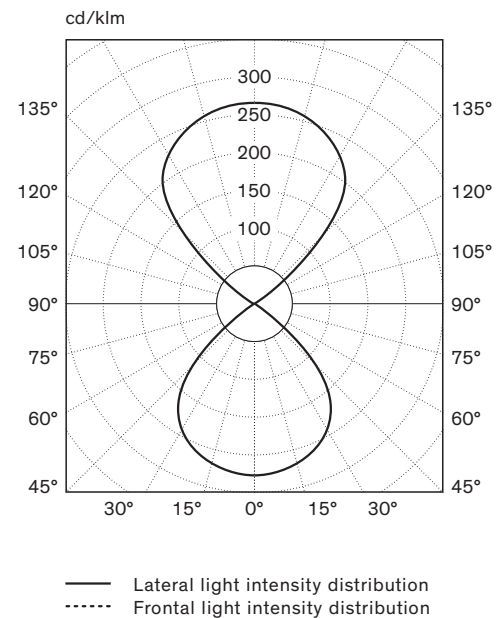


Models	Nr. 50011 4 85 Nr. 50011 3 85
Dimensions	Ø 598 mm H 1915 mm



Contents	LED
Controller	Premium converter
Power requirements	220–240 V, 50 Hz
Power input	88 W
Standby	0.5 W
Light distribution	46% direct, 54% indirect
Energy class lamp	A+
Luminous efficiency	10237 lm
Colour rendition index	CRI Ra > 87
Light colour	Neutral white 4000 K, Nr. 50011 4 85 Warm white 3000 K, Nr. 50011 3 85
Glare suppression	Structured acrylic glass, UGR < 15
Operation	Can be dimmed by a key button or DALI
Materials	Chrome-plated tube, button, cross-base and lamp head in steel, and black powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 19.5 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– Optional with a motion and daylight sensor
Note	(3000 K ca. 5 lm/W less than 4000 K)

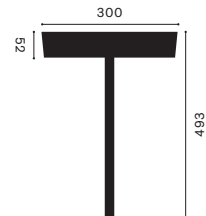
Light intensity distribution





Model
Nr. 46010 4 20
Nr. 46010 3 20

Dimensions
Ø 300 mm
H 493 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression

Operation

Materials

Cover of illuminant
Wallcase
Weight

Protection rating

Test marks

Warranty

Particularities

Note

LED

ECO converter
220–240 V, 50 Hz
23 W
0.5 W
51% direct, 49% indirect

A+
2290 lm
CRI Ra > 82
Neutral white 4000 K, Nr. 46010 4 20
Warm white 3000 K, Nr. 46010 3 20
Structured acrylic glass, UGR < 14

Can be dimmed by a key button

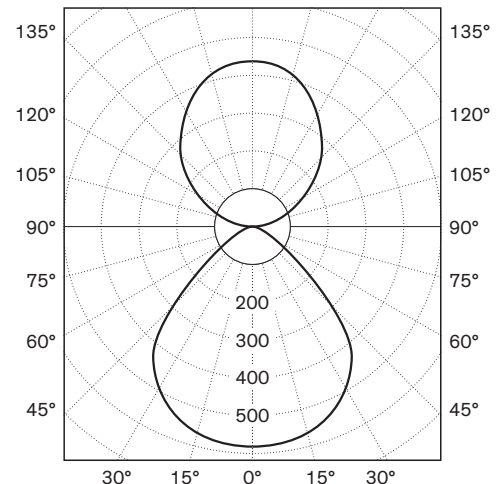
Tube, floor plate and lampshade in steel,
powder-coated
Structured acrylic glass
Contains driver
ca. 4 kg

IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

– LED modules according to Zhaga standards
(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution

cd/klm

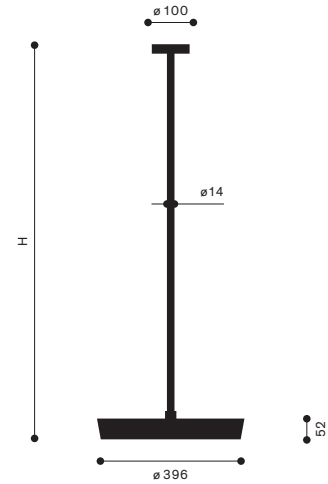


— Lateral light intensity distribution
..... Frontal light intensity distribution



Models Nr. 47910 4 65
 Nr. 47910 3 65

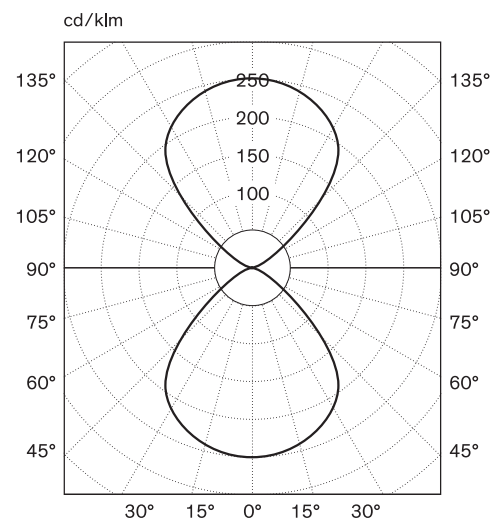
Dimensions Ø 396 mm
 H variable on order



Contents

Controller	Premium converter
Power requirements	220–240 V, 50 Hz
Power input	63 W
Standby	0.5 W
Light distribution	50% direct, 50% indirect
Energy class lamp	A+
Luminous efficiency	6084 lm
Colour rendition index	CRI Ra > 87
Light colour	Neutral white 4000 K, Nr. 47910 4 65 Warm white 3000 K, Nr. 47910 3 65
Glare suppression	Structured acrylic glass, UGR < 15
Operation	Can be dimmed by DALI
Materials	Baldachin, tube and lampshade in steel, powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 4 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– Optional with a motion and daylight sensor
Note	(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution

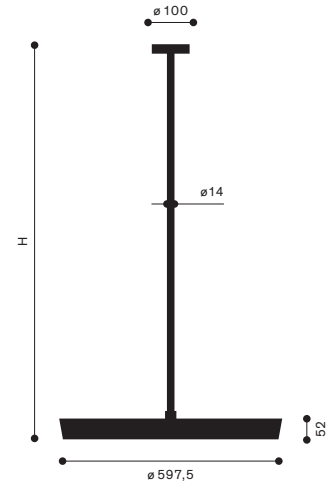


— Lateral light intensity distribution
 Frontal light intensity distribution



Models Nr. 50910 4 85
 Nr. 50910 3 85

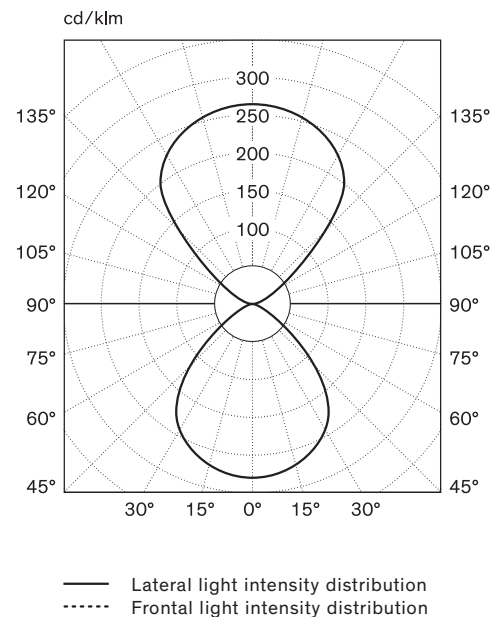
Dimensions Ø 598 mm
 H variable on order



Contents

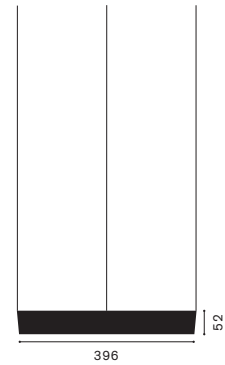
Controller	LED
Power requirements	Premium converter
Power input	220–240 V, 50 Hz
Standby	88 W
Light distribution	0.5 W
	46% direct, 54% indirect
Energy class lamp	A+
Luminous efficiency	10237 lm
Colour rendition index	CRI Ra > 87
Light colour	Neutral white 4000 K, Nr. 50910 4 85
	Warm white 3000 K, Nr. 50910 3 85
Glare suppression	Structured acrylic glass, UGR < 15
Operation	Can be dimmed by DALI
Materials	Baldachin, tube and lampshade in steel, powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 8.2 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– Optional with a motion and daylight sensor
Note	(3000 K ca. 5 lm/W less than 4000 K)

Light intensity distribution





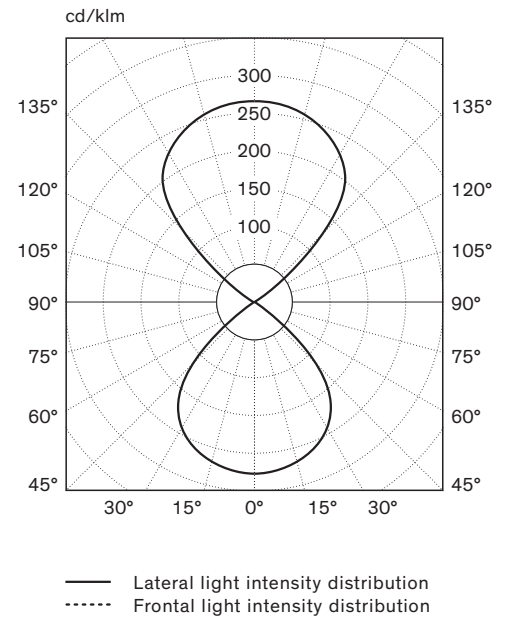
Models	Nr. 47410 4 30 Nr. 47410 3 30
Dimensions	Ø 396 mm H 52 mm



Contents

Controller	LED
Power requirements	ECO converter 220–240 V, 50 Hz
Power input	34 W
Standby	0.5 W
Light distribution	49% direct, 51% indirect
Energy class lamp	A+
Luminous efficiency	4366 lm
Colour rendition index	CRI Ra > 82
Light colour	Neutral white 4000 K, Nr. 47410 4 30 Warm white 3000 K, Nr. 47410 4 30
Glare suppression	Structured acrylic glass, UGR < 14
Operation	Dimmable with DALI
Materials	Lampshade in steel, powder-coated
Cover of illuminant	Structured acrylic glass
Wallcase	Contains driver
Weight	ca. 4 kg
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– Optional with a motion and daylight sensor
Note	(3000 K ca. 5 lm/W less than 4000 K)

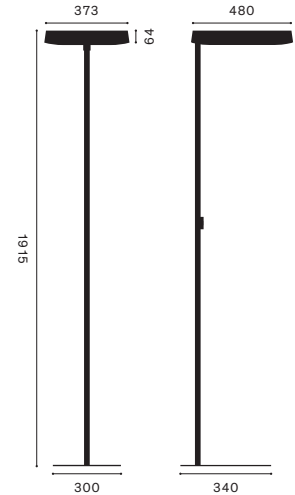
Light intensity distribution





Models Nr. 38111 4 60
Nr. 38111 3 60

Dimensions H 1915 mm
W 373 mm
L 480 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression

Operation

Materials

Cover of illuminant
Floor plate
Weight

Power cable

Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter
220–240 V, 50–60 Hz
59 W
< 0.5 W
35% direct, 65% indirect

A++
7660 lm
CRI Ra > 82
Neutral white 4000 K, Nr. 38111 4 60
Warm white 3000 K, Nr. 38111 3 60
Direct structured blind and grid, UGR < 12
Indirect structured blind, UGR < 12

Multi-function button for switching on and off, dimming

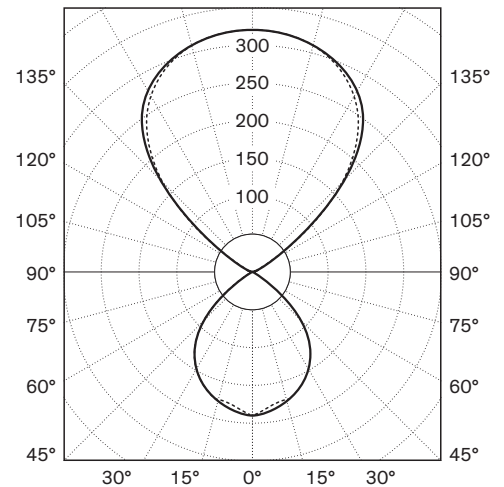
Tube, floor plate and brim of illumination head made of steel, push-button case made of white or black powder-coated aluminium
Structured acrylic glass
Rectangular, glider included 9 mm high
ca. 12.9 kg

Approx. 3 m, with power plug CH, No. XXXX1 X XX or power plug CEE 7/VII, No. XXXX2 X XX
IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

– Only consists of 3 components and 2 screws
– Easy lamp assembly
– LED modules according to Zhaga standards
– Optionally with daylight sensor and presence detector
(3000 K ca. 5 lm/W less than at 4000 K)

Light intensity distribution

cd/klm

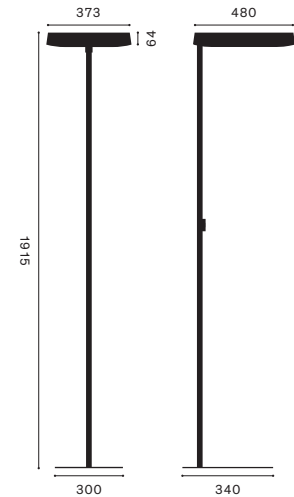


— Lateral light intensity distribution
..... Frontal light intensity distribution



Models
Nr. 38121 4 60
Nr. 38121 3 60

Dimensions
H 1915 mm
W 373 mm
L 480 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression

Operation

Materials

Cover of illuminant
Floor plate
Weight

Power cable

Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter
220–240 V, 50–60 Hz
59 W
< 0.5 W
35% direct, 65% indirect

A++
7660 lm
CRI Ra > 82
Neutral white 4000 K, Nr. 38111 4 60
Warm white 3000 K, Nr. 38111 3 60
UGR < 12

Multi-function button for switching on and off, dimming, setting light level for version with sensor

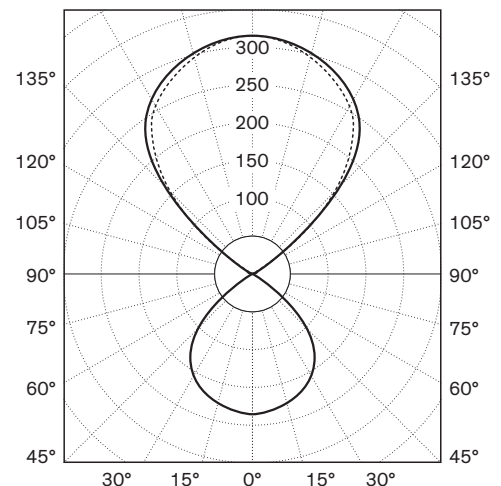
Tube, floor plate and brim of illumination head made of steel, push-button case made of white or black powder-coated aluminium
Structured acrylic glass
Rectangular, glider included 9 mm high
ca. 12.9 kg

Approx. 3 m, with power plug CH, No. XXXX1 X XX or power plug CEE 7/VII, No. XXXX2 X XX
IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

- Only consists of 3 components and 2 screws
- Easy lamp assembly
- LED modules according to Zhaga standards
- Daylight sensor and presence detector (3000 K ca. 5 lm/W less than, at 4000 K)

Light intensity distribution

cd/klm

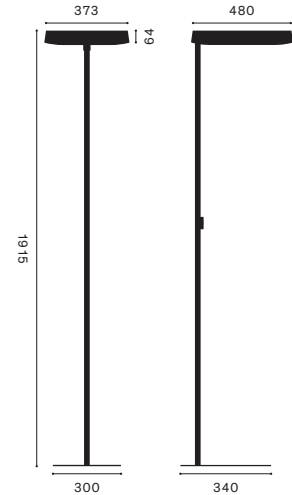


— Lateral light intensity distribution
- - - - Frontal light intensity distribution



Models
Nr. 38021 4 60
Nr. 38021 3 60

Dimensions
H 1915 mm
W 373 mm
L 480 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression

Operation

Materials

Cover of illuminant
Floor plate
Weight

Power cable

Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter
220–240 V, 50–60 Hz
59 W
< 0.5 W
37% direct, 63% indirect

A++
7660 lm
CRI Ra > 82
Neutral white 4000 K, Nr. 38021 4 60
Warm white 3000 K, Nr. 38021 3 60
Structured acrylic glass, UGR < 12

Multi-function button for switching on and off, dimming, setting the light level

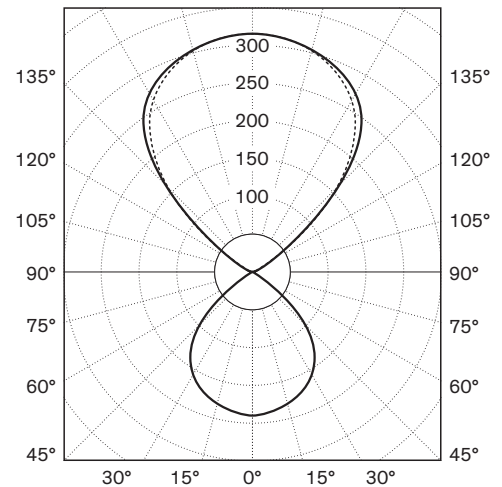
Tube, floor plate and brim of illumination head made of steel, push-button case made of white powder-coated aluminium
Structured acrylic glass
Rectangular, glider included 9 mm high
ca. 12.8 kg

Approx. 3 m, with power plug CH, No. XXXX1 X XX or power plug CEE 7/VII, No. XXXX2 X XX
IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

- Only consists of 3 components and 2 screws
- Easy lamp assembly
- LED modules according to Zhaga standards
- Minergie® certificate
- Daylight sensor and presence detector (3000 K ca. 5 lm/W less than at 4000 K)

Light intensity distribution

cd/klm

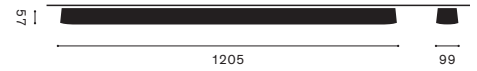


— Lateral light intensity distribution
- - - Frontal light intensity distribution



Models
Nr. 44710 4 45
Nr. 44710 3 45

Dimensions
H 57 mm
W 99 mm
L 1205 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression
Operation

Materials

Cover of illuminant
Operating device
Weight

Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter, DALI
220–240 V, 50–60 Hz
45 W
< 0.5 W
100% direct

A++
5619 lm
CRI Ra > 83
Neutral white 4000 K, Nr. 44710 4 45
Warm white 3000 K, Nr. 44710 3 45
UGR < 19
Dimmable with DALI

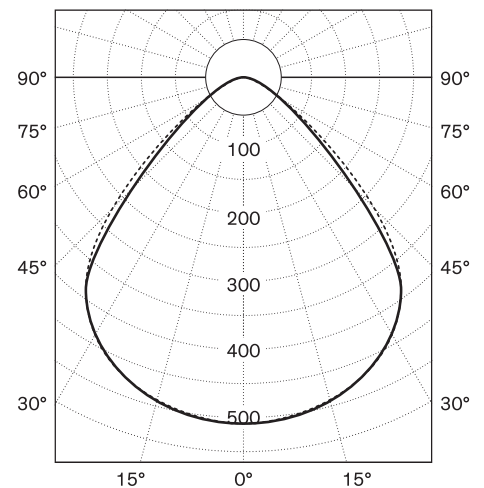
Brim of illumination head made of steel,
powder-coated
Structured acrylic glass
Included in the luminaire head
ca. 3.6 kg

IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

– Optionally with daylight sensor and presence
detecto

(3000 K ca. 5 lm/W less than at 4000 K)

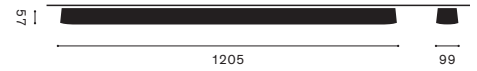
Light intensity distribution cd / klm



— Lateral light intensity distribution
..... Frontal light intensity distribution



Models	Nr. 44810 4 30 Nr. 44710 3 30
Dimensions	H 57 mm W 99 mm L 1205 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression
Operation

Materials

Cover of illuminant
Operating device
Weight

Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter, DALI
220–240 V, 50–60 Hz
30 W
< 0.5 W
100% direct
A++
3873 lm
CRI Ra > 84
Neutral white 4000 K, Nr. 44810 4 30
Warm white 3000 K, Nr. 44710 3 30
UGR < 19
Dimmable with DALI

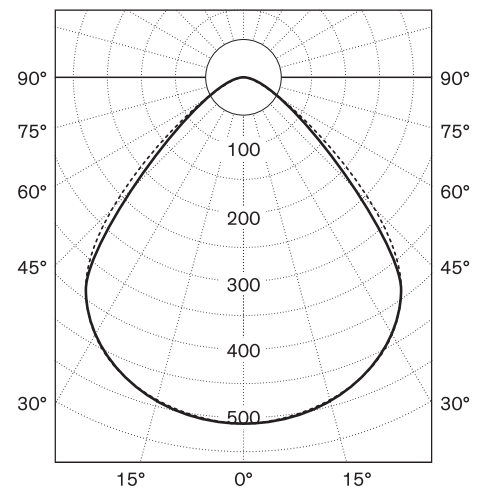
Brim of illumination head made of steel,
powder-coated
Structured acrylic glass
Included in the luminaire head
4.2 kg

IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

with anti-glare panel

(3000 K ca. 5 lm/W less than at 4000 K)

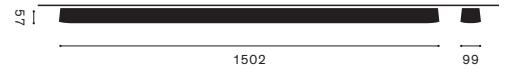
Light intensity distribution cd / klm



— Lateral light intensity distribution
- - - Frontal light intensity distribution



Models	Nr. 45810 4 50 Nr. 45810 3 50
Dimensions	H 57 mm W 99 mm L 1502 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression
Operation

Materials

Cover of illuminant
Operating device
Weight

Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter, DALI
220–240 V, 50–60 Hz
52 W
< 0.5 W
100% direct

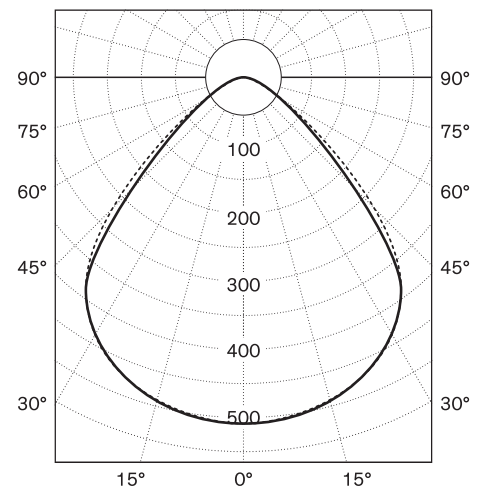
A+
5876 lm
CRI Ra > 84
Neutral white 4000 K, Nr. 45810 4 50
Warm white 3000 K, Nr. 45810 3 50
UGR < 19
Dimmable with DALI

Brim of illumination head made of steel,
powder-coated
Structured acrylic glass
Included in the luminaire head
ca. 4.9 kg

IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

– 2 row Bat Wing, with anti-glare panel
– Optionally with daylight sensor and presence
detecto
(3000 K ca. 5 lm/W less than at 4000 K)

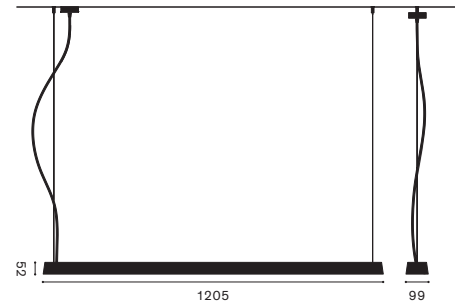
Light intensity distribution cd / klm



— Lateral light intensity distribution
..... Frontal light intensity distribution



Models	Nr. 44410 4 60
	Nr. 44410 3 60
Dimensions	H 52 mm
	W 99 mm
	L 1205 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression
Operation

Materials

Cover of illuminant
Weight

Power cable
Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter, DALI
220–240 V, 50–60 Hz
58 W
< 0.5 W
52% direct, 48% indirect

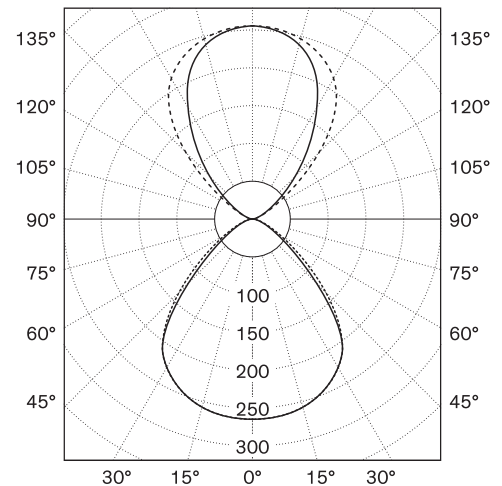
A+, A++
6993 lm
CRI Ra > 83
Neutral white 4000 K, Nr. 44410 4 60
Warm white 3000 K, Nr. 44410 3 60
UGR < 16
Dimmable with DALI

Brim of illumination head made of steel,
powder-coated
Structured acrylic glass
ca. 3.5 kg

3 m, 5-polig
IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

– Optionally with daylight sensor and presence
detector
(3000 K ca. 5 lm/W less than at 4000 K)

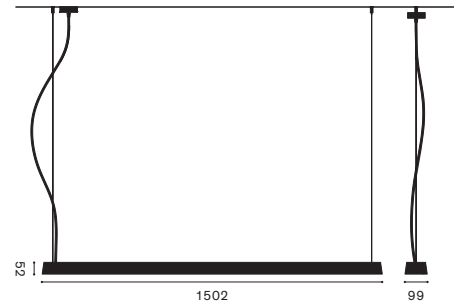
Light intensity distribution
cd / klm



— Lateral light intensity distribution
- - - - Frontal light intensity distribution



Models	Nr. 45410 4 80
	Nr. 45410 3 80
Dimensions	H 52 mm
	W 99 mm
	L 1502 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression

Materials

Cover of illuminant
Weight

Power cable
Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter, DALI
220–240 V, 50–60 Hz
66 W
< 0.5 W
60% direct, 40% indirect

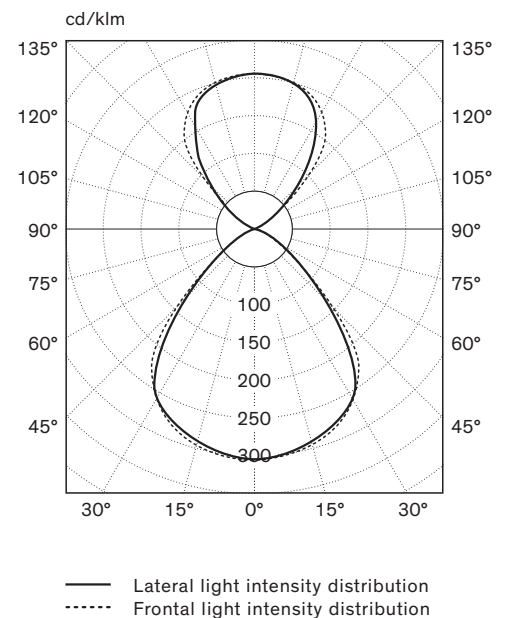
A+
7422 lm
CRI Ra > 82
Neutral white 4000 K, Nr. 45410 4 65
Warm white 3000 K, Nr. 45410 3 65
UGR < 17

Brim of illumination head made of steel,
white powder-coated
Structured acrylic glass
ca. 4.3 kg

3 m, 5-polig
IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

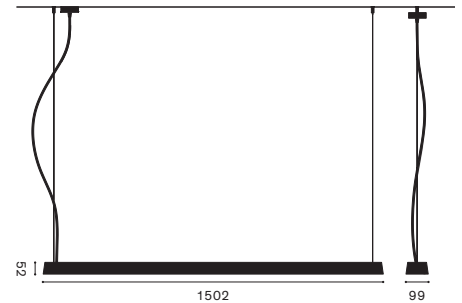
– Optionally with daylight sensor and presence
detector
(3000 K ca. 5 lm/W less than at 4000 K)

Light intensity distribution



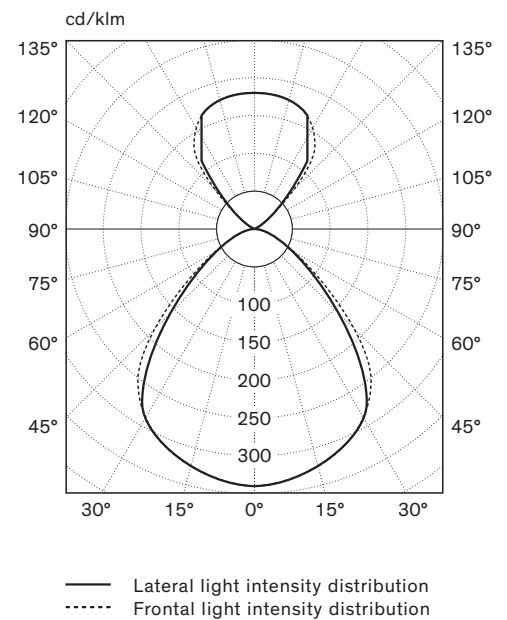


Models	Nr. 45410 4 80
	Nr. 45410 3 80
Dimensions	H 52 mm
	W 99 mm
	L 1502 mm



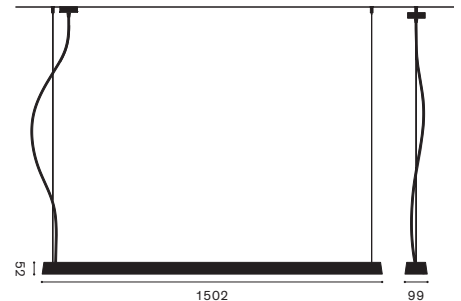
Contents	LED
Controller	Premium converter, DALI
Power requirements	220–240 V, 50–60 Hz
Power input	82 W
Standby	< 0.5 W
Light distribution	67% direct, 33% indirect
Energy class lamp	A++
Luminous efficiency	9784 lm
Colour rendition index	CRI Ra > 82
Light colour	Neutral white 4000 K, Nr. 45410 4 80
	Warm white 3000 K, Nr. 45410 3 80
Glare suppression	UGR < 18
Materials	Brim of illumination head made of steel, powder-coated
Cover of illuminant	Structured acrylic glass
Weight	ca. 4.3 kg
Power cable	3 m, 5-polig
Protection rating	IP 20
Test marks	ENEC TÜV SÜD, CE, ROHS
Warranty	2 years, 5 years on LED and converter
Particularities	– Optionally with daylight sensor and presence detector
Note	(3000 K ca. 5 lm/W less than at 4000 K)

Light intensity distribution





Models	Nr. 45420 4 40
	Nr. 45420 3 40
Dimensions	H 52 mm
	W 99 mm
	L 1502 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression

Materials

Cover of illuminant
Weight

Power cable
Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter
220–240V, 50–60Hz
41 W
< 0.5 W
67% direct, 33% indirect

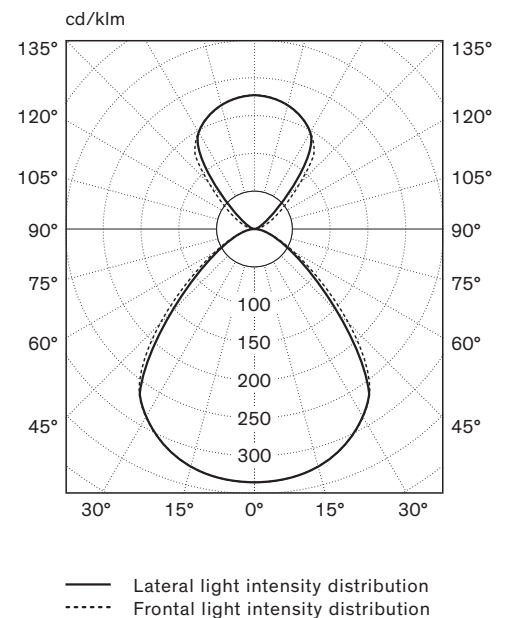
A++
5001 lm
CRI Ra > 82
Neutral white 4000 K, Nr. 45410 4 40
Warm white 3000 K, Nr. 45410 3 40
UGR < 16

Brim of illumination head made of steel,
white powder-coated
Structured acrylic glass
ca. 4.3 kg

3 m, 5-polig
IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

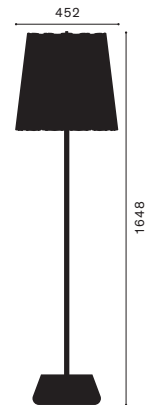
– With motion detector and constant light control
– Daylight sensor and presence detector
(3000 K ca. 5 lm/W less than at 4000 K)

Light intensity distribution





Model Nr. 331 01 075
Dimensions Ø 452 mm
H 1648 mm



Light socket
Power requirements
Power input

E27
230 V, 50 Hz
max. 25 W

Materials

Pleated lampshade sheet metal slats, white powder coated, carried by a thin tube,
massive concrete pedestal with a natural finish
Opaque acrylic glass
ca. 17.4 kg

Cover of illuminant
Weight

Power cable
Protection rating
Test marks
Warranty

ca. 3 m
IP20
TÜV, CE, ROHS
2 years

Contents

E27, e.g. 16 W

Energy class lamp
Light colour

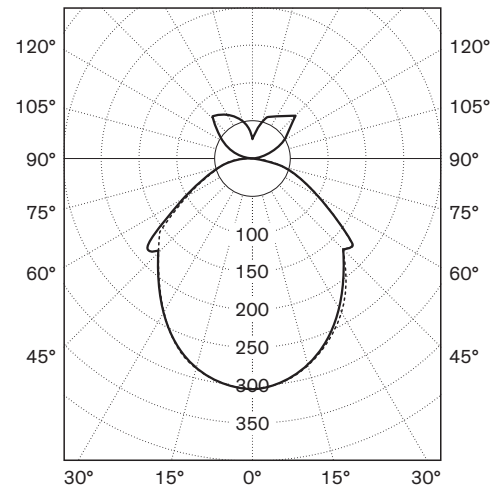
Suitable for A, A+, A++
Warm white 2700 K

Note

For further technical information please refer to the description of the light source

Example of light intensity distribution at 16 W

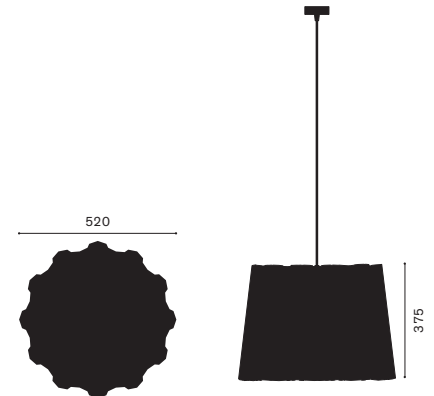
cd/klm



— Lateral light intensity distribution
- - - - Frontal light intensity distribution



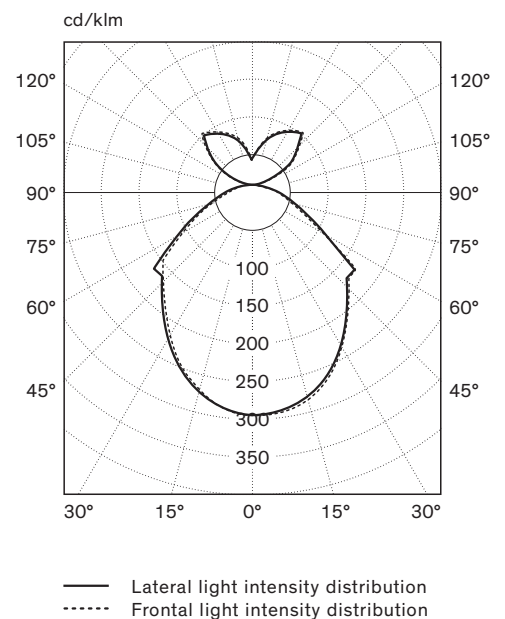
Model Nr. 314 02 075
Dimensions Ø 520 mm
H 375 mm



Light socket	E27
Power requirements	230 V, 50 Hz
Power input	max. 25 W
Materials	Pleated lampshade sheet metal slats, white powder coated
Cover of illuminant	Opaque acrylic glass
Weight	ca. 5 kg
Power cable	ca. 3 m
Protection rating	IP20
Test marks	TÜV, CE, ROHS
Warranty	2 years
Accessories	Ceiling fixture, canopy, chrome steel wires

Contents	E27, e.g. 16 W
Energy class lamp	Suitable for A, A+, A++
Light colour	Warm white 2700 K
Note	For further technical information please refer to the description of the light source

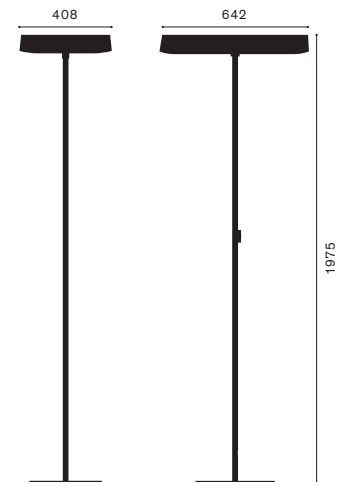
Example of light intensity distribution at 16 W





Models
Nr. 39161 4 97
Nr. 39161 3 97

Dimensions
H 1975 mm
W 408 mm
L 642 mm



Contents

Controller
Power requirements
Power input
Standby
Light distribution

Energy class lamp
Luminous efficiency
Colour rendition index
Light colour

Glare suppression

Operation

Materials

Weight

Protection rating
Test marks
Warranty

Particularities

Note

LED

Premium converter
220–240 V, 50 Hz
132 W
0.5 W
30% direct, 70% indirect

A+
15462 lm
CRI Ra > 83
Neutral white 4000 K, Nr. 39161 4 97
Warm white 3000 K, Nr. 39161 3 97
UGR < 12

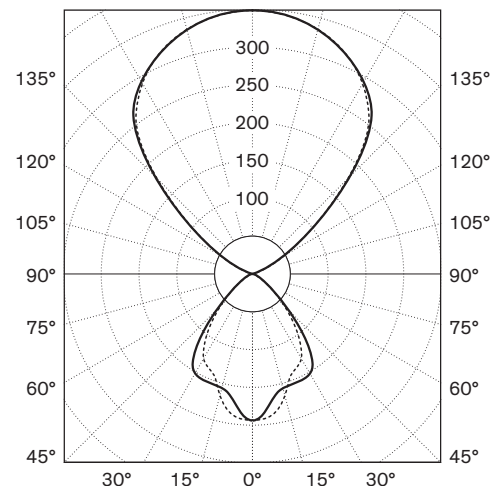
DALI direct and indirect light can be individually switched and dimmed, with a motion and an ambient light sensor
Lampshade and wallcase in steel, powder-coated
ca. 19.4 kg

IP 20
ENEC TÜV SÜD, CE, ROHS
2 years, 5 years on LED and converter

– For 2 to 4 workplaces
– Double taster
– Optional with daylight sensor
(3000 K ca. 5 lm/W less than at 4000 K)

Light intensity distribution

cd/klm



— Lateral light intensity distribution
..... Frontal light intensity distribution