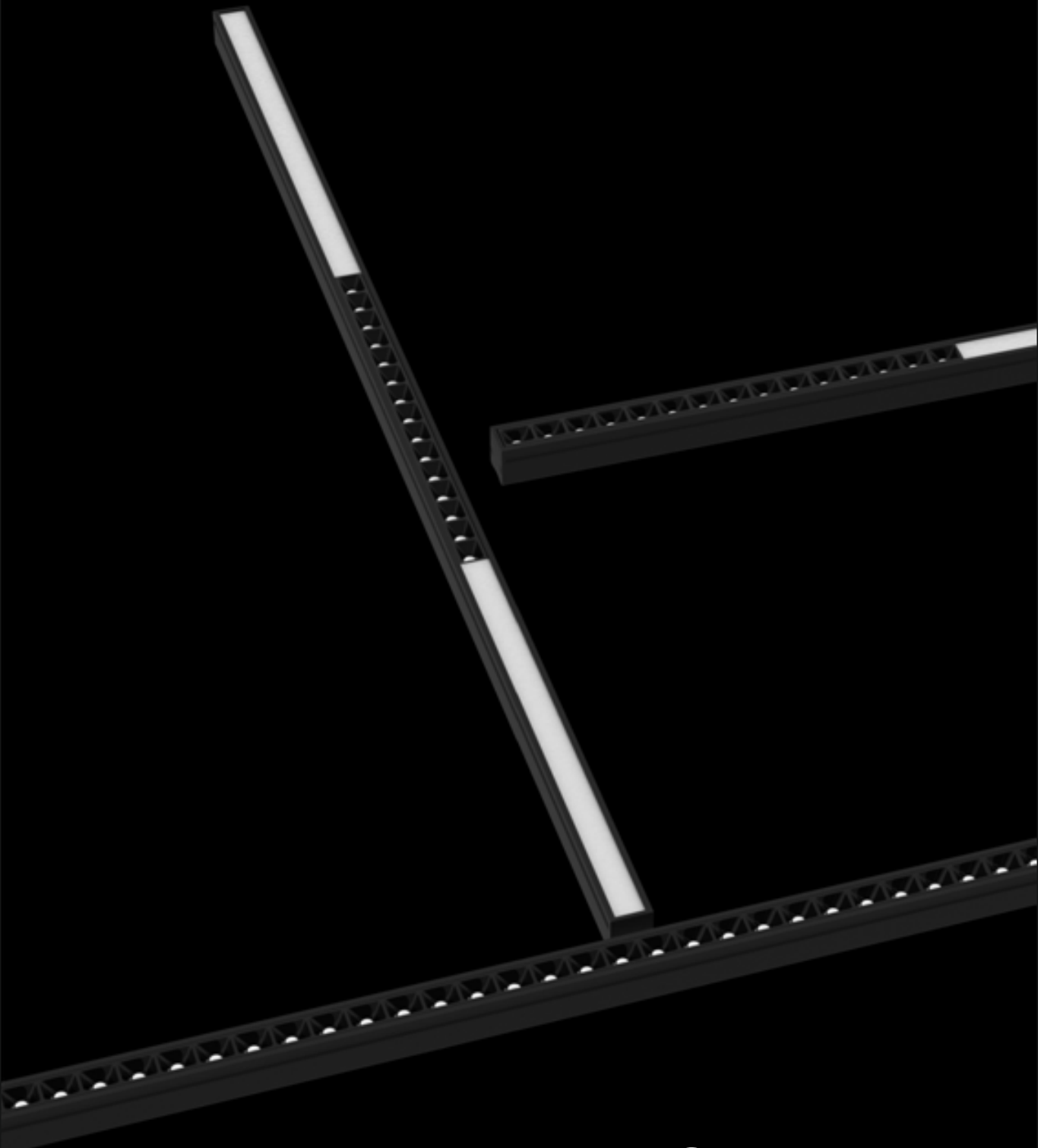


CATERLUX
Live an illuminated life



LINEAR GRILLE



LINEAR GRILLE

About us

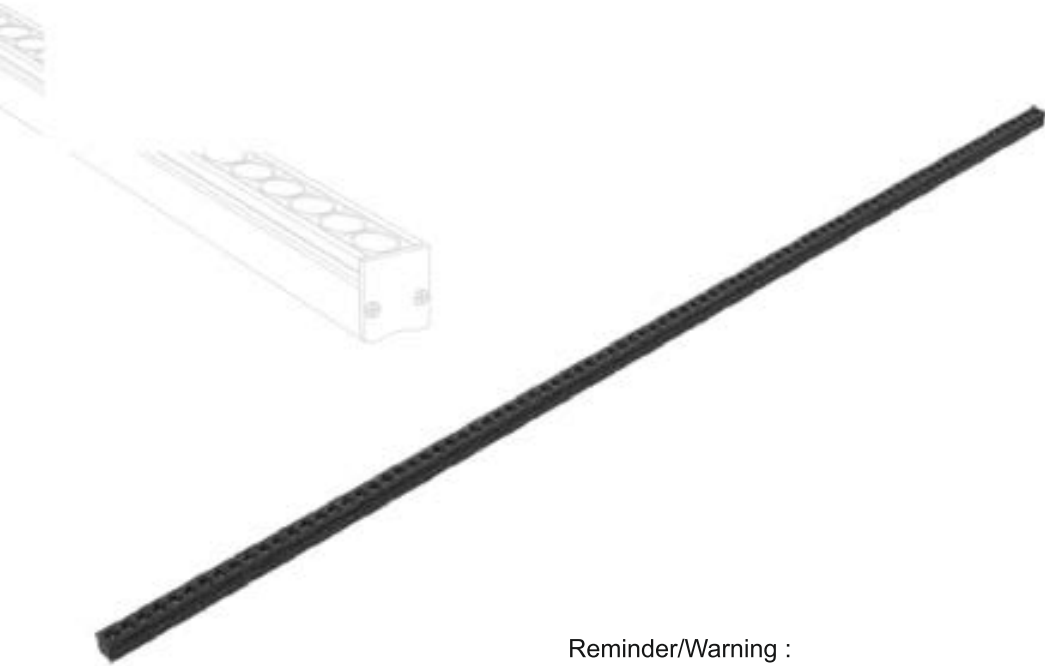
Ever since Caterlux's inception in 2016, we have been working hard towards lighting up your homes with avant-garde quality products and exceptional service. We specialize in providing energy efficient lighting solutions and LED to our customers. Caterlux's lighting solutions add value to space be it office or home. Our lighting solutions are paving the way towards a brighter future with the combination of design and innovation. Providing quality lighting with minimal cost is what Caterlux firmly believes in.

From initial consultation to designs and conceptualization to delivering premium quality and even custom-made lighting solutions, there's nothing we don't do. All our lighting products meet the highest quality standards and are designed to give our customers absolute value for money.

Ensuring you with select, high end illumination products, we stand behind our work and guarantee the most stringent quality assurances. Caterlux lighting strives to bring to our customers lighting solutions that strike the perfect balance between quality, reliability and style.



Grille.....



Reminder/Warning :

Under no circumstances should the lamps be covered by thermal insulation pads or similar materials!

14Type simple ceiling grille lamp

Product model : CTR-GSD1416 XJ/L 1024/16W Standard

Specification : W14* H16* L1024MM No flicker

Input voltage : DC 24V
Rated power : 16W

Light source : 2835 (OSRAM)

Standard color temperature : 2700K/3000K/4000K

Color rendering index : ≥ 90

Beam angle : 15°

Degree of protection : IP 20

Material : 6063 Aluminum

Color : sand black / sand white

Installation method : Ceiling type

led



Optical parameters

Beam angle

Luminous flux

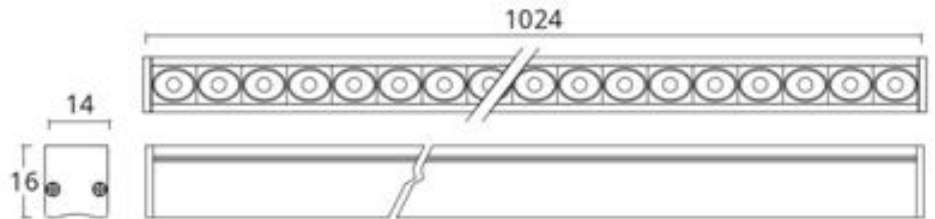
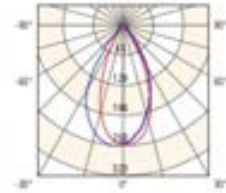
Illumination distance Relationship

Light intensity distribution curve (unit: cd)

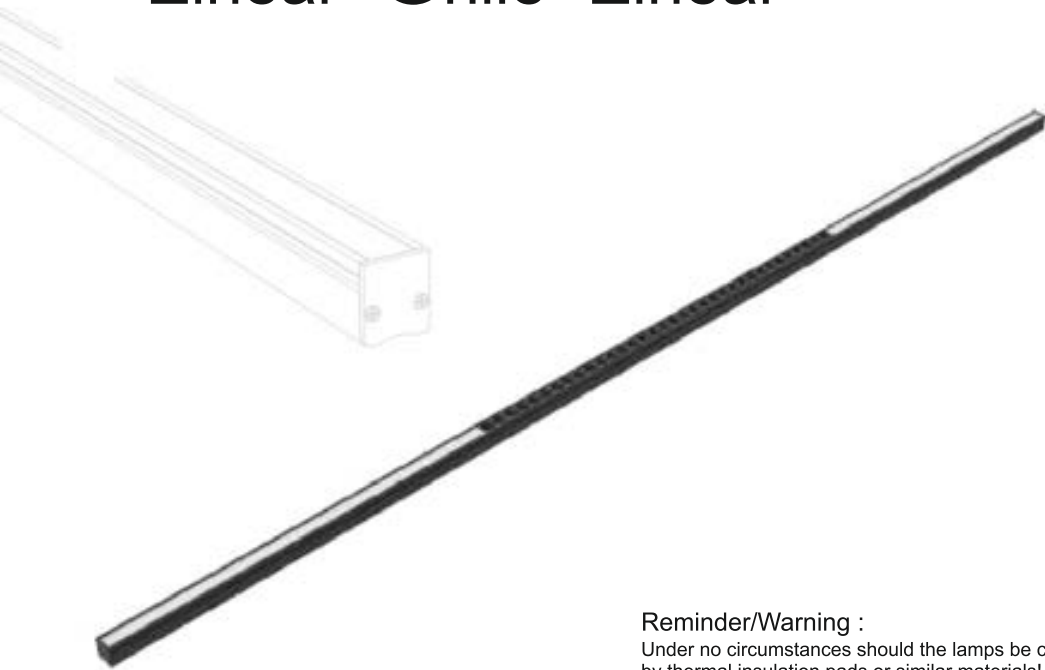
15°

220.7 lm

h (m)	E0 ² (lx)	ø (m)
1.50	114.88	1.25
2.25	51.06	1.87
3.50	21.10	2.91
4.00	16.16	3.32



Linear+Grille+Linear



Reminder/Warning :

Under no circumstances should the lamps be covered by thermal insulation pads or similar materials!

14Type simple ceiling combination lamp Linear+grid+linear

Product model : CTR-ZHD 1416XJ/L 1024/16W/C Standard

Specification : W14* H16* L1024 MM

Input voltage : DC 24V

Rated power : 16w

Light source : 2835 (OSRAM)

Standard color temperature : 2700K/3000K/4000K

Color rendering index : ≥ 90

Beam angle : 2700K/3000K/4000K

Protection level : IP 20

Material : 6063 Aluminum

Color : sand black/sand

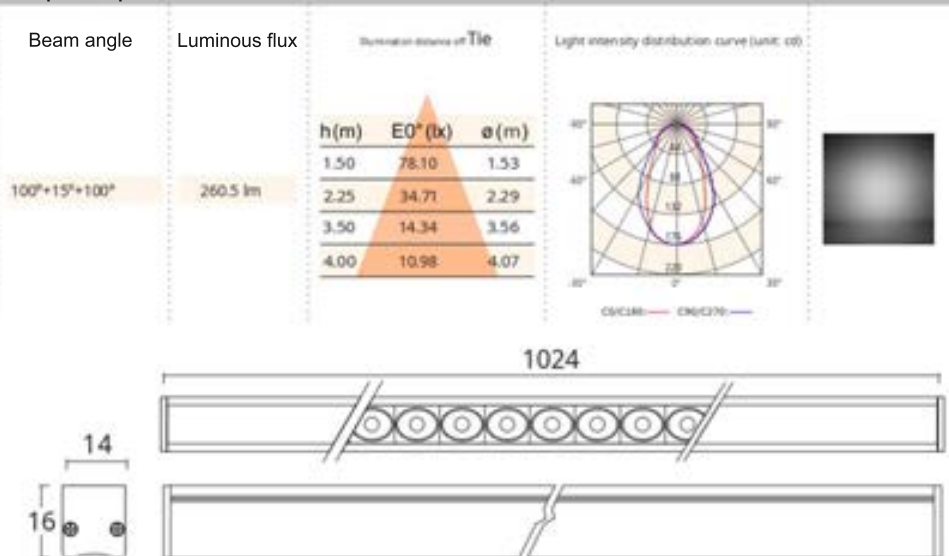
Installation method : Ceiling type

led





Optical parameters



Grille.....



Reminder/Warning :

Under no circumstances should the lamps be covered by thermal insulation pads or similar materials!



14Type large reunion simple ceiling grille lamp

Optical parameters

Product model : CTR-GSD 141917XJ/L 1024/16W

Standard specification : W19* H17* L1024

MM Input voltage : DC 24V

Rated power : 16W

Light source : 2835 (OSRAM) Standard color

temperature : 2700K/3000K/4000K Color

Rendering index : ≥ 90

Beam angle : 15°

Degree of protection : IP 20

Material : 6063 Aluminum

Color : sand black/sandwhite

Installation method : Ceiling type-adjustable bracket

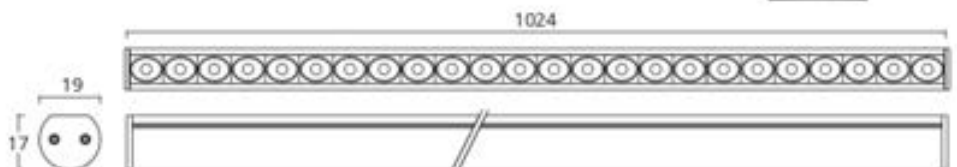
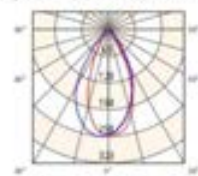
Beam angle **15°**

Luminous flux **220.7lm**

Standard color table

h (m)	EO° (lx)	φ (m)
1.50	114.88	1.25
2.25	51.04	1.87
3.50	21.19	2.91
4.00	16.14	3.32

Light intensity distribution curve (unit: cd)



Linear+Grille+Linear



Reminder/Warning :

Under no circumstances should the lamps be covered by thermal insulation pads or similar materials!

14Type large reunion simple ceiling combination lamp
Linear+grid+linear

Optical parameters

Product model: CTR-ZHD 141917XJ/L1024/16W/C

Beam angle $100^{\circ}+15^{\circ}+100^{\circ}$

Standard specification : W19* H17* L1024

MM Input voltage : DC 24V

Rated power : 16W

Light source : 2835 (OSRAM) Standard color

temperature : 2700K/3000K/4000K Color

Luminous flux 260.5 lm

Beam diameter calculation

h(m)	E0°(lx)	φ(m)
1.50	78.10	1.53
2.25	34.71	2.29
3.50	14.34	3.56
4.00	10.98	4.07

Rendering index : ≥ 90

Beam angle : $100^{\circ}+15^{\circ}+100^{\circ}$

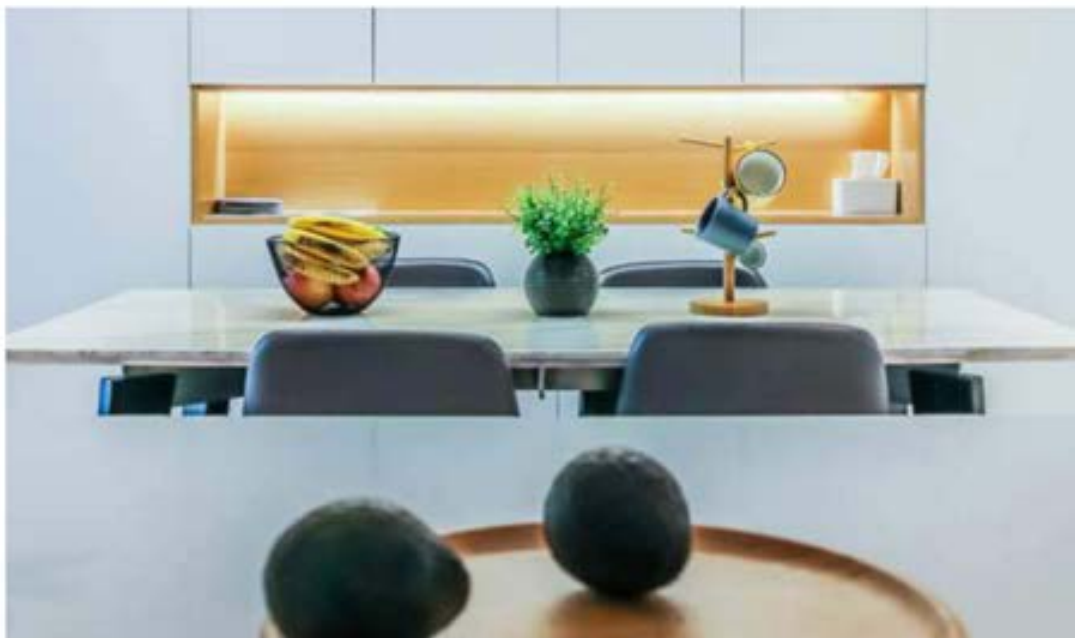
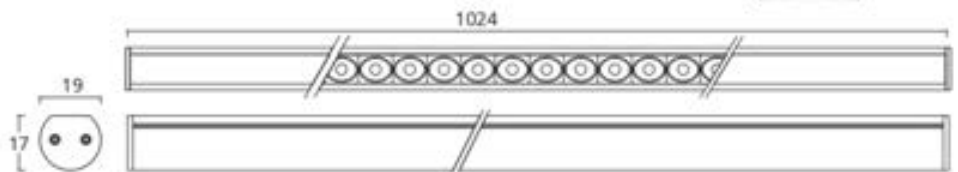
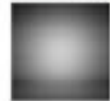
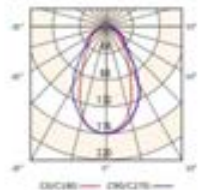
Protection level : IP 20

Material : 6063 Aluminum

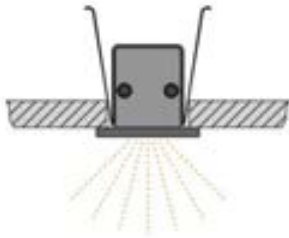
Color : sand black / sand white

Installation method : Ceiling type-adjustable bracket

Light intensity distribution curve (unit: cd)



Grille.....



Reminder/Warning :
Under no circumstances should the lamps be covered
by thermal insulation pads or similar materials!



14Type simple embedded grille lamp

Product model : CTR-GSD 142219QJ/L1035/16W

Standard specification : W22* H19* L1035

MM Input voltage : DC 24V

Rated power : 16W

Light source : 2835 (OSRAM) Standard color

temperature : 2700K/3000K/4000K Color

rendering index : ≥ 90

Beam angle: 15°

Degree of protection : IP 20

Material : 6063 aluminum

Color: sand black / sand white

Installation method : Embedded

Hole size : L1030* W18* H30MM

Optical parameters

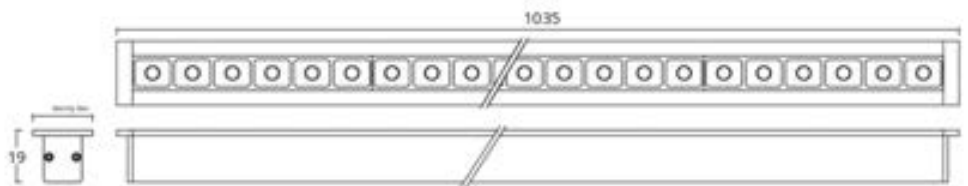
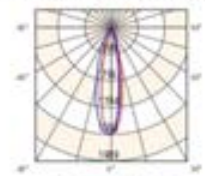
Beam angle **15°**

Luminous flux **383.9lm**

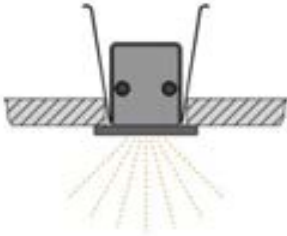
Beam diameter consistency

h(m)	E0°(lx)	φ(m)
1.50	107.38	0.57
2.25	314.39	0.86
3.50	129.93	1.33
4.00	99.47	1.52

Light intensity distribution curve (unit: cd)



Linear+Grille+Linear



Under no circumstances should the lamps be covered by thermal insulation pads or similar materials!



14Type Simple Embedded Combination Lamp Linear+grid+linear

Optical parameters

Product model : CTR-ZHD 142219QJ/L 1035/16W/C

Standard specification : W22* H19* L1035

MM Input voltage : DC 24V

Rated power : 16W

Light source : 2835 (OSRAM) Standard color

temperature : 2700K/3000K/4000K Color

rendering index : ≥ 90

Beam angle : $100^{\circ}+15^{\circ}+100^{\circ}$

Protection level : IP 20

Material : 6063 Aluminum

Color : sand black/sand white

Installation method : Embedded

Hole size : L1030* W18* H30MM

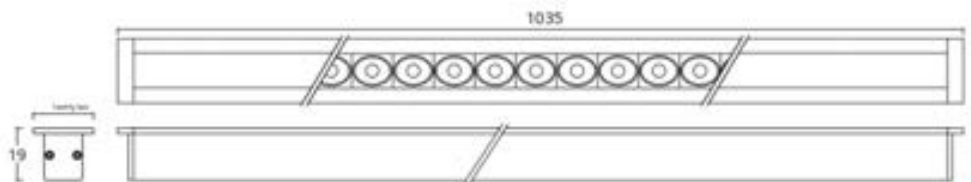
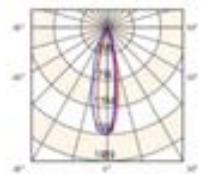
Beam angle $100^{\circ}+15^{\circ}+100^{\circ}$

Luminous flux 383.9 lm

Beam diameter consistency

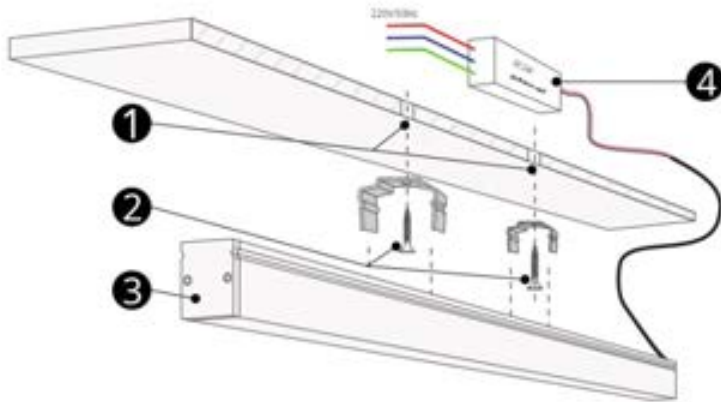
h(m)	E0°(lx)	φ(m)
1.50	107.38	0.57
2.25	314.39	0.86
3.50	129.93	1.33
4.00	99.47	1.52

Light intensity distribution curve (unit: cd)



Surface mounted

Installation method >>>>>



- 1 Determine the installation position of the lamp and punch holes according to the hole size of the lamp (If it is a wooden board or other suspended ceiling, directly tap the self-tapping screw)
- 2 Use the screws on the accessory bag to fasten the buckle of the lamp hanging board
- 3 Snap the lamp directly into the buckle of the hanging plate
- 4 Link the DC24V power supply to ensure that the power supply is unblocked, turn on the switch and light up

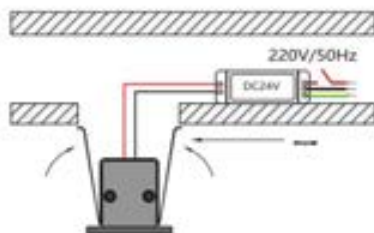
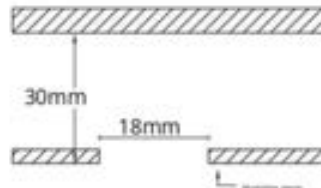
Reminder/Warning:

1. The lamps are installed by professional electricians
2. Read the above product parameters carefully before installation
3. Under no circumstances should the lamps be insulated Cover with padding or similar material!

Embedded

Installation method >>>>>

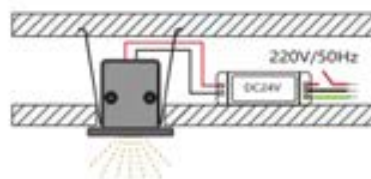
- 1 Determine the installation position of the lamp, and reserve the size of the opening
Installation space with width 18mm and height \geq 30mm,
The length is determined by the length of the lamp to be installed.



- 2 Connect the lamp power supply, and remove the shrapnel of the lamp
Dial up, and move the lamp along the installation slot

Embed.

- 3 After installing and fixing the track, remove the installation Positioning cover / construction protective cover, installation Lights, turn on the switch to turn on the lights.





BELT

Series-lens Light Band Series



Belt

Product Model: CTR-TPU2465/18/P15

Voltage DC24V

Specifications 24x6.5mm

Power 18W

Color Temperature 6500K/4000K/3000K

luminescence 1394.96lm

Beam Angle: 15

Light source 3030

Material TPU+PU

Bulb quantity 18

Cutting length 125mm

Waterproof grade IP65

Product length 5meter



Optical parameters(test length for one meter)

Beam angle **15°**

light flow **1394.96 lm**

photo distance relationship

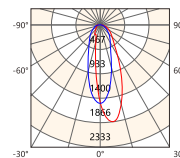
h(m)	E0°(lx)	φ(m)
1.50	1018.54	0.56
2.25	452.69	0.84
3.50	187.08	1.30
4.00	143.23	1.48

light intensity distribution curve

unit cd

C0/C180: —

C90/C270: —



Accessories



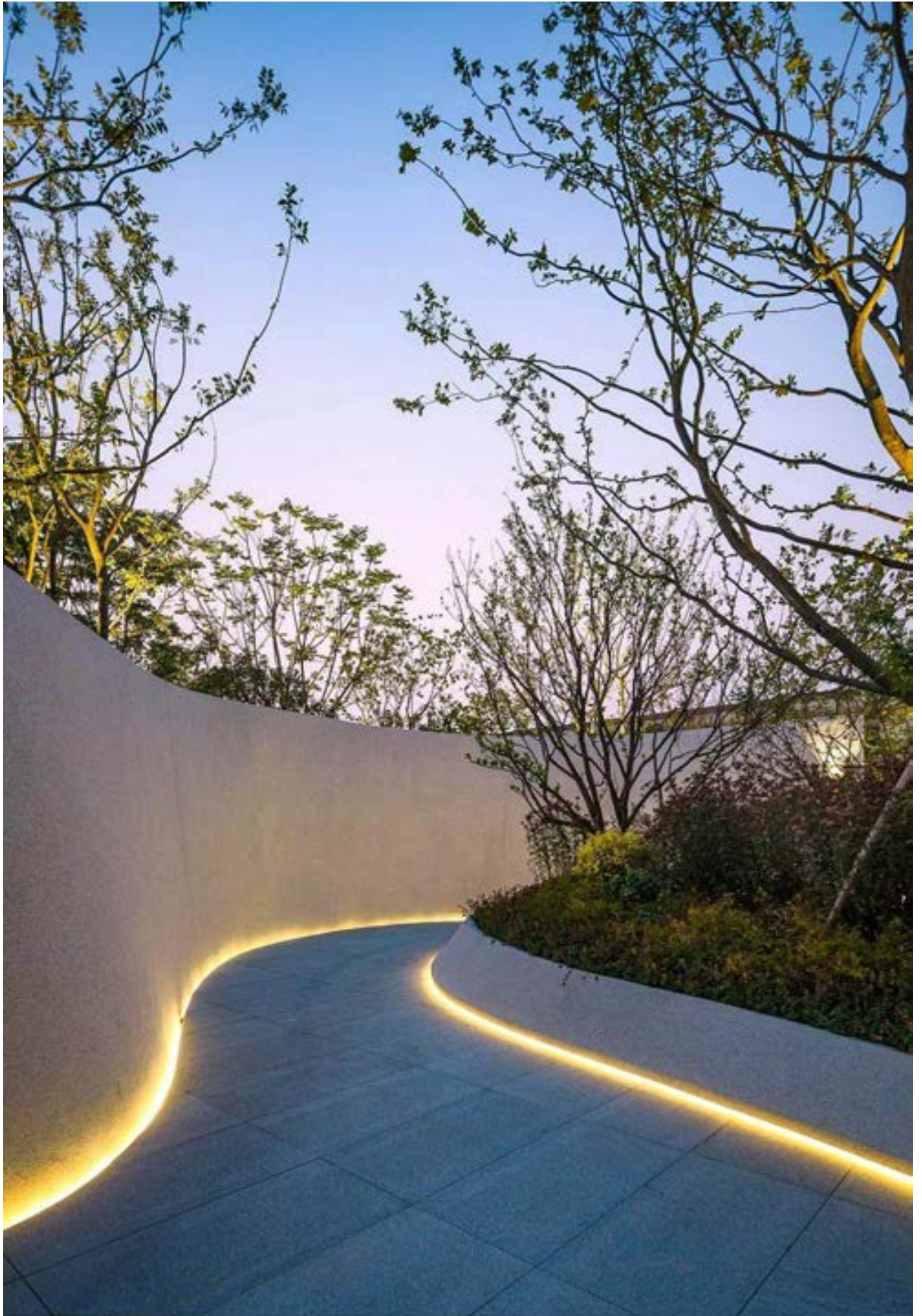
CTR-C2611D1800/L1/4



CTR-C2611D/L30



CTR-C2611D/L2000







LINEA WALL WASHER 600MM

LINEA WALL WASHER 1200MM

LINEA RECESSED 600MM

LINEA RECESSED 1200MM

LINEA

Linea Wall Washer 600mm

Product Model: CTR-XQ3626Q/L600/21W

Product size: L600*W36*H26mm

Installation method Built-in

Material 6063 aluminum

Appearance color black/white

Protection grade IP65

Light: support

Source 3030/Osram

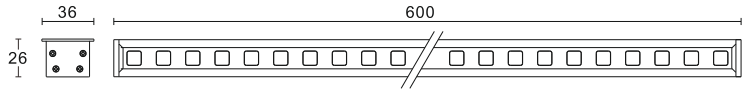
Electric voltage DC24V

Efficiency 21W

Color Temperature 4000K/3000K/2700K

CRI 90

BEAM ANGLE: 30 / 60 / 30*45 / 15

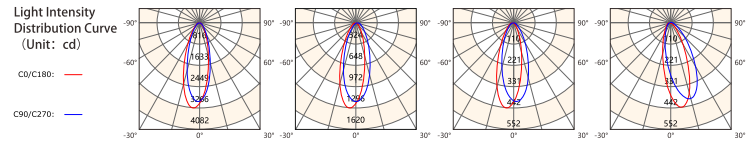


Optical parameters

Beam Angle	30°	60°	30*45°	15°
------------	-----	-----	--------	-----

Light Flow	1926.23 lm	1856.12 lm	1687.25 lm	258.5 lm
------------	------------	------------	------------	----------

Photo Distance Relationship	30°			60°			30*45°			15°		
	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
1.50	1451.49	0.89		1.50	1356.78	0.95	1.50	1198.58	0.86	1.50	996.43	0.86
2.25	645.11	1.34		2.25	856.14	1.48	2.25	986.46	1.25	2.25	587.30	1.05
3.50	266.60	2.08		3.50	589.74	2.53	3.50	456.08	2.32	3.50	236.08	1.72
4.00	204.12	2.38		4.00	145.68	2.58	4.00	272.62	2.48	4.00	127.62	2.11



Linea Wall Washer 1200mm

Product Model CTR-XQ3626Q/L1200/42W

Product size L1200*W36*H26mm

Installation method Built-in

Material 6063 aluminum

Appearance color black/white

Protection grade IP65

Light: support

Source 3030/Osram

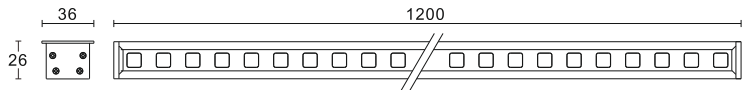
Electric voltage DC24V

Efficiency 42W

Color Temperature 4000K/3000K/2700K

CRI 90

BEAM ANGLE: 30 / 60 / 30*45 / 15

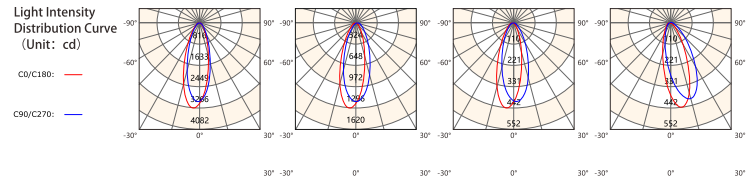


Optical parameters

Beam Angle	30°	60°	30*45°	15°
------------	-----	-----	--------	-----

Light Flow	1926.23 lm	1856.12 lm	1687.25 lm	258.5 lm
------------	------------	------------	------------	----------

Photo Distance Relationship	30°			60°			30*45°			15°		
	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
1.50	1451.49	0.89		1.50	1356.78	0.95	1.50	1198.58	0.86	1.50	996.43	0.86
2.25	645.11	1.34		2.25	856.14	1.48	2.25	986.46	1.25	2.25	587.30	1.05
3.50	266.60	2.08		3.50	589.74	2.53	3.50	456.08	2.32	3.50	236.08	1.72
4.00	204.12	2.38		4.00	145.68	2.58	4.00	272.62	2.48	4.00	127.62	2.11



Line Recessed 600mm

Product Model: CTR-XQ3525Q/L600/21W

Product size: L600*W36*H26mm

Installation method Built-in

Material 6063 aluminum

Appearance color black/white

Protection grade IP65

Light: support

Source 3030/Osram

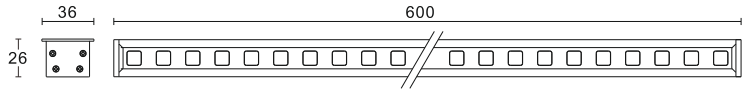
Electric voltage DC24V

Efficiency 21W

Color Temperature 4000K/3000K/2700K

CRI 90

BEAM ANGLE: 30 / 60 / 30*45 / 15

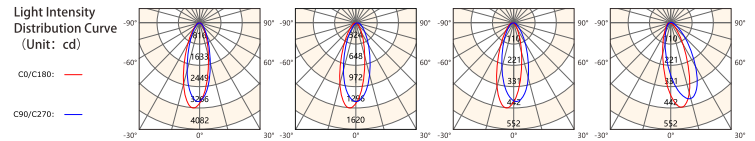


Optical parameters

Beam Angle	30°	60°	30*45°	15°
------------	-----	-----	--------	-----

Light Flow	1926.23 lm	1856.12 lm	1687.25 lm	258.5 lm
------------	------------	------------	------------	----------

Photo Distance Relationship	30°			60°			30*45°			15°		
	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
1.50	1451.49	0.89		1.50	1356.78	0.95	1.50	1198.58	0.86	1.50	996.43	0.86
2.25	645.11	1.34		2.25	856.14	1.48	2.25	986.46	1.25	2.25	587.30	1.05
3.50	266.60	2.08		3.50	589.74	2.53	3.50	456.08	2.32	3.50	236.08	1.72
4.00	204.12	2.38		4.00	145.68	2.58	4.00	272.62	2.48	4.00	127.62	2.11



Line Recessed 1200mm

Product Model CTR-XQ3525Q/L1200/42W

Product size L1200*W36*H26mm

Installation method Built-in

Material 6063 aluminum

Appearance color black/white

Protection grade IP65

Light: support

Source 3030/Osram

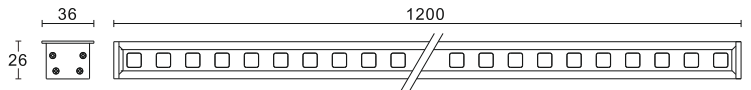
Electric voltage DC24V

Efficiency 42W

Color Temperature 4000K/3000K/2700K

CRI 90

BEAM ANGLE: 30 / 60 / 30*45 / 15

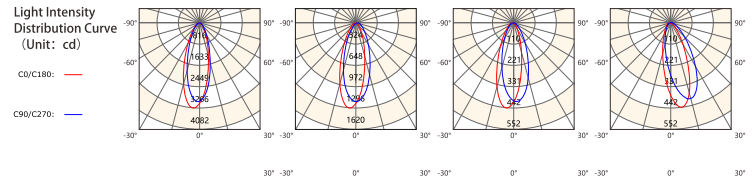


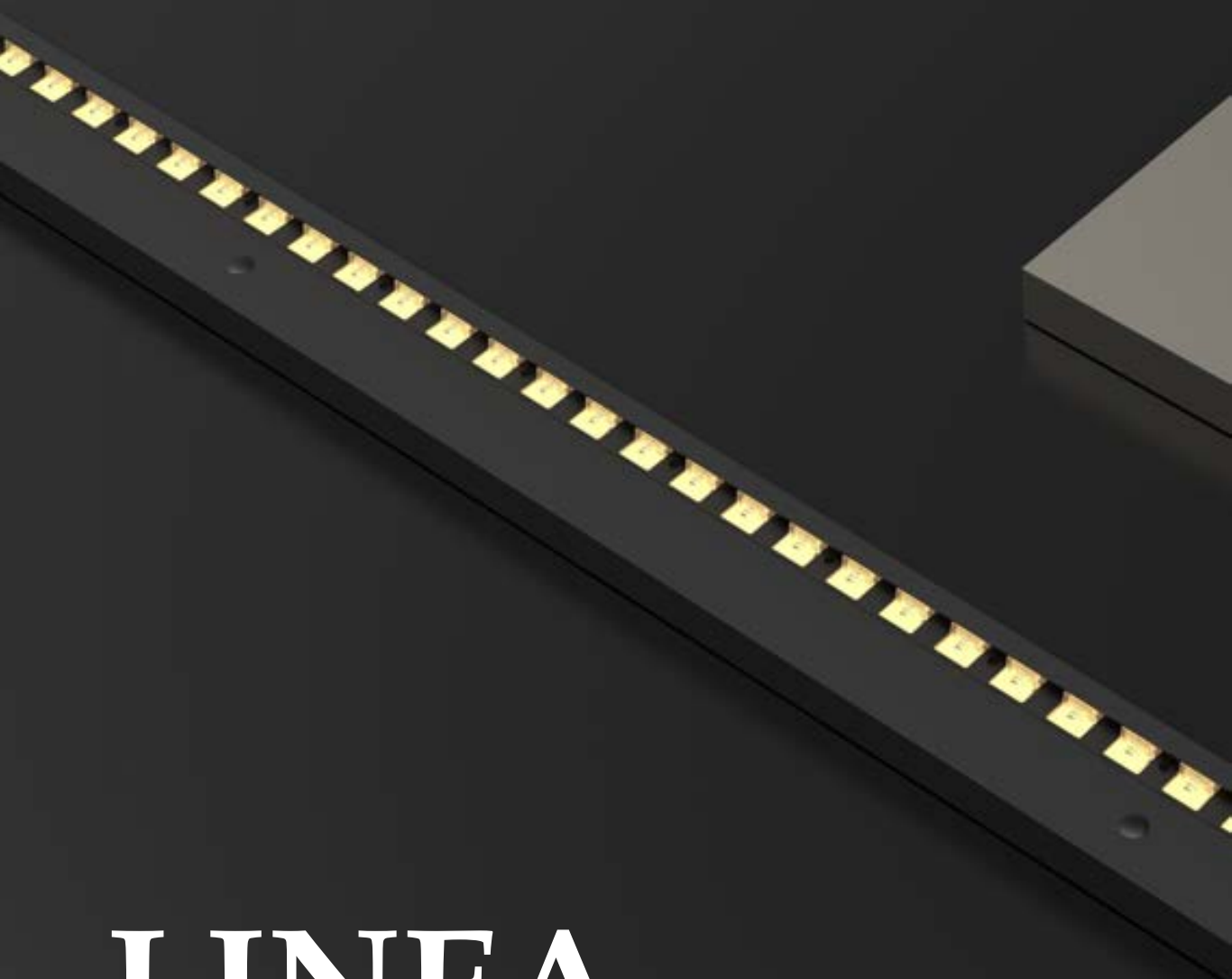
Optical parameters

Beam Angle	30°	60°	30*45°	15°
------------	-----	-----	--------	-----

Light Flow	1926.23 lm	1856.12 lm	1687.25 lm	258.5 lm
------------	------------	------------	------------	----------

Photo Distance Relationship	30°			60°			30*45°			15°		
	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)	h(m)	E0°(lx)	ø(m)
1.50	1451.49	0.89		1.50	1356.78	0.95	1.50	1198.58	0.86	1.50	996.43	0.86
2.25	645.11	1.34		2.25	856.14	1.48	2.25	986.46	1.25	2.25	587.30	1.05
3.50	266.60	2.08		3.50	589.74	2.53	3.50	456.08	2.32	3.50	236.08	1.72
4.00	204.12	2.38		4.00	145.68	2.58	4.00	272.62	2.48	4.00	127.62	2.11





LINEA
SURFACE

LINEA SURFACE 600MM

Product Model CTR-PG2626D/L600/21W

Product size L600*W26*H26mm

Material 6063 aluminum

Appearance color black/white

Protection grade IP65

Light: support

Source 3030/Osram

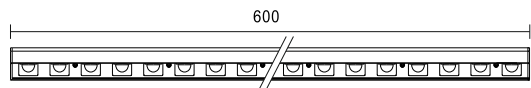
Electric voltage DC24V

Efficiency 21W

Color Temperature 4000K/3000K/2700K

CRI 90

Beam Angle: 15



Optical Parameters

Luminescent Angle 15°

Light Flow 258.5lm

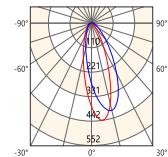
Photo Distance Relationship

h (m)	E0° (lx)	ø (m)
1.50	996.43	0.86
2.25	587.30	1.05
3.50	236.08	1.72
4.00	127.62	2.11

Light Intensity Distribution Curve unit cd

C0/C180: —

C90/C270: —



LINEA SURFACE 1200MM

Product Model CTR-PG2626D/L1200/42W

Product size L1200*W26*H26mm

Material 6063 aluminum

Appearance color black/white

Protection grade IP65

Light: support

Source 3030/Osram

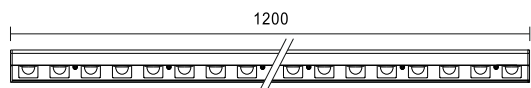
Electric voltage DC24V

Efficiency 42W

Color Temperature 4000K/3000K/2700K

CRI 90

Beam Angle: 15



Optical Parameters

Luminescent Angle 15°

Light Flow 258.5lm

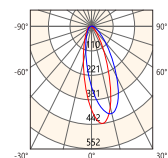
Photo Distance Relationship

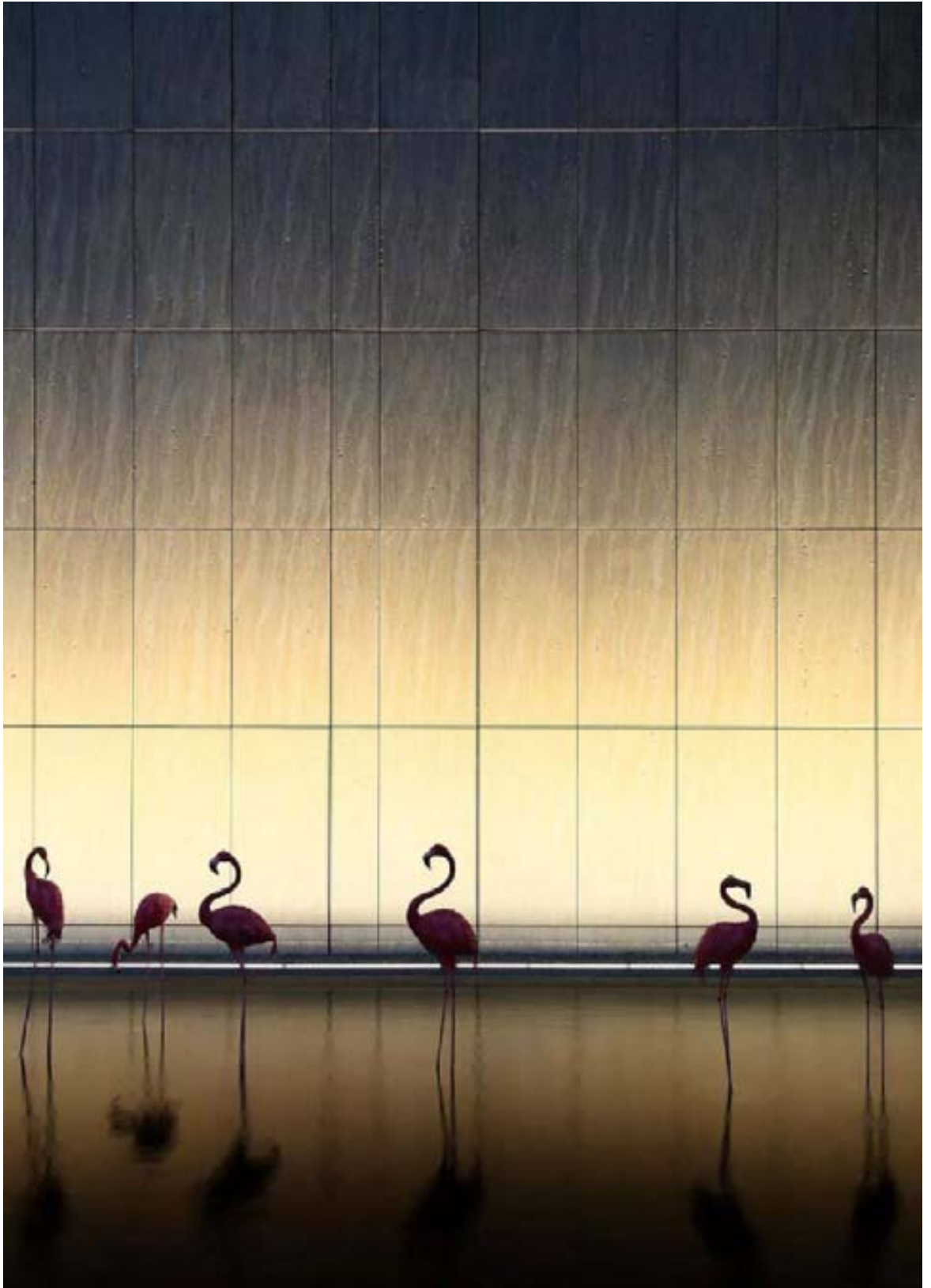
h (m)	E0° (lx)	ø (m)
1.50	996.43	0.86
2.25	587.30	1.05
3.50	236.08	1.72
4.00	127.62	2.11

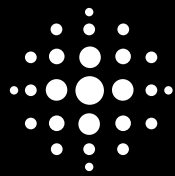
Light Intensity Distribution Curve unit cd

C0/C180: —

C90/C270: —







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