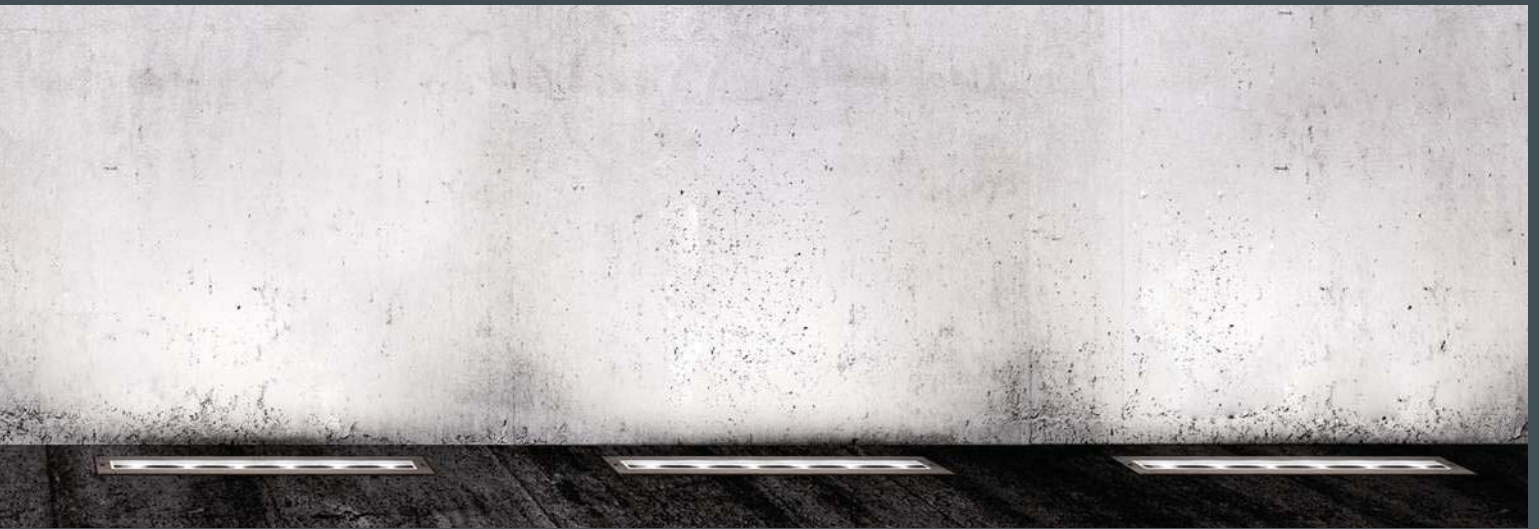


The Upline 600 series are linear in-ground uplighters which are characterised by their versatility and compact dimensions for discrete installation. The products are available with wall washer or asymmetrical distribution optics. This allows for optimal results, depending on the distance between the façade and luminaire. Thanks to their very wide beam distribution, the wall washer optics create very little shadow between luminaires. The range is completed with a diffuse wide beam version as an orientation marker.

DSNY 125, New York/USA

Lighting design: Domingo Gonzalez Associates, New York





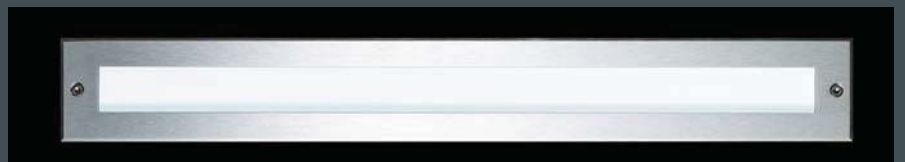
Wall washer optics for
façade illumination from
a short distance.

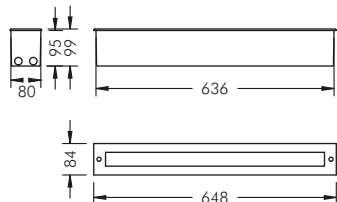


Asymmetrical optics for
façade illumination from
a greater distance.



Orientation luminaire with
diffuse light distribution.



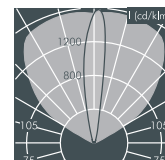
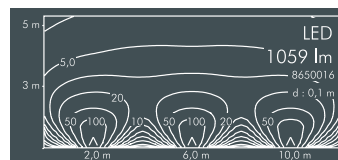


Upline 600

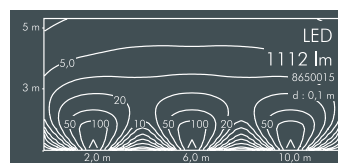
With high performance LEDs,
 CRI: > 80, Colour tolerance: max. 2 SDCM
 Service life: L90/B10 > 50 000 h
 protection class I, IP67 $\blacklozenge \blacktriangle \blacktriangle$
 corrosion-resistant die cast aluminium housing AlSi12,
 double powder coated,
 tempered safety glass flush with frame,
 for loads up to max. 2000 kg (according to
 DIN EN 60598-2-13), silicon gasket,
 V4A stainless steel cover frame and 2 screws,
 stainless steel cable gland, 1 m cable H07RN-F3G1,
 with polypropylene recess housing,
 integral potted driver (AC/DC)

Upline 600, wall washer

Part number	Light source	Luminous flux	Beam angle γ (FWHM)	
			C 0 – 180	C 90 – 270
8 650 016 009	6 x LED 2.5 W warm white (3000 K)	1059 lm	12°	108°

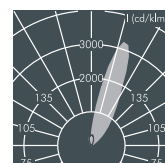
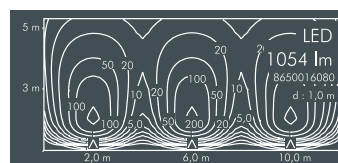


Part number	Light source	Luminous flux	Beam angle γ (FWHM)	
			C 0 – 180	C 90 – 270
8 650 015 009	6 x LED 2.5 W neutral white (4000 K)	1112 lm	12°	108°

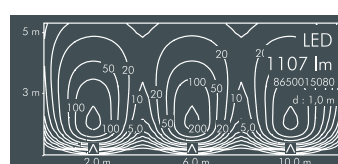


Upline 600, asymmetrical beam

Part number	Light source	Luminous flux	Main beam angle γ
			8 650 016 089



Part number	Light source	Luminous flux	Main beam angle γ
			8 650 015 089

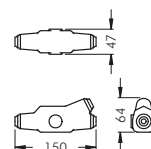


Part number	Description
. 1..	Dimmable luminaire (DALI)
. 2..	Dimmable luminaire (1-10 V)

The plastic recess housing can be supplied separately before the luminaire installation.

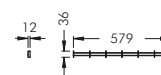
Accessories Upline 600, wall washer and asymmetrical beam

Part number	Description
226 0 161 000	Cast-resin connection box , for single connection to luminaire or for through wiring with buried cable. For luminaires supplied with cable and installation sleeve (recess box).



Accessories Upline 600, wall washer

Part number	Description
126 0 350 940	Louvre , stainless steel, to avoid glare



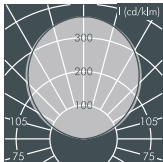
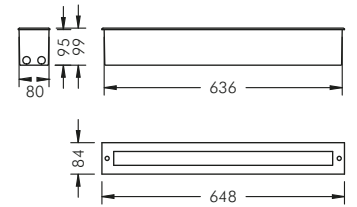
LED (see page 185)

Luminaires available in 2700 K and other colour temperatures on request



Upline 600 orientation luminaire

With linear LED module (Zhaga),
 CRI: > 80, Colour tolerance: 3 SDCM
 Service life: L80/B20 > 50 000 h
 protection class I, IP67 $\blacklozenge\blacklozenge\blacklozenge$
 corrosion-resistant die cast aluminium housing AISi12,
 double powder coated,
 tempered safety glass flush with frame,
 for loads up to max. 2000 kg (according to
 DIN EN 60598-2-13), silicon gasket,
 V4A stainless steel cover frame and 2 screws,
 stainless steel cable gland, 1 m cable H07RN-F3G1,
 with polypropylene recess housing,
 integral potted driver (AC/DC)



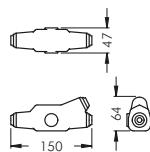
Upline 600 orientation luminaire

Part number	light source	Luminous flux	Beam angle γ (FWHM)	
8 650 016 099	2 x LED linear modules 9.5 W warm white (3000 K)	566 lm	C 0 – 180	C 90 – 270

Part number	light source	Luminous flux	Beam angle γ (FWHM)	
8 650 015 099	2 x LED linear modules 9.5 W neutral white (4000 K)	584 lm	C 0 – 180	C 90 – 270

Part number	Description
. 1 . .	Dimmable luminaire (DALI)
. 2 . .	Dimmable luminaire (1-10 V)

The plastic recess housing can be supplied separately before the luminaire installation.



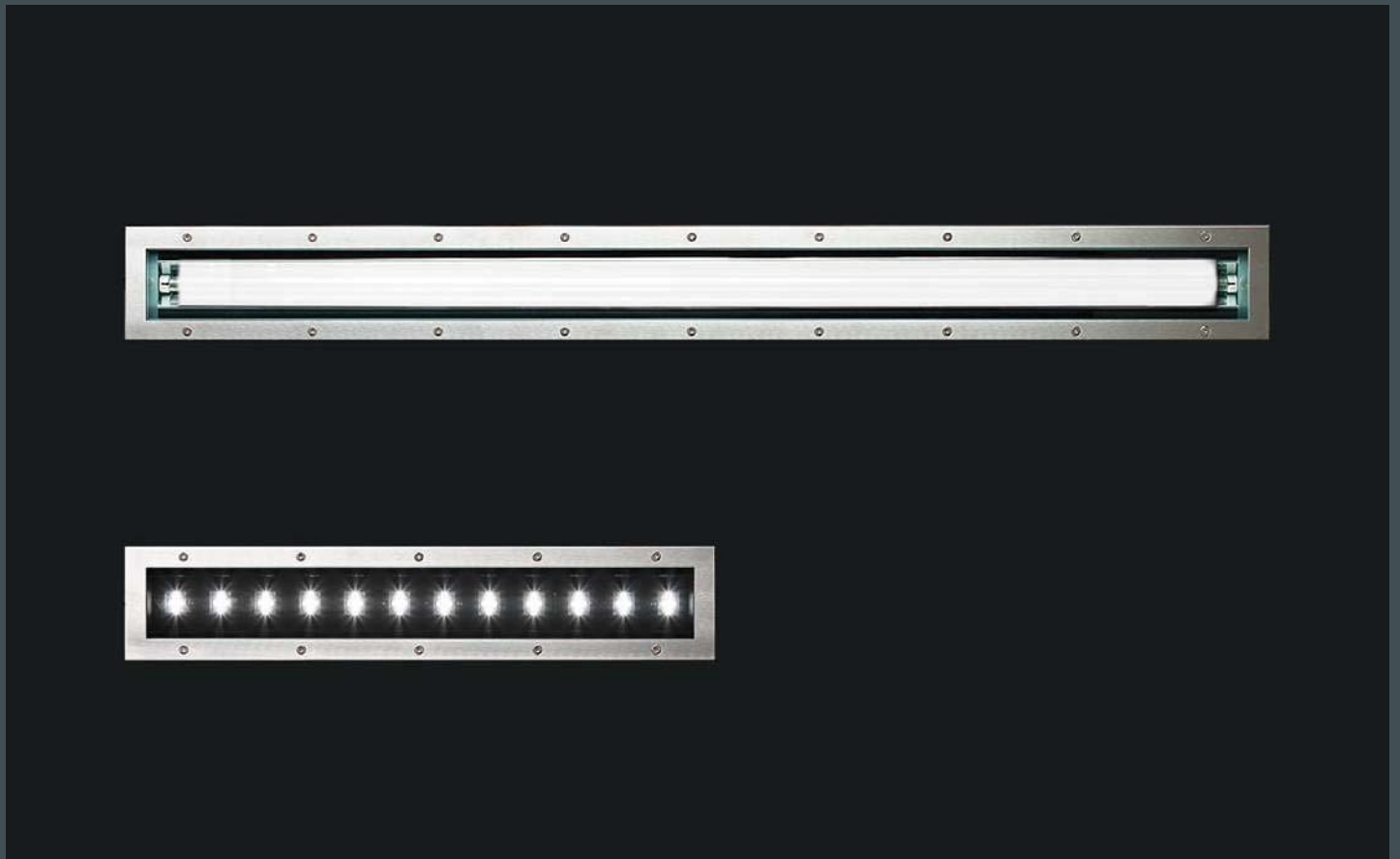
Accessories Upline 600 orientation luminaire

Part number	Description
226 0 161 000	Cast-resin connection box , for single connection to luminaire or for through wiring with buried cable. For luminaires supplied with cable and installation sleeve (recess box).

LED (see page 185)

Luminaires available in 2700 K and other colour temperatures on request



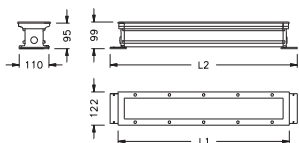


The linear ground-recessed luminaires are available in 4 lengths with LEDs and for T16 lamps, with symmetrical and asymmetrical reflectors. The robust design and execution ensure long-lasting service even under harsh conditions.



Dockland Hamburg/Germany
Architecture: BRT Architekten
Lighting design: Christian Feck



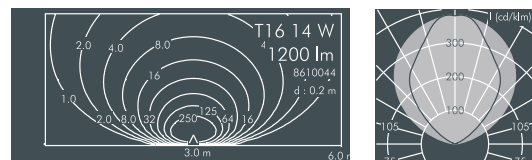


Upline linear wall washer

For T16 fluorescent lamps or with high performance LEDs, integral temperature monitoring device, protection class I, IP67 $\blacklozenge \blacktriangle \blacktriangledown$, IK09 housing made of extruded aluminium profile and corrosion-resistant die cast aluminium housing AlSi12, axially symmetrical high gloss aluminium reflector, tempered safety glass flush with frame, for loads up to max. 5000 kg (according to DIN EN 60598-2-13), silicon gasket, V4A stainless steel cover frame and screws, M20 stainless steel cable gland, facility for through wiring, sealed integral electronic ballast or LED driver, supplied without lamp

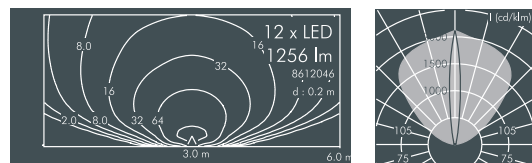
Upline linear, L1 = 635 mm, L2 = 695 mm

Part number	Lamp	Lampholder	Weight	Beam angle γ (FWHM)	
				C 0 - 180	C 90 - 270
8 610 044 009	T16 14/24 W	G5	7.1 kg	82°	109°



Upline linear, L1 = 635 mm, L2 = 695 mm

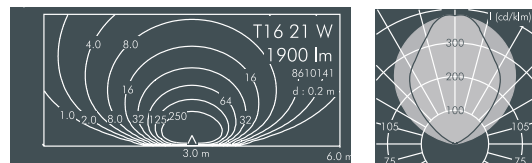
Part number*	Light source	Luminous flux	Beam angle γ (FWHM)	
			C 0 - 180	C 90 - 270
8 612 046 009	12 x LED 2.5 W warm white (3000 K), wall washer	1256 lm	10°	99°



*These luminaires are also available with neutral white LEDs (4000 K) upon request.

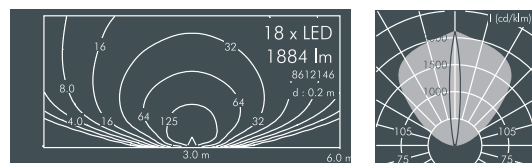
Upline linear, L1 = 935 mm, L2 = 995 mm

Part number	Lamp	Lampholder	Weight	Beam angle γ (FWHM)	
				C 0 - 180	C 90 - 270
8 610 141 009	T16 21/39 W	G5	9.4 kg	82°	109°



Upline linear, L1 = 935 mm, L2 = 995 mm

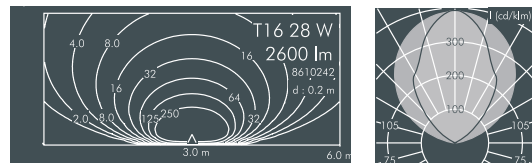
Part number*	Light source	Luminous flux	Beam angle γ (FWHM)	
			C 0 - 180	C 90 - 270
8 612 146 009	18 x LED 2.5 W warm white (3000 K), wall washer	1884 lm	10°	99°



*These luminaires are also available with neutral white LEDs (4000 K) upon request.

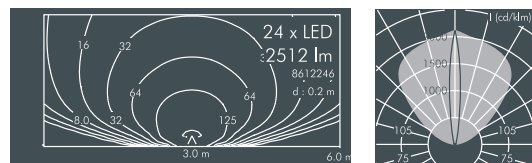
Upline linear, L1 = 1235 mm, L2 = 1295 mm

Part number	Lamp	Lampholder	Weight	Beam angle γ (FWHM)	
				C 0 - 180	C 90 - 270
8 610 242 009	T16 28/54 W	G5	11.7 kg	82°	109°



Upline linear, L1 = 1235 mm, L2 = 1295 mm

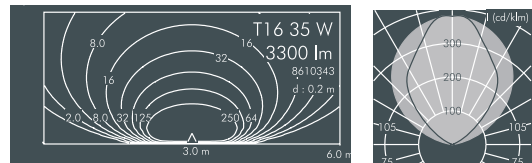
Part number*	Light source	Luminous flux	Beam angle γ (FWHM)	
			C 0 - 180	C 90 - 270
8 612 246 009	24 x LED 2.5 W warm white (3000 K), wall washer	2512 lm	10°	99°



*These luminaires are also available with neutral white LEDs (4000 K) upon request.

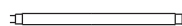
Upline linear, L1 = 1535 mm, L2 = 1595 mm

Part number	Lamp	Lampholder	Weight	Beam angle γ (FWHM)	
				C 0 - 180	C 90 - 270
8 610 343 009	T16 35/49/80 W	G5	14.0 kg	82°	109°



Lamps

T16

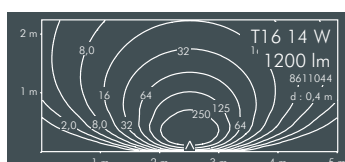
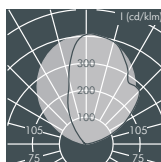
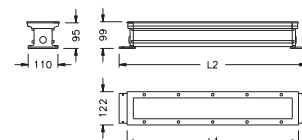


LED (see page 185)



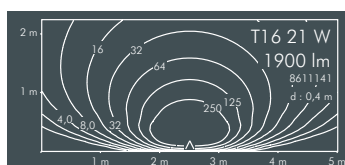
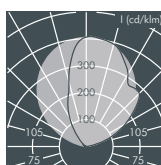
Upline linear asymmetrical wide beam

For T16 fluorescent lamps
protection class I, IP67 $\blacklozenge\blacklozenge\blacklozenge$, IK09
housing made of extruded aluminium profile and
corrosion-resistant die cast aluminium housing AlSi12,
asymmetrical high gloss aluminium reflector,
tempered safety glass flush with frame,
for loads up to max. 5000 kg (according to
DIN EN 60598-2-13), silicon gasket,
V4A stainless steel cover frame and screws,
M20 stainless steel cable gland,
facility for through wiring,
sealed integral electronic ballast,
supplied without lamp



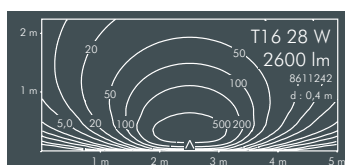
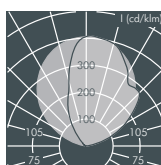
Upline linear, asymmetrical wide beam, L1 = 635 mm, L2 = 695 mm

Part number	Lamp	Lampholder	Weight	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 611 044 009	T16 14/24 W	G5	7.1 kg	74°	105°



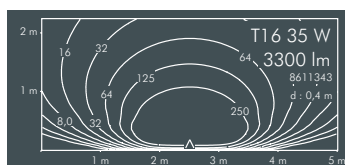
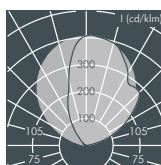
Upline linear, asymmetrical wide beam, L1 = 935 mm, L2 = 995 mm

Part number	Lamp	Lampholder	Weight	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 611 141 009	T16 21/39 W	G5	9.4 kg	74°	105°



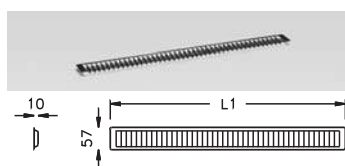
Upline linear, asymmetrical wide beam, L1 = 1235 mm, L2 = 1295 mm

Part number	Lamp	Lampholder	Weight	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 611 242 009	T16 28/54 W	G5	11.7 kg	74°	105°



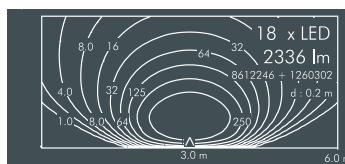
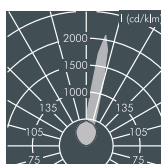
Upline linear, asymmetrical wide beam, L1 = 1535 mm, L2 = 1595 mm

Part number	Lamp	Lampholder	Weight	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 611 343 009	T16 35/49/80 W	G5	14 kg	74°	105°



Accessories Upline linear T16

Part number	Length of the corresp. luminaire	L1	Description
126 0 129 940	635 mm	600 mm	Louvre , aluminium, to avoid glare lengthwise
126 0 130 940	935 mm	900 mm	
126 0 131 940	1235 mm	1200 mm	
126 0 132 940	1535 mm	1500 mm	



Accessories Upline linear LED

Part number	Light source	L1	Description
126 0 300 000	12 x LED 2.5 W	635 mm	Linear prism for asymmetrical beam, internally fitted
126 0 301 000	18 x LED 2.5 W	935 mm	
126 0 302 000	24 x LED 2.5 W	1235 mm	

Lamps

T16



LED (see page 185)

