



InstaLighting

# Elements

**Shape your Light**



## Elements Px

Light pixels with a choice of optics can be configured to create linear or area lighting systems. You can combine several light colours and light distributions in a single luminaire.



## Elements Ln

Linear lighting elements can be configured to create light line systems with different lengths and light distributions.

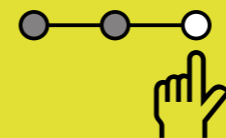


InstaLighting Elements allows you to combine individual light pixels and light line systems with a choice of optics, colour effects and control management solutions to create bespoke luminaires.

With just a few steps, you can thus shape the right light for your project in high-end quality.

With Elements, OEMs can quickly and easily configure products for series production with their own bespoke housing. The clever way to reduce development times and costs.

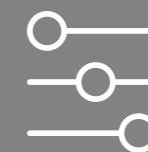
Get your complete luminaire concept in just 3 steps.



Combine several light colours and light distribution curves in a single luminaire



Assign a control management concept



Design your bespoke housing and branding (OEMs)



# Example configurations ...

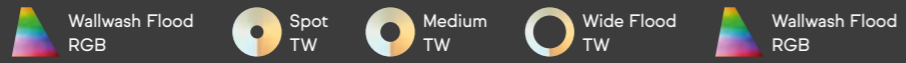
## Indoor

NoLimit Spot HS  
Elements Px



HS 2/4

NoLimit Linear HO  
Elements Px



HO 1/10

## Outdoor

Outdoor Spot SQ  
Elements Px



SQ 2/2



SQ 1/12

Inground Spot SQI  
Elements Px



SQI 1/12

# ... and applications



Illumination of different-sized objects, for example in shops or museums



Different lighting scenes in a restaurant create moods for different times of day



Illumination of facade elements



Illumination of a tree varies with the seasons

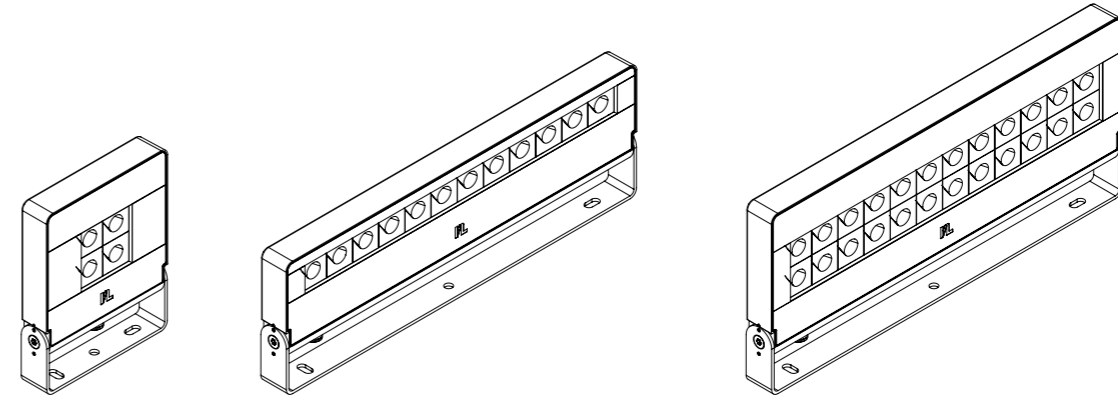
# Outdoor Spot SQ



**Elements Pixel SQ 2/2**  
 Example configuration  
 26W,  
 approx. 1,400lm in the white spectrum

Wallwash Medium  
 TW

## Product variations and dimensions (mm)



SQ 2/2

SQ 1/12

SQ 2/12

Product variation	L	H	D
SQ 2/2	190	245	40
SQ 1/12	550	180	40
SQ 2/12	550	245	40

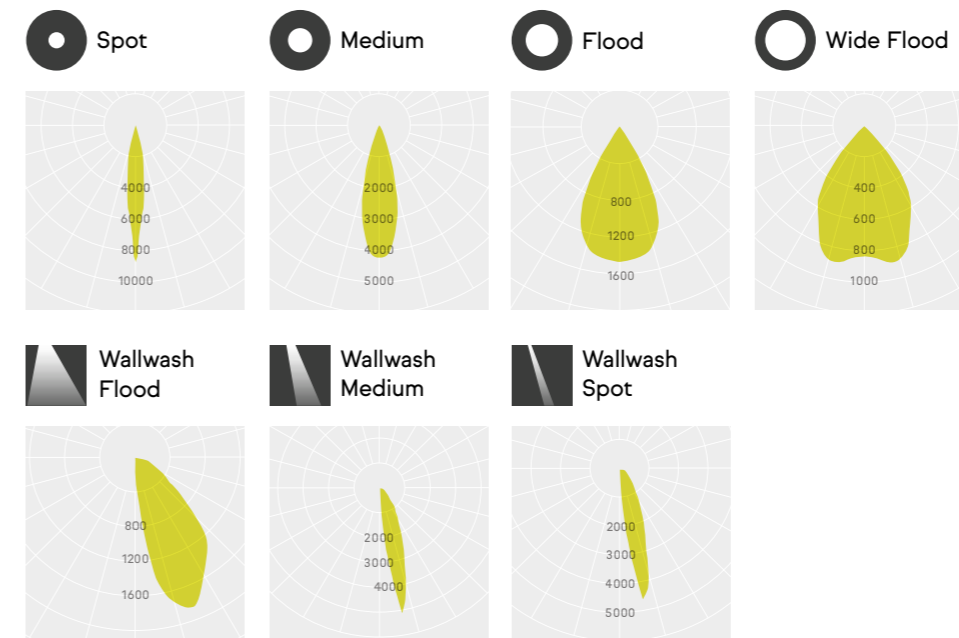
## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

Per double pixel

Product variations

Product variation	SQ 2/2	SQ 1/12	SQ 2/12
Power	26W	70W	130W
Luminous flux	up to 1400lm@3.000K	up to 3600lm@3.000K	up to 7200lm@3.000K

## Additional product features



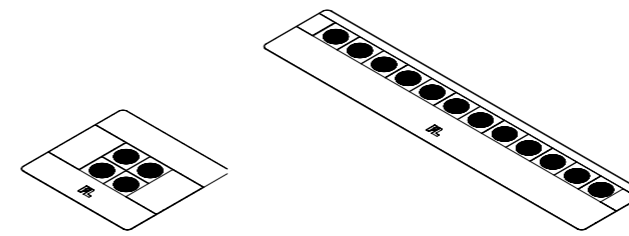
# Inground Spot SQL 1/12



Elements Pixel 1 x 12  
Example configuration  
70W/2.700lm



## Product variations and dimensions (mm)



SQI 2/2

SQI 1/12

Product variation	L	W	D
SQI 2/2	190	200	160
SQI 1/12	550	135	160

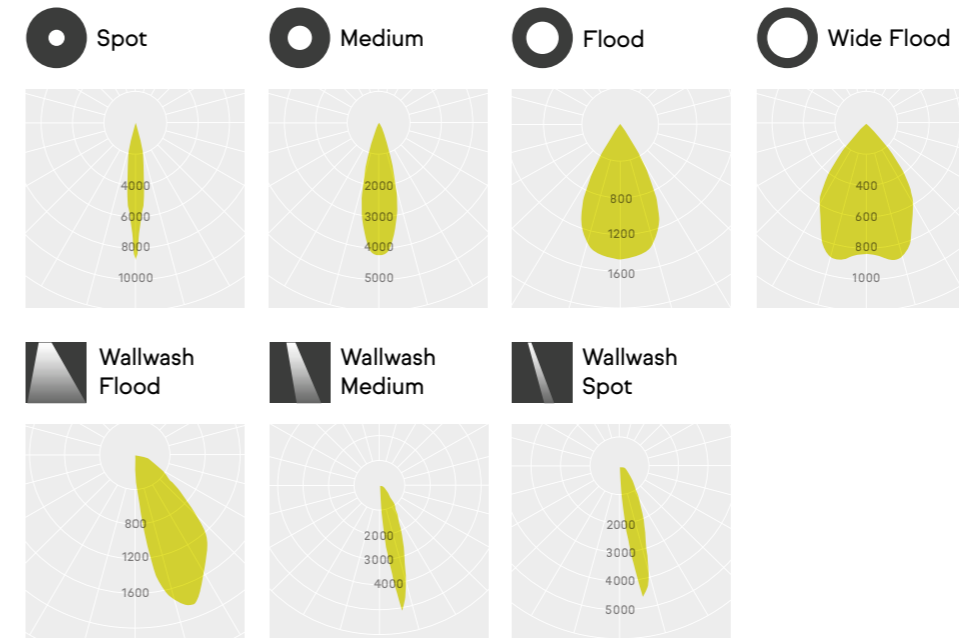
## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

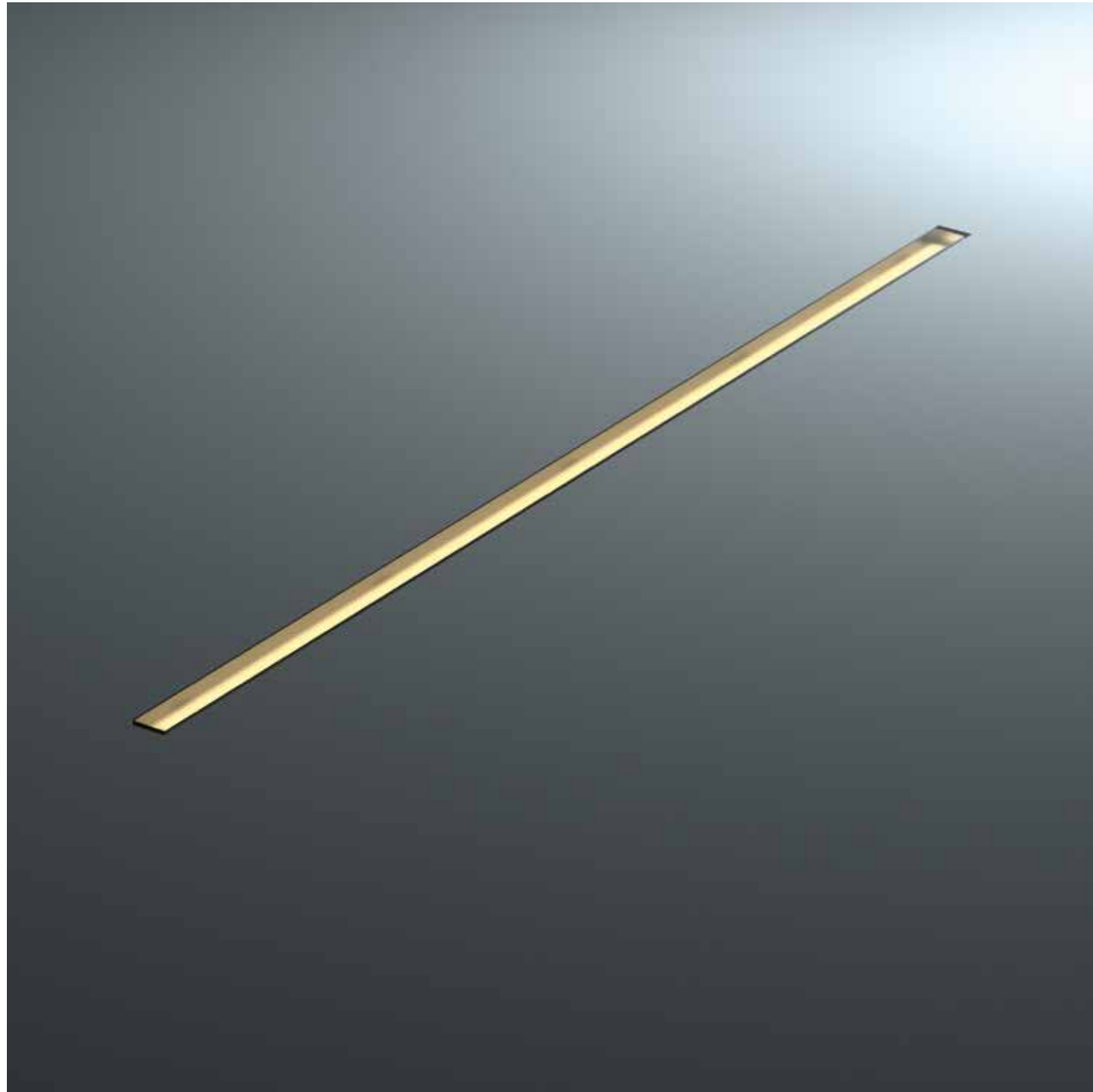
Product variations

SQI 2/2	SQI 1/12
26W	70W
up to 1400lm@3.000K	up to 3600lm@3.000K

## Additional product features

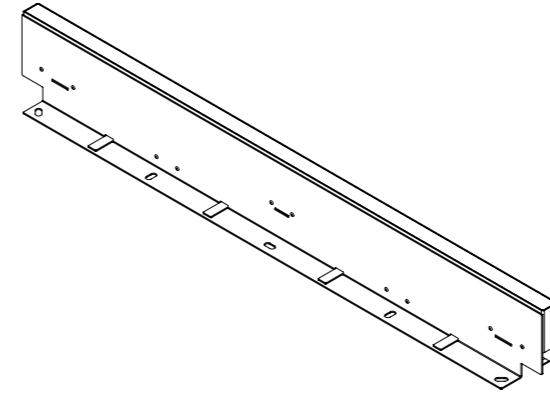


# Inground Lightline il1060 Elements



**Elements Linear**  
Example configuration  
il1060  
20W, 1.000lm

## Product variations and dimensions (mm)



Inground Lightline il1060

Product variation	L	W	D
Inground Lightline il1060	1000	29	125

## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

Product variations

**LEDLUX Narrow/Wallwash Flood/Handrail**  
20W  
up to 1000lm@3.000K

**LEDLUX Clear/Satinice**  
10W  
up to 370lm@3.000K

## Additional product features

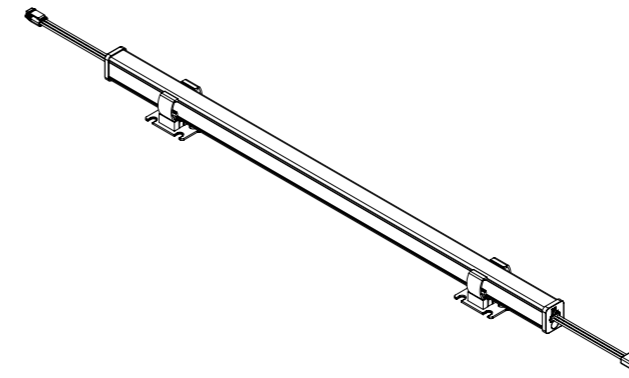


# LEDLUX Clear/Satinice



**Elements Linear**  
 Example configuration  
 20W  
 1.800lm/m Clear

## Product variations and dimensions (mm)



LEDLUX Clear/Satinice

Product variation	L	W	D
LEDLUX Clear/Satinice	172 - 2283	16	22,5

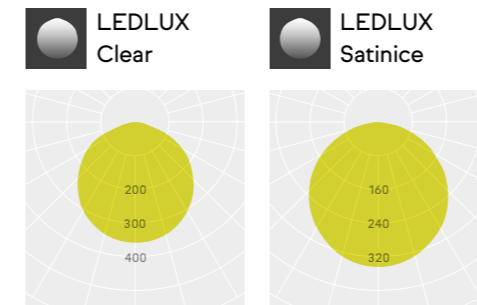
## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

Product variations

LEDLUX Clear/Satinice 48V	LEDLUX Clear/Satinice 230V
20W	9,2W
up to 1800lm/m@3.000K	up to 650lm/m@3.000K

## Additional product features

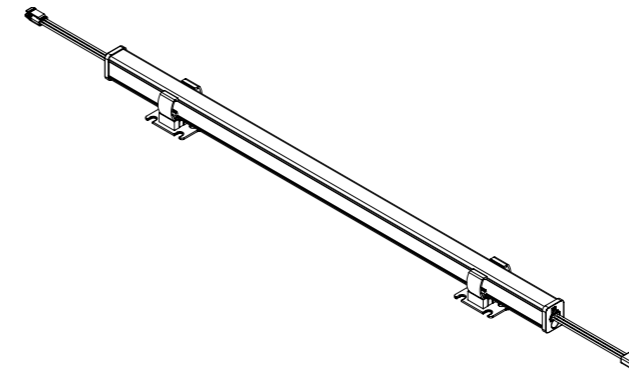


# LEDLUX Narrow/Wallwash Flood/Handrail



Elements Linear  
Example configuration  
20W  
1.100lm/m Narrow

## Product variations and dimensions (mm)



LEDLUX Narrow/Wallwash Flood/Handrail

Product variation	L	W	D
LEDLUX Narrow/Wallwash Flood/Handrail	172 - 2283	16	22,5

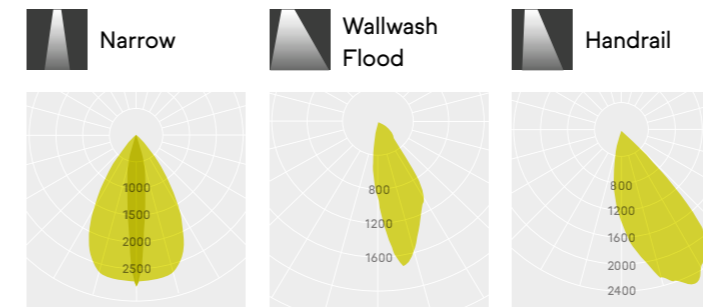
## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

Product variation

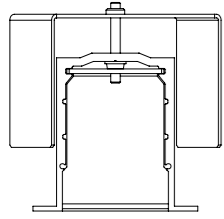
LEDLUX Narrow/Wallwash Flood/Handrail  
20W  
up to 1100lm/m@3.000K

## Additional product features





# NoLimit Spot HS



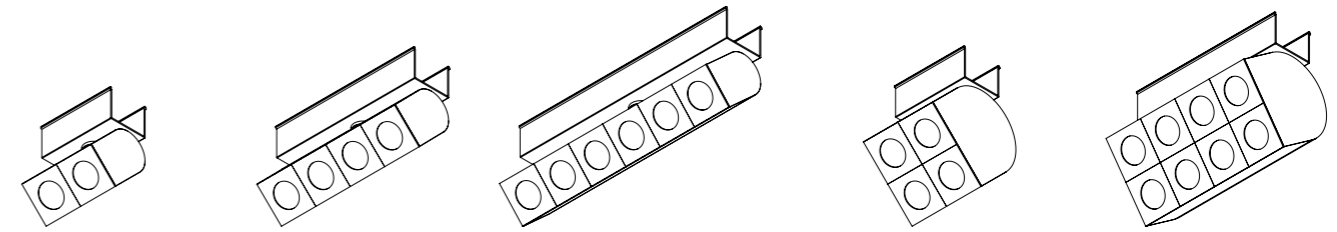
**NoLimit** is a flexible system of profiles and modular light inserts. Elements extends NoLimit through the addition of a wide-ranging portfolio with maximum lighting quality for indoor and outdoor applications.



**Elements Pixel 2 x 4**  
Example configuration  
40W/2.000lm  
TW 2.000K – 5.700K



## Product variations and dimensions (mm)



Product variation	L	W	H
HS 1/2	82	41	105
HS 1/4	164	41	105
HS 1/6	246	41	146
HS 2/2	82	82	105
HS 2/4	164	82	146

HS 2/2  
available from Q4 2020

HS 2/4  
available from Q4 2020

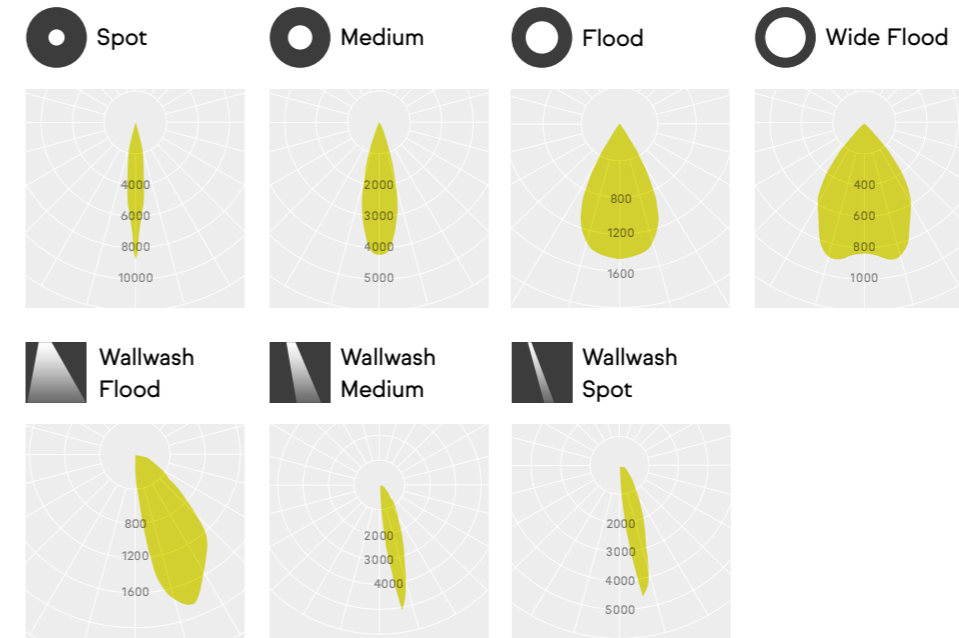
## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

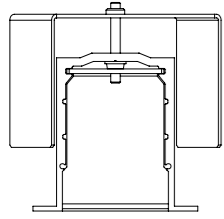
Per double pixel      Product variations

	HS 1/2	HS 1/4	HS 1/6	HS 2/2	HS 2/4
10W	10W	20W	30W	20W	40W
700lm@ 3.000K, RA >90	up to 700lm@ 3.000K	up to 1400lm@3.000K	up to 2100lm@3.000K	1400lm@3.000K	up to 2800lm@3.000K

## Additional product features



# NoLimit Linear HO



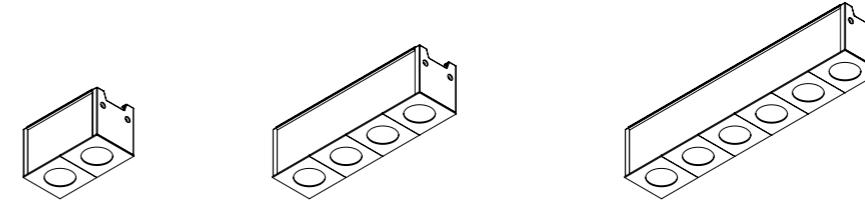
**NoLimit** is a flexible system of profiles and modular light inserts. Elements extends NoLimit through the addition of a wide-ranging portfolio with maximum lighting quality for indoor and outdoor applications.



**Elements Pixel HO 1/10**  
Example configuration  
50W  
3.200lm@3.000K/RA>90



## Product variations and dimensions (mm)



HO 1/2

HO 1/4

HO 1/6

Product variation	L	W	D	Product variation	L	W	D
HO 1/2	82	41	48	HO 1/8	328	41	48
HO 1/4	164	41	48	HO 1/10	410	41	48
HO 1/6	246	41	48	HO 1/12	492	41	48

The minimum length of a double pixel is 82 mm.  
You can configure length variations of multiples of 82 mm accordingly: 82 mm, 164 mm, 246 mm, 328 mm, 410 mm ...  
The maximum version is 1/28 (14 double pixels)

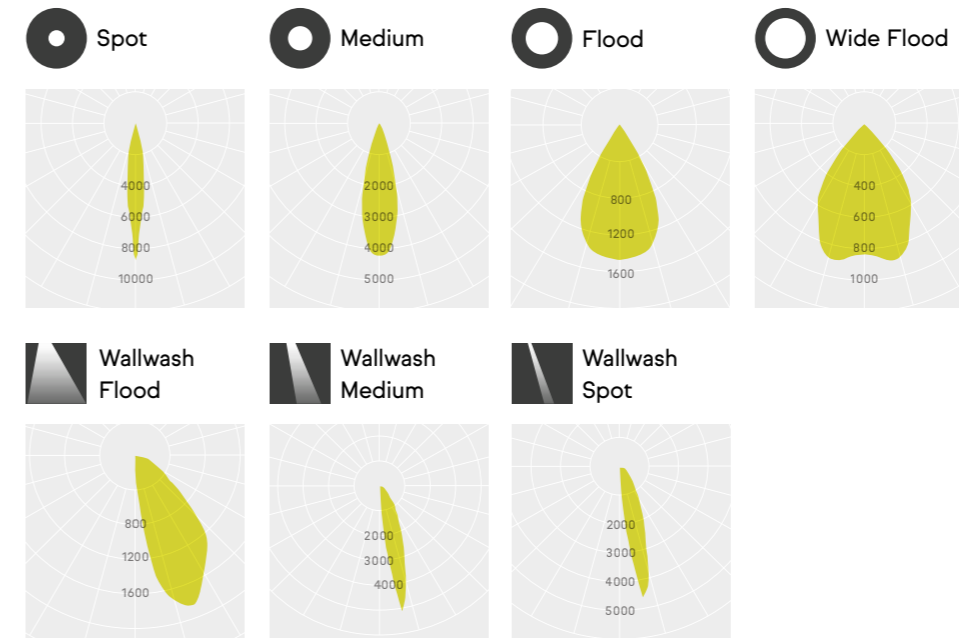
## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



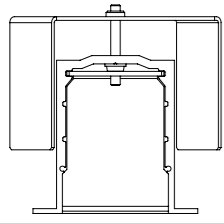
## Maximum power and luminous flux

Per double pixel	Product variations					
10W 700lm@3000K/RA>90	<b>HO 1/2</b> 10W up to 700lm@3.000K	<b>HO 1/4</b> 20W up to 1400lm@3.000K	<b>HO 1/6</b> 30W up to 2100lm@3.000K	<b>HO 1/8</b> 40W up to 2800lm@3.000K	<b>HO 1/10</b> 50W up to 3500lm@3.000K	
	<b>HO 1/12</b> 60W up to 4.00lm@3.000K					

## Additional product features



# NoLimit Linear ML



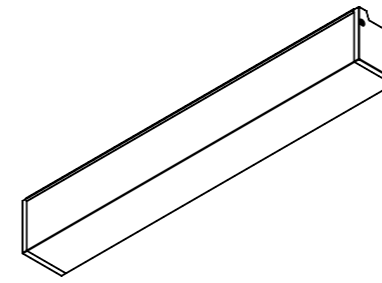
**NoLimit** is a flexible system of profiles and modular light inserts. Elements extends NoLimit through the addition of a wide-ranging portfolio with maximum lighting quality for indoor and outdoor applications.



**Elements Linear ML**  
 Example configuration  
 ML 700mm  
 20W/m 1.600lm/m  
 Montageort Decke

Satinice  
 3.000K

## Product variations and dimensions (mm)



NoLimit Linear ML

Product variation	L	W	D
NoLimit Linear ML	200 - 2300	41	48

The minimum length is 253 mm.  
 The segment length is 162 mm.  
 You can configure other length variations accordingly: 253 mm , 415 mm, 577 mm, 739 mm ...  
 The maximum length is 1955 mm.

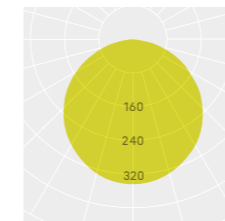
## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

LEDLUX  
 Satinice



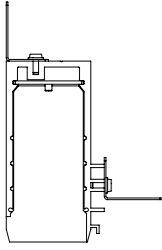
## Maximum power and luminous flux

NoLimit Linear ML  
 20 W  
 1600lm/m@3000K RA>90

## Additional product features



# NoLimit Linear Pivot PL

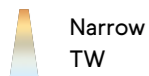


## NoLimit

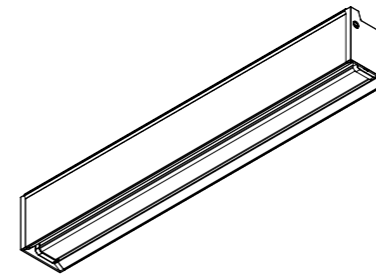
is a flexible system of profiles and modular light inserts. Elements extends NoLimit through the addition of a wide-ranging portfolio with maximum lighting quality for indoor and outdoor applications.



**NoLimit Linear**  
 Example configuration  
 20W, 1.000lm/m  
 3 light inserts in the  
 NoLimit corner connector light cove



## Product variations and dimensions (mm)



NoLimit Linear ML

Product variation	L	W	D
NoLimit Linear Pivot AL	182 - 2293	41	48

Segment length 162mm  
 Variable lengths from 182 mm to 2293 mm

## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

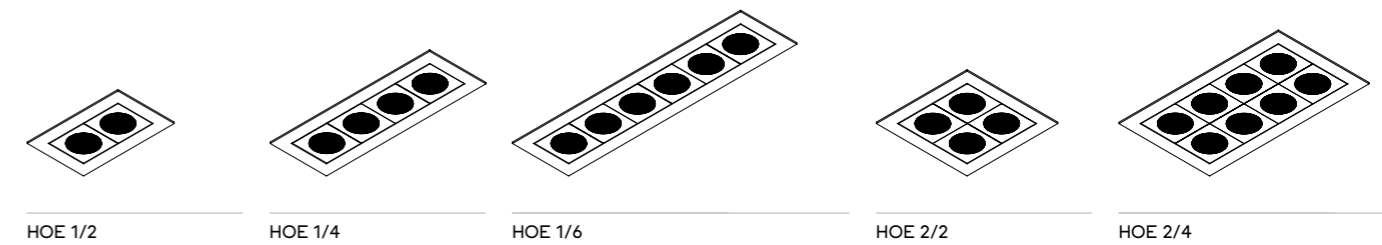
NoLimit Linear Pivot PL  
 20W  
 1000lm/m@3.000K

## Additional product features



# Recessed Luminaires HOE

## Product variations and dimensions (mm)



Product variation	L	W
HOE 1/2	108	67
HOE 1/4	190	67
HOE 1/6	272	67
HOE 2/2	108	108
HOE 2/4	190	108

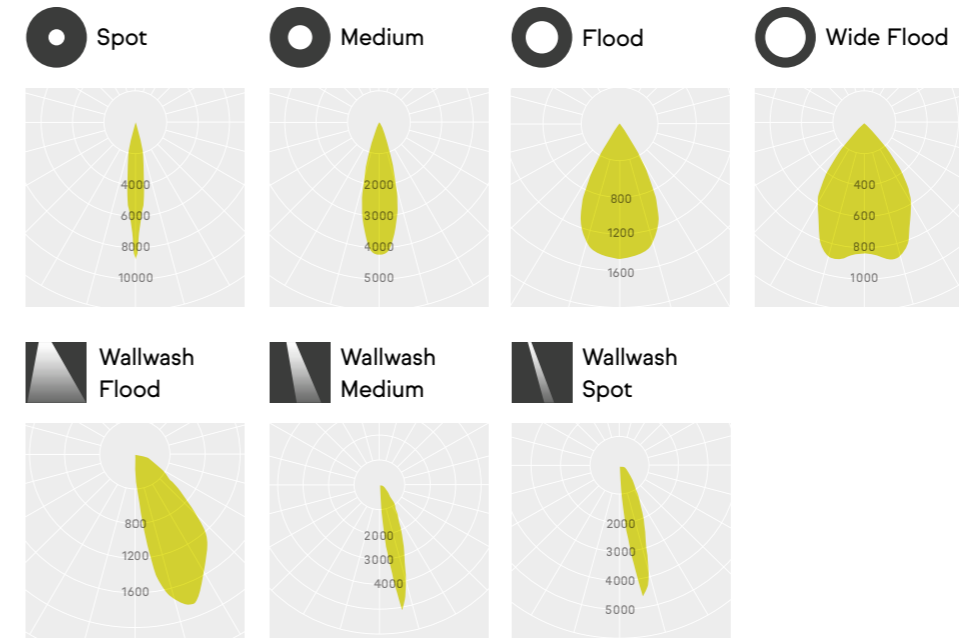
## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

Per double pixel	Product variations				
10W 700lm@3.000K	HOE 1/2 10W up to 700lm@3.000K	HOE 1/4 20W up to 1400lm@3.000K	HOE 1/6 30W up to 2100lm@3.000K	HO 2/2 20W up to 1.00lm@3.000K	HO 2/6 40W up to 2800lm@3.000K

## Additional product features



Elements Pixel HOE 1/4  
Example configuration  
20W  
1.400lm



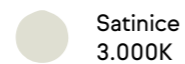
# Recessed Luminaire Pivot PLE



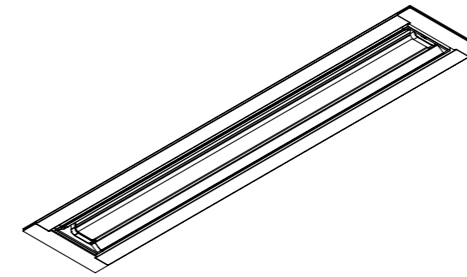
**Elements Linear (Bild oben)**  
 Example configuration 20W, 1.000lm/m  
 Narrow/Wallwash Flood/Handrail  
 Einbauposition Wand  
 (für Ausleuchtung von Verkehrsflächen)



**Elements Linear (picture bottom)**  
 Example configuration 20W, 1,600 lm/m  
 Clear/Satinice  
 Ceiling installation  
 (for shadow-free illumination/general lighting)



## Product variations and dimensions (mm)



### Recessed Luminaire Pivot PLE

Product variation	L	W	D
Recessed Luminaire Pivot PLE	872	67	48

Other lengths available in increments of 162 mm

## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

**LEDLUX Narrow/Wallwash Flood/Handrail**  
 20W  
 1000lm/m@3.000K

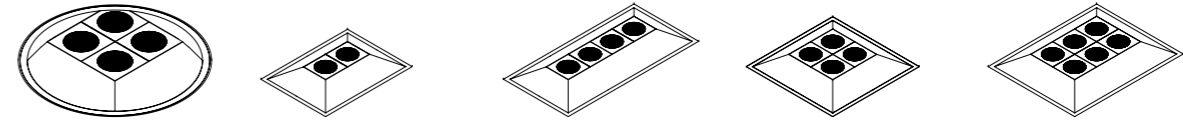
**Clear/Satinice**  
 20W  
 1600lm/m @3.000K

## Additional product features



# Recessed Luminaires HRE and HQE Design Study

## Product variations and dimensions (mm)



HRE 2/2      HQE 1/2      HQE 1/4      HQE 2/2      HQE 2/3      HQE 2/4

Product variation	L	W
HRE 2/2	165	165
HQE 1/2	162	121
HQE 1/4	244	121
HQE 2/2	162	162
HQE 2/3	203	162
HQE 2/4	244	162

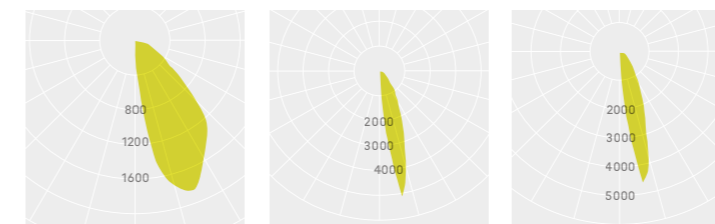
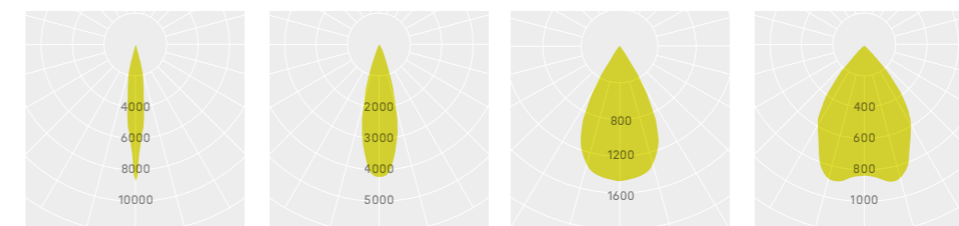
## Light colours

Several light colours can be combined in a single luminaire



## Optics and light distributions

Several light distribution curves can be combined in a single luminaire



## Maximum power and luminous flux

Per double pixel

Product variations

	HRE 2/2	HQE 1/2	HQE 2/2	HQE 1/4	HQE 2/3
10W	20W	10W	20W	20W	30W
600lm	up to 1400lm@3.000K	up to 600lm@3.000K	up to 1200lm@3.000K	up to 1200lm@3.000K	up to 1800lm@3.000K
		HQE 2/4			
		40W			
		up to 2400lm@3.000K			

## Additional product features



Elements Pixel HRE 2/2  
Example configuration  
20W, 1.400lm

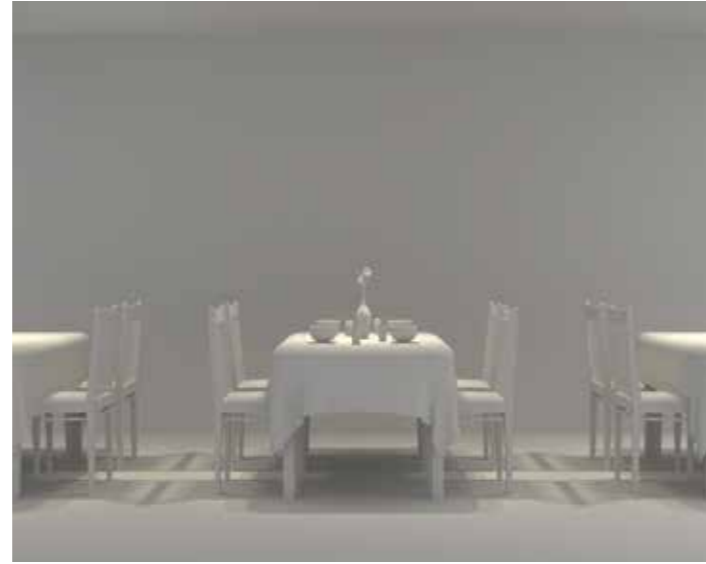


# Scope of application

## Indoor



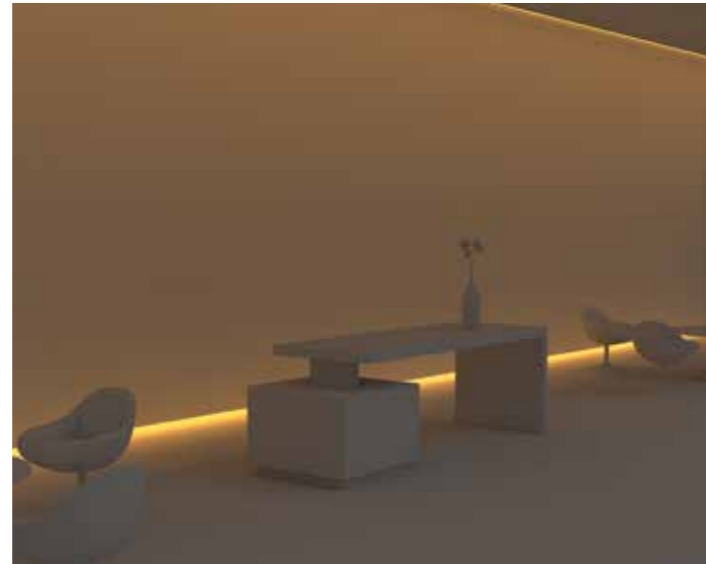
Museums and retail



Restaurants and hospitality



Malls and shops



Reception areas



Office spaces

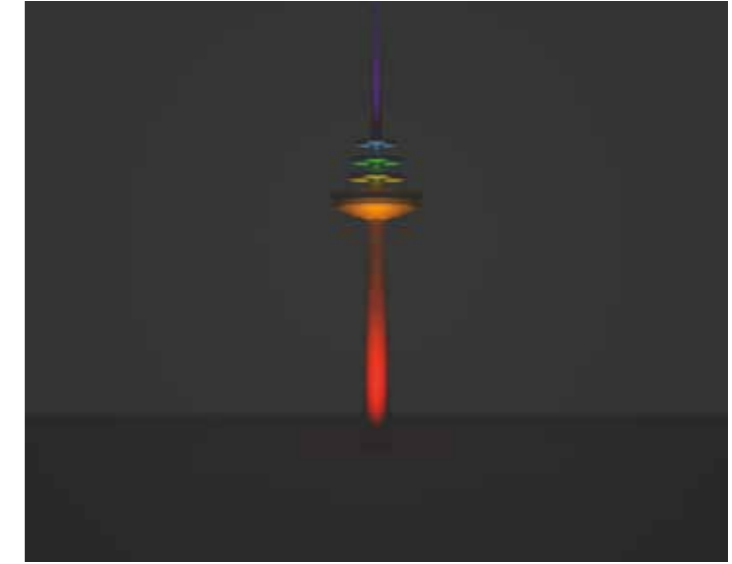


Department stores

## Outdoor



Facades and illumination



Installations and landmarks



Walkways and parks



Handrails



Infrastructure



Railway and traffic routes



# InstaLighting Elements

## Overview of product families

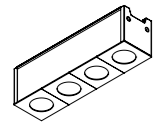
### Indoor

#### NoLimit System

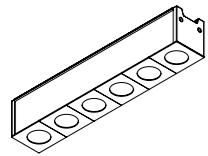
#### HO



HO 1/2

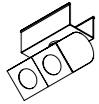


HO 1/4

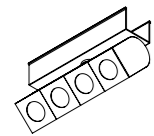


HO 1/6

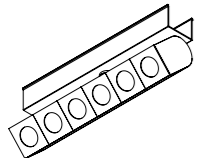
#### Spot



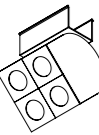
HS 1/2



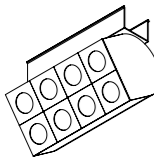
HS 1/4



HS 1/6

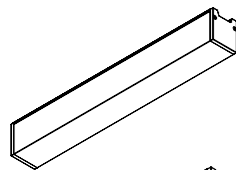


HS 2/2

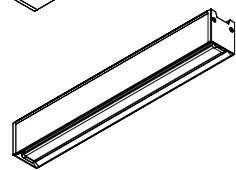


HS 2/4

#### NoLimit Linear



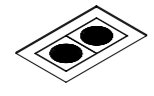
Satinice (ML)



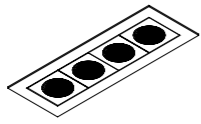
Pivot (PL)

#### Recessed Luminaires

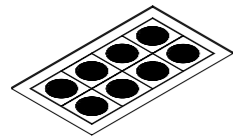
#### HOE



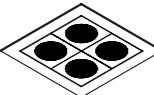
HOE 1/2



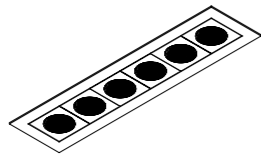
HOE 1/4



HOE 1/6



HOE 2/2



HOE 2/4

#### Linear



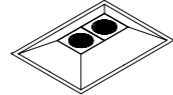
Pivot (PLE)

#### Round

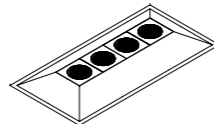


HRE 2/2

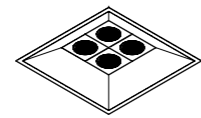
#### Square



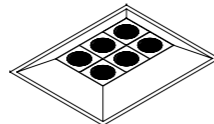
HQE 1/2



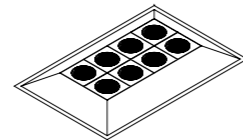
HQE 1/4



HQE 2/2



HQE 2/3



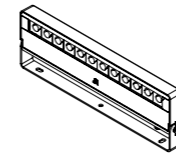
HQE 2/4

### Outdoor

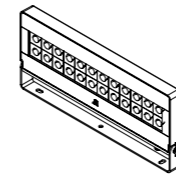
#### Spot



SQ 1/2

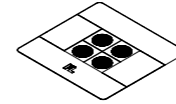


SQ 1/12

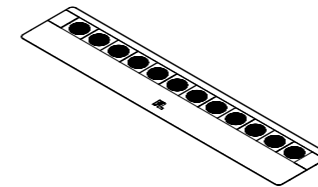


SQ 2/12

#### Inground Spot

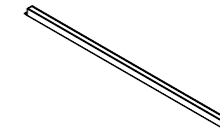


SQI 2/2



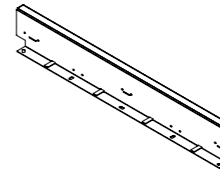
SQI 1/12

#### Handrail



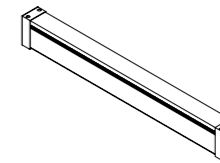
il4020 Elements

#### Inground Lightline



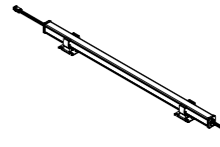
SQI 2/2

#### Facade Lightline

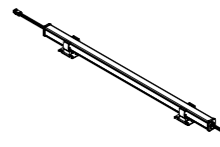


SQI 2/2

#### Modular LEDLUX Elements



Ledlux Clear/Satinice



Ledlux Narrow/Wallwash Flood/Handrail

# InstaLighting Elements

## System Overview

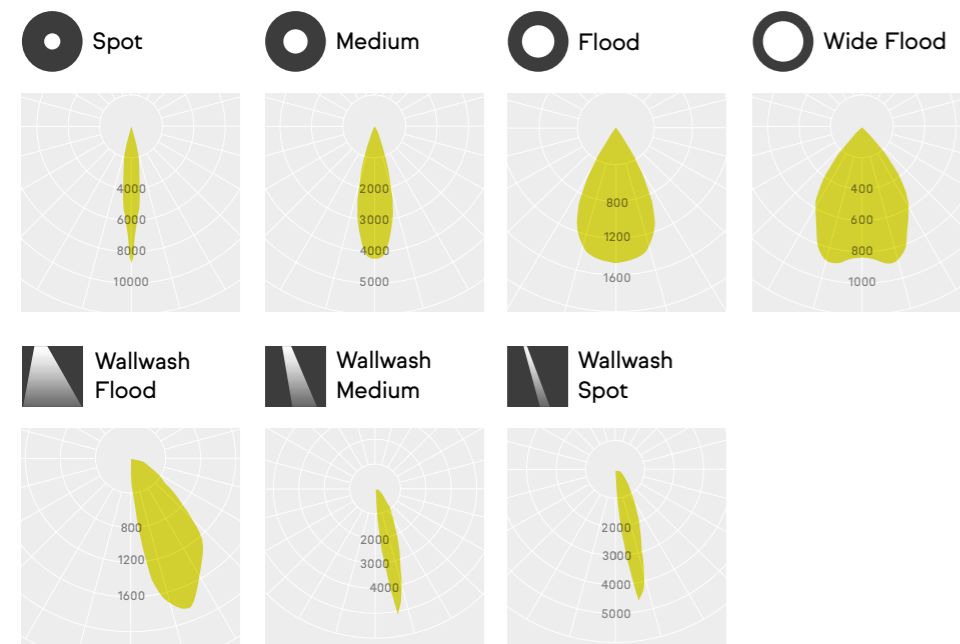
### Elements Px

Pixel modules can be configured to create individual linear or area lighting systems



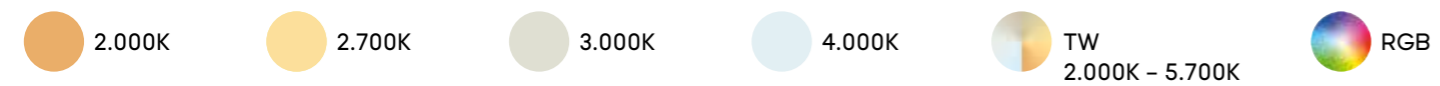
### Optics and light distributions

Several light distribution curves can be combined in a single luminaire



### Light colours

Several light colours can be combined in a single luminaire



### Control Systems



### Elements Ln

Linear elements can be configured to create light line systems of any length in the LEDLUX profile.



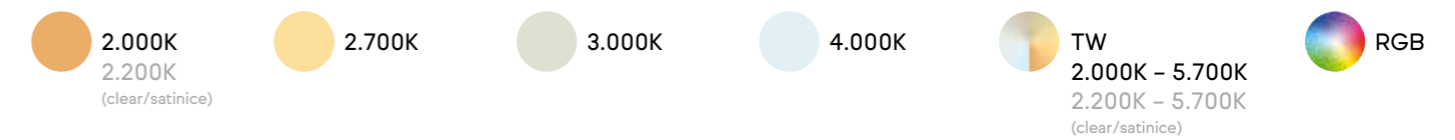
### Optics and light distributions

Several light distribution curves can be combined in a single luminaire



### Light colours

Several light colours can be combined in a single luminaire



### Control Systems





**InstaLighting**

Instalighting GmbH  
Hohe Steinert 10  
58509 Lüdenscheid  
Germany

T + 49 2351 65619-0

[www.instalighting.de](http://www.instalighting.de)  
[info@instalighting.de](mailto:info@instalighting.de)

More information and downloads

 [\*\*instalighting.de/en/elements\*\*](http://instalighting.de/en/elements)

Interactive scenarios and application examples

 [\*\*elements.instalighting.de\*\*](http://elements.instalighting.de)