

# DTI type 1

Beta



## Installation

Surface mounted.

## Connection

Connections are made at the end of the luminaire and are concealed by the end-cap, with the option of cable entry via the end-caps and centre of the luminaire. 5-way snap-in terminal blocks at each short end with the possibility of 1-phase through-wiring – excluding luminaires supplied with e-Sense.

## Design

Body of enamelled sheet steel in white (RAL 9016) finish. End-caps of polypropylene plastic.

## Louvre

Beta – double parabolic reflector louvre with satin matt metallised aluminium side and cross-blades with excellent reflection characteristics (> 92%), integrated into a single unit. The louvre remains attached when opened. Earthed.

## Reflector

The louvre acts as a reflector, the luminaire is also equipped with a top reflector.

## Emergency lighting

Some models are available with emLED positioned in the first cell on the louvre. Read more about emLED in Emergency Lighting.

## Dimming

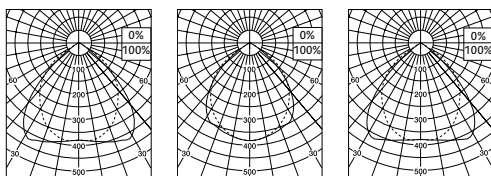
Most models can also be equipped with other ballasts for dimming.

Luminaire				
FDH	kg	Light dist.		
<b>1-cell luminaire</b>				
1 × 13/14	2.6	100/0	<b>28801</b>	■
1 × 25/28	2.8	100/0	<b>28807</b>	■ ●
1 × 32/35	3.0	100/0	<b>28809</b>	■ ●
1 × 45/49	3.0	100/0	<b>28813</b>	■
1 × 50/54	2.8	100/0	<b>28815</b>	■
1 × 73/80	3.0	100/0	<b>28817</b>	■
2 × 13/14	2.6	100/0	<b>28802</b>	■
2 × 25/28	2.8	100/0	<b>28808</b>	■ ● ●
2 × 32/35	3.0	100/0	<b>28810</b>	■ ● ●
2 × 45/49	3.0	100/0	<b>28814</b>	■
2 × 50/54	2.8	100/0	<b>28816</b>	■
2 × 73/80	3.0	100/0	<b>28818</b>	
<b>2-cell luminaire</b>				
2 × 25/28	3.8	100/0	<b>28835</b>	■ ●
2 × 32/35	4.0	100/0	<b>28836</b>	■ ●
<b>1-cell luminaire asymmetrical</b>				
1 × 25/28	2.8	100/0	<b>28971</b>	■
1 × 32/35	3.0	100/0	<b>28972</b>	■
1 × 45/49	3.0	100/0	<b>28973</b>	■
1 × 50/54	2.8	100/0	<b>28974</b>	■

## Suffix code

- -368 DALI/Phase-pulse control
- -436 DALI/DSI/switchDIM
- -309 e-Sense smartSWITCH absence detector
- -314 e-Sense smartSWITCH on/off
- -382 e-Sense ActiLume master luminaire
- -427 e-Sense Connect
- -428 e-Sense Connect with sensor

Add suffix code to the end of the luminaire part number to indicate required function. Only one suffix can be added.



1 × 32/35 W, 1-cell      2 × 32/35 W, 1-cell      2 × 32/35 W, 2-cell

	W	A	B	C	D
	13/14	765	141	59	600
	25/28	1365	141	59	1200
	32/35	1665	141	59	1500
	45/49	1665	141	59	1500
	50/54	1365	141	59	1200
	73/80	1665	141	59	1500
	25/28	1365	228	63	1200
	32/35	1665	228	63	1500



When specified, the sensor or emLED unit is positioned in the first cell of the louvre.



DTI in 2-cell design (1 lamp per louvre) conforms to the requirements in EN 12464-1.



# DTI type 1

Terazza

PENDANT/SURFACE



### Installation

Surface mounted.

### Connection

Connections are made at the end of the luminaire and are concealed by the end-cap. 5-way snap-in terminal blocks at each short end with the possibility of 1-phase through-wiring.

### Design

Body of enamelled sheet steel in white (RAL 9016) finish. End-caps of polypropylene plastic.

### Louvre

Terazza – satin matt, metallised aluminium reflectors with excellent reflection characteristics (> 92 %) and aluminium enamelled cross-blades integrated into a single unit. The louvre remains attached when opened.

### Reflector

The louvre acts as a reflector, the luminaire is also equipped with a top reflector.

### Emergency lighting

Some models are available with emLED positioned in the first cell on the louvre. Read more about emLED in the Emergency Lighting section.

### Dimming

Most models can also be equipped with other ballasts for dimming.

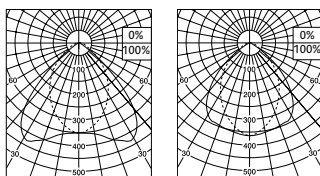
Luminaire			
FDH	kg	Light dist.	
<b>1-cell luminaire</b>			
1 × 13/14	2.6	100/0	<b>28901</b> <span style="color: yellow;">■</span>
1 × 25/28	2.8	100/0	<b>28907</b> <span style="color: yellow;">■</span>
1 × 32/35	3.0	100/0	<b>28909</b> <span style="color: yellow;">■</span>
1 × 45/49	3.0	100/0	<b>28913</b> <span style="color: yellow;">■</span>
1 × 50/54	2.8	100/0	<b>28915</b> <span style="color: yellow;">■</span>
1 × 73/80	3.0	100/0	<b>28917</b> <span style="color: yellow;">■</span>
2 × 13/14	2.6	100/0	<b>28902</b> <span style="color: yellow;">■</span>
2 × 25/28	2.8	100/0	<b>28908</b> <span style="color: yellow;">■</span>
2 × 32/35	3.0	100/0	<b>28910</b> <span style="color: yellow;">■</span>
2 × 45/49	3.0	100/0	<b>28914</b> <span style="color: yellow;">■</span>
2 × 50/54	2.8	100/0	<b>28916</b> <span style="color: yellow;">■</span>
2 × 73/80	3.0	100/0	<b>28918</b> <span style="color: yellow;">■</span>

### Suffix code

■ **-368** DALI/Phase-pulse control

■ **-436** DALI/DSI/switchDIM

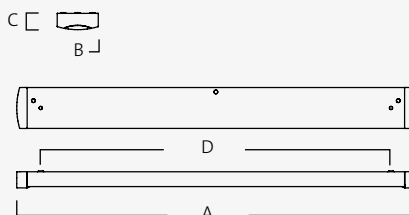
*Add suffix code to the end of the luminaire part number to indicate required function. Only one suffix can be added.*



1 × 32/35 W

2 × 32/35 W

W	A	B	C	D
13/14	765	141	59	600
25/28	1365	141	59	1200
32/35	1665	141	59	1500
45/49	1665	141	59	1500
50/54	1365	141	59	1200
73/80	1665	141	59	1500



*The end-cap provides easy access for connections. DTI type 1 has 1-phase through-wiring as standard.*



### DTI type 1 Beta

1. Accessories wireless e-Sense Connect	
Control unit	86300
Remote control (for grouping)	86301
Connection cable between control unit and controller	86303

### DTI type 2 – single installation

1. Accessories wireless e-Sense Connect	
Control unit	86300
Remote control (for grouping)	86301
Connection cable between control unit and controller	86303



2. Complete wire suspension. White ceiling cup. L=1.0 m. Incl. mains cable 3 × 1.0 mm².	
Small + large ceiling cup (94327+94588)	94301
Large ceiling cups (94296+94588)	94444
Small + large ceiling cup for T-bars 25 mm (94880+94589)	94302
Large ceiling cups for T-bars 25 mm (94881+94589)	94445

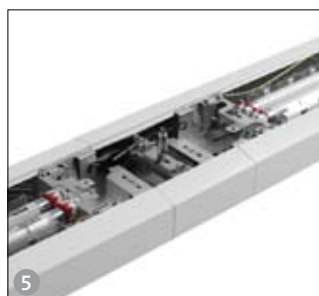
Complete wire suspension. White ceiling cup. L=1.0 m. Incl. mains cable 5 × 1.0 mm².	
Small + large ceiling cup (94327+91701)	91691
Large ceiling cups (94296+91701)	91692
Small + large ceiling cup for T-bars 25 mm (94880+91703)	91693
Large ceiling cups for T-bars 25 mm (94881+91703)	91694



Transparent diffuser	
Transparent acrylic diffuser for DTI type 2.	
Transparent diffuser 25/28/50/54 W	91687
Transparent diffuser 32/35/45/49/73/80 W	91688

### DTI type 2 – continuous installation

3. Wire suspension with single wire and white, plastic ceiling cup. L=1.0 m.	
Small ceiling cup, white/each	94327
Large ceiling cup, white/each	94296
Small ceiling cup for T-bars 25 mm/each	94880
Large ceiling cup for T-bars 25 mm/each	94881



4. Wire suspension with single wire, white ceiling cup and mains cable 3 × 1.0 mm². L=1.0 m.	
Large ceiling cup, white/each	94588
Large ceiling cup for T-bars 25 mm, white/each	94589

Wire suspension with single wire, white ceiling cup and mains cable 5 × 1.0 mm². L=1.0 m.	
Large ceiling cup white/each	91701
Large ceiling cup for T-bars 25 mm, white/each	91703

5. Continuous coupler for type 2	
Continuous lighting installation is supplemented with end-plates and wire suspension	
Continuous coupler including wire lock – white/each	91681

6. End-cap for continuous lighting installation	
End-cap, white/pair	91683



Transparent diffuser	
Transparent diffuser, acrylic for DTI type 2.	
Transparent diffuser 25/28/50/54 W	91687
Transparent diffuser 32/35/45/49/73/80 W	91688

### DTI type 3 – single installation

Complete wire suspension, white ceiling cup. L=1.0 m	
Excluding the mains cable (included with luminaire).	
Small ceiling cup, white/pair	94414
Small ceiling cup for T-bars 25 mm, white/pair	94415

7. Support rails for visible T-bars	
L=600 mm, T-bars: 25/15, max load: 75 N/pair	90017
Wire suspension for support rails 90015, 90016, 90017, 94052, 94067, 94068	91426

#### Continuous installation



W	D <sup>1</sup>	D <sup>2</sup>
25/28	1297	1394
32/35	1597	1594
45/49	1597	1594
50/54	1297	1394
73/80	1597	1594

# DTI type 3

Beta



Luminaire			
FDH	kg	Light dist.	
<b>Beta</b>			
3 × 25/28	2.7	20/80	<b>28831</b> <span style="color: yellow;">■</span>
3 × 32/35	2.9	20/80	<b>28832</b> <span style="color: yellow;">■</span>
3 × 45/49	2.9	20/80	<b>28833</b> <span style="color: yellow;">■</span>

Suffix code	
<span style="color: yellow;">■</span>	<b>-368</b> DALI/Phase-pulse control
<span style="color: yellow;">■</span>	<b>-436</b> DALI/DSI/switchDIM
<span style="color: yellow;">■</span>	<b>-218</b> e-Sense smartSWITCH absence detector
<span style="color: yellow;">■</span>	<b>-219</b> e-Sense smartSWITCH on/off
<span style="color: yellow;">■</span>	<b>-220</b> e-Sense smartSWITCH
<span style="color: yellow;">■</span>	<b>-410</b> Phase-pulse control, two pull-cord

Add suffix code to the end of the luminaire part number to indicate required function. Only one suffix can be added.

## Installation

Wire suspension via wire lock secured directly to the luminaire. Wire suspension ordered separately, see accessories.

## Connection

The luminaire is equipped with a 2.4 m mains cable 3 × 1.0 mm<sup>2</sup> and an earthed plug. Luminaire with the additional suffix -368 or -436 are supplied with a 2.4 m main cable 5 × 0.75 mm<sup>2</sup> excl. plug.

## Design

Body of enamelled sheet steel with white (RAL 9016) finish. End-caps of polypropylene plastic. Transparent acrylic diffuser on the top side.

## Louvre

*Beta* – double parabolic reflector louvre with satin matt metallised aluminium side and cross-blades with excellent reflection characteristics (> 92%), integrated into a single unit. The louvre remains attached when opened. Earthed.

## Reflector

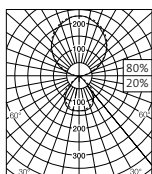
Separate reflectors for indirect and direct light distribution. Reflector material of metallised aluminium with satin matt surface.

## Emergency lighting

Some models are available with emLED, emergency lighting unit, which is positioned at the short end of the luminaire. Read more about emLED in the Emergency Lighting section.

## Dimming

Most models can also be equipped with other ballasts for dimming.



3 × 32/35 W, Beta

W	A	B	C	D
25/28	1365	141	58	1200
32/35	1665	141	58	1500
45/49	1665	141	58	1500



DTI type 3 with r5-Micro Beta louvre combines good light treatment with high efficacy.