



Properties

Fitting type	Surface mounted
Base	Aluminium, white, grey or black powder coated
Diffuser	Polycarbonate, clear or opaque
Voltage range	* 12 VDC (10 - 14) or 24 VDC (22 - 28) mono-volt * 10 - 30 VDC multi-volt
Watertight	Yes (IP66 classification + ADR certified)
Light source	DEMCO LED modules
Light colours	* Natural white (4000K, standard colour) * Cool white (6000K) * Warm white (3000K) * other colours on request
Continuous lighting system	No
Switch	No
Motion sensor	Option, integrated in the fitting * A potentiometer allows switching between 9 delay times, ranging from 15 seconds to 30 minutes (default 1 minute).
Night light	Option, 6 LEDs (blue, red or green), via additional wire
Dimmable	Option * 2 positions (30 / 100%), via additional wire * Variable dim (0 - 100%) via external PWM dimmer up to a maximum of 1000 Hz, on specified versions

[Inquire about the possibilities for negative switched LED modules with night light and / or 2 dimming positions.](#)
From page 7.02 you will find more technical information.



White powder coated, opaque diffuser



Grey powder coated, opaque diffuser



Black powder coated, opaque diffuser

Mono-voltage, white LEDs

Power (W)	Voltage (VDC)	Number of modules	Number of LED's (base light colour)	Luminous flux (lm)	Outside dimension (Ø x H in mm)	Article number (B M D L O O choices) E4 = type approval
Mid power LED						E4 10R-05 4099
3	12	1	6	300/350/300	Ø 155 x 20	DIWTSU B M 33 D L O O
6	12	1	12	600/700/600	Ø 155 x 20	DIWTSU B M 35 D L O O
9	12	1	18	900/1100/900	Ø 155 x 20	DIWTSU B M 37 D L O O
12	12	1	24	1200/1400/1200	Ø 155 x 20	DIWTSU B M 39 D L O O
Mid power LED						E4 10R-05 4099
3	24	1	6	300/350/300	Ø 155 x 20	DIWTSU B M 34 D L O O
6	24	1	12	600/700/600	Ø 155 x 20	DIWTSU B M 36 D L O O
9	24	1	18	900/1100/900	Ø 155 x 20	DIWTSU B M 38 D L O O
12	24	1	24	1200/1400/1200	Ø 155 x 20	DIWTSU B M 40 D L O O

Cable out-coming: 1x positive, 1x negative

The 12 Watt versions that are equipped with a motion sensor use 23 LEDs instead of 24. The light output remains unchanged. Please view the next page for more available versions.

Article number (B M D L O O choices)

B = Base	1 = White	2 = Grey	3 = Black
M = Earthing	0 = Unearthed	1 = Negative to ground	
D = Diffuser	H = Clear	O = Opaque	
L = Base light	1 = Natural white	2 = Cool white	3 = Warm white
OO = Option	00 = No option		
	A7 = PIR 15 seconds ^{1 2}	E7 = PIR 10 minutes ^{1 2}	
	H7 = PIR 30 seconds ^{1 2}	F7 = PIR 15 minutes ^{1 2}	
	B7 = PIR 1 minute (STD) ^{1 2}	J7 = PIR 20 minutes ^{1 2}	
	C7 = PIR 2 minutes ^{1 2}	G7 = PIR 30 minutes ^{1 2}	
	D7 = PIR 5 minutes ^{1 2}		

¹ PIR = Motion sensor (delay time adjustable to values listed above via onboard potentiometer on select models)

² Mono-voltage versions of Disc fittings have 2 additional out-coming wires, to which one or more fittings without a sensor can be connected.

The above fittings allow stepless PWM dimming (0-100%) via an external PWM dimmer (view page 6.06, not in combination with PIR).

 It is also possible to use the product page on our website to compose the fitting of your choice.

Mono-voltage, white + coloured LEDs

Power (W)	Voltage (VDC)	Number of modules	Number of LED's (base light + night light)	Luminous flux (lm)	Outside dimension (Ø x H in mm)	Article number (B M D L O O choices) E4 = type approval
Mid power LED						E4 10R-05 4099
3	12	1	6 + 6	300/350/300	Ø 155 x 20	DIWTSU B M 79 D L O O
6	12	1	12 + 6	600/700/600	Ø 155 x 20	DIWTSU B M 81 D L O O
9	12	1	18 + 6	900/1100/900	Ø 155 x 20	DIWTSU B M 83 D L O O
12	12	1	24 + 6	1200/1400/1200	Ø 155 x 20	DIWTSU B M 85 D L O O
Mid power LED						E4 10R-05 4099
3	24	1	6 + 6	300/350/300	Ø 155 x 20	DIWTSU B M 80 D L O O
6	24	1	12 + 6	600/700/600	Ø 155 x 20	DIWTSU B M 82 D L O O
9	24	1	18 + 6	900/1100/900	Ø 155 x 20	DIWTSU B M 84 D L O O
12	24	1	24 + 6	1200/1400/1200	Ø 155 x 20	DIWTSU B M 86 D L O O

Cable out-coming: 2x positive (base light and night light), 2x negative (base light and night light)
Please view the next page for more available versions.

Article number (B M D L O O choices)

B = Base	1 = White	2 = Grey	3 = Black
M = Earthing	0 = Unearthed	1 = Negative to ground	
D = Diffuser	H = Clear	O = Opaque	
L = Base light	1 = Natural white	2 = Cool white	3 = Warm white
OO = Option	40 = LED NL blue ¹		
	50 = LED NL red ¹		
	60 = LED NL green ¹		

¹ NL = Night light

The above fittings allow stepless PWM dimming (0-100%) via an external PWM dimmer (view page 6.06).

 It is also possible to use the product page on our website to compose the fitting of your choice.

Multi-voltage, white LEDs

Power (W)	Voltage (VDC)	Number of modules	Number of LED's (base light colour)	Luminous flux (lm)	Outside dimension (Ø x H in mm)	Article number (B M D L OO choices) E4 = type approval
High power LED						E4 10R-05 2574
5	10-30	1	3	600/700/600	Ø 155 x 20	DIWTSU B M 04 D L OO
8	10-30	1	6	900/1100/900	Ø 155 x 20	DIWTSU B M 05 D L OO
11	10-30	1	6	1200/1400/1200	Ø 155 x 20	DIWTSU B M 24 D L OO

Cable out-coming: 1x positive, 1x negative

Article number (B M D L OO choices)

B = Base	1 = White	2 = Grey	3 = Black
M = Earthing	0 = Unearthed	1 = Negative to ground	
D = Diffuser	H = Clear	O = Opaque	
L = Base light	1 = Natural white	2 = Cool white	3 = Warm white
OO = Option	00 = No option		
	A7 = PIR 15 seconds ¹	E7 = PIR 10 minutes ¹	
	H7 = PIR 30 seconds ¹	F7 = PIR 15 minutes ¹	
	B7 = PIR 1 minute (STD) ¹	J7 = PIR 20 minutes ¹	
	C7 = PIR 2 minutes ¹	G7 = PIR 30 minutes ¹	
	D7 = PIR 5 minutes ¹		

¹ PIR = Motion sensor

Multi-voltage, white dimmable LEDs

Power (W)	Voltage (VDC)	Number of modules	Number of LED's (base light colour)	Luminous flux (lm)	Outside dimension (Ø x H in mm)	Article number (B M D L OO choices) E4 = type approval
High power LED (2 positions dimmable 30 / 100%)						E4 10R-05 2574
5	10-30	1	3	600/700/600	Ø 155 x 20	DIWTSU B M 12 D L OO
8	10-30	1	6	900/1100/900	Ø 155 x 20	DIWTSU B M 13 D L OO
11	10-30	1	6	1200/1400/1200	Ø 155 x 20	DIWTSU B M 26 D L OO

Cable out-coming: 2x positive (base light 100% and base light 30%), 1x combined negative
Please view the next page for more available versions.

Article number (B M D L OO choices)

B = Base	1 = White	2 = Grey	3 = Black
M = Earthing	0 = Unearthed	1 = Negative to ground	
D = Diffuser	H = Clear	O = Opaque	
L = Base light	1 = Natural white	2 = Cool white	3 = Warm white
OO = Option	00 = No option		

 It is also possible to use the product page on our website to compose the fitting of your choice.

Multi-voltage, white + coloured LEDs

Power (W)	Voltage (VDC)	Number of modules	Number of LED's (base light + night light)	Luminous flux (lm)	Outside dimension (Ø x H in mm)	Article number (B M D L O O choices) E4 = type approval
High power LED						E4 10R-05 2574
5	10-30	1	3 + 6	600/700/600	Ø 155 x 20	DIWTSU B M 04 D L O O
8	10-30	1	6 + 6	900/1100/900	Ø 155 x 20	DIWTSU B M 05 D L O O
11	10-30	1	6 + 6	1200/1400/1200	Ø 155 x 20	DIWTSU B M 24 D L O O

Cable out-coming: 2x positive (base light and night light), 1x combined negative

Article number (B M D L O O choices)

B = Base	1 = White	2 = Grey	3 = Black
M = Earthing	0 = Unearthed	1 = Negative to ground	
D = Diffuser	H = Clear	O = Opaque	
L = Base light	1 = Natural white	2 = Cool white	3 = Warm white
OO = Option	40 = LED NL blue ¹		
	50 = LED NL red ¹		
	60 = LED NL green ¹		

¹ NL = Night light

Multi-voltage, white dimmable LEDs + coloured LEDs

Power (W)	Voltage (VDC)	Number of modules	Number of LED's (base light + night light)	Luminous flux (lm)	Outside dimension (Ø x H in mm)	Article number (B M D L O O choices) E4 = type approval
High power LED (2 positions dimmable 30 / 100%)						E4 10R-05 2574
5	10-30	1	3 + 6	600/700/600	Ø 155 x 20	DIWTSU B M 12 D L O O
8	10-30	1	6 + 6	900/1100/900	Ø 155 x 20	DIWTSU B M 13 D L O O
11	10-30	1	6 + 6	1200/1400/1200	Ø 155 x 20	DIWTSU B M 26 D L O O

Cable out-coming: 3x positive (base light 100%, base light 30%, night light), 1x combined negative

Article number (B M D L O O choices)

B = Base	1 = White	2 = Grey	3 = Black
M = Earthing	0 = Unearthed	1 = Negative to ground	
D = Diffuser	H = Clear	O = Opaque	
L = Base light	1 = Natural white	2 = Cool white	3 = Warm white
OO = Option	40 = LED NL blue ¹		
	50 = LED NL red ¹		
	60 = LED NL green ¹		

¹ NL = Night light

 It is also possible to use the product page on our website to compose the fitting of your choice.

Example

Article number DIWTSU 2 105 H 1 00 results in the following article:

Surface mounted fitting 'Disc WT'

* Ø155x20mm

* 1x6 high power LED module

negative to ground

6x natural white

8W/10-30VDC (multi-volt)

light output 900 lm

* clear diffuser/grey casing

* mounting via screws (not included)

* cable out-coming \pm 30cm/2x1mm²

* watertight IP66, ADR