

S287

Downlights

ceiling light fitting with integrated control gear • control gear option • housing of powder painted steel sheet • cover ring of aluminium die-cast • colour option • quality aluminium reflector with inner protective glass smooth, with cross or radial louver • smooth reflector in black, gold or white, or RAL on request • horizontal position of light sources • optional decorative complements and accessories



HDT3



HK



HT



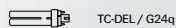
HD + GT3-02



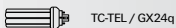
HD + K4T3-02



HG



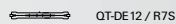
TC-DEL / G24q



TC-TEL / GX24q



HIT-DE-CE / RX7S



QT-DE12 / R7S

W3

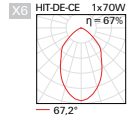
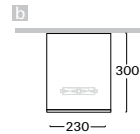
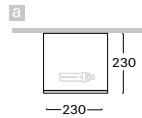
S3

D3

B3



230V-50Hz



Order code

S287cD4E.113/..
S287cD4E.118/..
S287cD4E.126/..
S287cD4E.213/..
S287cD4E.218/..
S287cD4E.226/..

S287cX6E.170/..(*)

S287-R7.110/..(*)
S287-R1.115/..(*)

Pict. Source

a TC-DEL
a TC-DEL
a TC-DEL
a TC-DEL
a TC-DEL
a TC-DEL
b HIT-DE-CE
b QT-DE12
b QT-DE12

Output

1x13 W
1x18 W
1x26 W
2x13 W
2x18 W
2x26 W
1x70 W
max. 1x100 W
1x150 W

Socket

G24q-1
G24q-2
G24q-3
G24q-1
G24q-2
G24q-3
RX7s (114)
R7s (75)
R7s (114)

kg

2.2
2.2
2.2
2.3
2.3
2.3
2.8
1.3
1.3

(*) Light fitting must be equipped by protective cover glass! T3 ! (see complements)

Optional types of reflectors (*only for fluorescent light sources)

HD / HK* / HT* / HG / SB / SW

Example of order code assembly: smooth divided with inner glass

[S287cD4E.226/HD.S3](#)



Other configuration of control gears for fluorescent lamps

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A / D / S / T

Example of order code assembly: dimmable DALI

[S287cD4D.226/HD.S3](#)



Emergency configuration of control gears for fluorescent lamps

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N / F / Z / P

Example of order code assembly: electronic, emergency operation 1h [S287cD4EN.226/HD.S3](#)



Accessories



ND2
page 706



ZSA2
page 740



ZSC2
page 736



ZVA2
page 742



ZLA2
page 741



Tracks
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Complements



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K4-02
page 145



K5-02
page 145



G-02
page 168

EXPLANATORY NOTES

for order code assembly

| | | | | | | | | | | | | | |
|---|-----|---|----|----|---|-----|---|---|----|----|---|----|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | |
| V | 299 | s | LW | DN | . | 124 | A | / | HD | A3 | . | W3 | B |

| 1 | GROUP AFTER ASSEMBLY | | | 2 | PRODUCT CODE | | | 3 | CONFIGURATION OF LIGHT FITTING | | | | |
|---------------------|---|---|-----------------|-------------------------|---|--|----|-----------------------------------|---|--|--|--|--|
| V | recessed | L | for track | 299 | type marking of fitting | | | s | control gear on cable (part of fitting) | | | | |
| S | ceiling | Z | pendant | 5 | type marking of insert | | | c | control gear on fitting (part of fitting) | | | | |
| N | wall | C | part of fitting | etc. | | | | - | without control gear (or it is not part of fitting) | | | | |
| F | floor lamp | B | luminaire base | | | | | | | | | | |
| 4 | TYPE OF LIGHT SOURCE (SOCKET) | | | | | | | | | | | | |
| D4 | TC-DEL, TC-TEL (G24q, GX24q) | | | S2 | HST-CRI (GX 12) | | | R1 | QT-DE12 150W (R7s L=114,2) | | | | |
| G0 | T16-R (2GX13) | | | X1 | HIT-CE (G12) | | | R7 | QT-DE12 100W (R7s L=75) | | | | |
| G1 | TC-L (2G11) | | | X2 | HIE-CE (E27) | | | Q0 | QPAR16 (GU10) | | | | |
| G2 | TC-F (2G10) | | | X2 | HIPAR20 , HIPAR30 (E27) | | | Q3 | QR-LP111 (G53) | | | | |
| G3 | TC-S (G23) | | | X3 | Mercury (E27) | | | E1 | LED (E14) | | | | |
| G5 | CFL-AR111 (GX53) | | | X5 | HIPAR 111 (GX8,5) | | | E2 | A60, A65 (E27) | | | | |
| G7 | TC-SEL (2G7) | | | X6 | HIT-DE-CE 70W (RX7s L=114,2) | | | E2 | R50, R63, R80 (E27) | | | | |
| G8 | TC-TEL (2G8) | | | X7 | HIT-DE-CE 150W (RX7s L=132) | | | E2 | QPAR20, 30, 38 (E27) | | | | |
| S1 | HST-CRI (PG12-1) | | | X8 | HIT-TC-CE (G8,5) | | | E2 | QT32 (E27) | | | | |
| 4a | TYPE OF LED LIGHT SOURCE | | | 4b | CHROMATICITY OF LED SOURCE | | | 4b | SPECTRUM OF LED SOURCE | | | | |
| A | LED COIN111 AC, COIN111 | | | I | warm white "interna" (2700 K) | | | R | spectrum for meat and sausages | | | | |
| L | LED plate Ra >80 | | | W | warm white (3000 K) | | | Y | spectrum pro pastry, delicatessen and cheese | | | | |
| M | LED plate Ra >90 | | | B | white (3500 K) | | | F | spectrum for fish | | | | |
| C | LED COB Ra >80 | | | C | cool white (4000 K) | | | Z | spectrum for fruits and vegetables | | | | |
| D | LED COB Ra >90 | | | S | daylight white (5000 K) | | | A | spectrum for art (Ra>97) | | | | |
| | | | | D | cool daylight (6500 K) | | | V | spectrum for clothing, fashion | | | | |
| | | | | H | tunable white - residential (1800K-4000K) | | | P | spectrum for plant growth | | | | |
| | | | | K | tunable white - commercial (2700K-6500K) | | | 6 | blue spectrum | | | | |
| | | | | T | dim to warm | | | | | | | | |
| 5 | TYPE OF CONTROL GEAR | | | | | | 6 | NUMBER AND OUTPUT OF LIGHT SOURCE | | | | | |
| BASIC CONFIGURATION | | | | EMERGENCY CONFIGURATION | | | | NUMBER AND POWER OF LED | | | | | |
| E | electronic undimmable | | | N | emergency 1h | | | 109 | 1 x 9 W | | | | |
| M | electronic MULTIWATT | | | H | emergency 3h | | | 226 | 2 x 26 W | | | | |
| A | electronic dimmable analog 1-10V | | | F | emergency 1h with autotest | | | 318 | 3 x 18 W | | | | |
| D | electronic dimmable DALI | | | G | emergency 3h with autotest | | | 170 | 1 x 70 W | | | | |
| S | electronic dimmable DSI | | | Z | electronic address module | | | 115 | 1 x 150 W, 1 x 15W | | | | |
| C | electronic dimmable CORRIDOR function | | | P | central battery system | | | 110 | 1 x 100 W, 1 x 10W | | | | |
| T | electronic dimmable by button 230V | | | J | emergency 2h | | | | | | | | |
| W | individually dimmable by potentiometer | | | Q | emergency 2h with autotest | | | 062 | 4 x 24 W + 4 x 39 W (252 W) | | | | |
| L | el. phase dimmable transformer / driver | | | | | | | 252 | 1 x 22 W + 1 x 40 W (62 W) | | | | |
| R | electronic transformer 230V/12V | | | | | | | | | | | | |
| I | LED driver (power factor 0,9) | | | | | | | | | | | | |
| X | Tunable white DALI | | | | | | | | | | | | |
| 7 | POSSIBILITIES OF CONNECTION | | | 8 | TYPE OF REFLECTOR | | | | | | | | |
| D | 2-pole terminal plate (12V) | | | HL | smooth | | | FS | facet | | | | |
| A | 4-pole terminal plate | | | HK | smooth with cross louvre | | | FK | facet with cross louvre | | | | |
| B | 5-pole terminal plate | | | HT | smooth with radial louvre | | | FT | facet with radial louvre | | | | |
| C | 3-pole + 2-pole terminal plate | | | HD | smooth divided | | | ML | matt | | | | |
| H | 3-pole Wieland | | | HA | smooth with asymmetric insert | | | MU | matt wide | | | | |
| J | 3-pole 5kV Wieland | | | HP | smooth sanded | | | TP | hammered | | | | |
| K | 3-pole Wieland 2x | | | HU | smooth wide | | | AC | double-asymmetric with shade | | | | |
| L | 5-pole Wieland | | | HS | smooth striped | | | PR | sanded grooved | | | | |
| M | 5-pole Wieland 2x | | | HG | smooth gold (G1) | | | SD | striped divided | | | | |
| O | 3-pole Wago | | | SB | smooth black sand (B3) | | | SP | spot - beam angle 10-20° | | | | |
| P | 5-pole Wago | | | SW | smooth white sand (W3) | | | MD | medium - beam angle 21-34° | | | | |
| Z | 4-pole + 2-pole terminal plate | | | 1H | smooth one-side emission | | | FL | flood - beam angle 35-49° | | | | |
| | | | | 2H | smooth double-side emission | | | WF | wideflood - beam angle ≥ 50° | | | | |
| | | | | | | | | MDG | medium reflektor - gold | | | | |
| 9 | TYPE OF COVER GLASS / FILTER | | | | | | | | | | | | |
| T1 | tempered glass - clear | | | P1 | acrylic prisma - clear | | | F6 | green filter | | | | |
| T2 | tempered glass - raster | | | FU | UV filter | | | F7 | yellow filter | | | | |
| T3 | tempered glass - opal | | | F1 | food filter for meat and sausages | | | F8 | food filter for fruit and vegetables | | | | |
| A1 | acrylic glass - clear | | | F2 | food filter for pastry | | | F9 | linear spread lens * | | | | |
| A2 | acrylic glass - raster | | | F3 | food filter for fish and ice cream | | | FH | honeycomb louvre | | | | |
| A3 | acrylic glass - opal | | | F4 | blue filter | | | | | | | | |
| M3 | acrylic microprisma - opal | | | F5 | red filter | | | | * for use with spot/medium reflector only | | | | |
| 10 | COLOUR AND FINISH | | | | | | 11 | SPECIAL VERSION | | | | | |
| W3 | white structure interior/exterior | | | D3 | antracit structure dark interior/exterior | | | B | adjustment for assembly in concrete housing | | | | |
| S3 | silver structure interior | | | XX | optional RAL colour | | | | | | | | |
| B3 | black structure interior | | | | | | | | | | | | |