

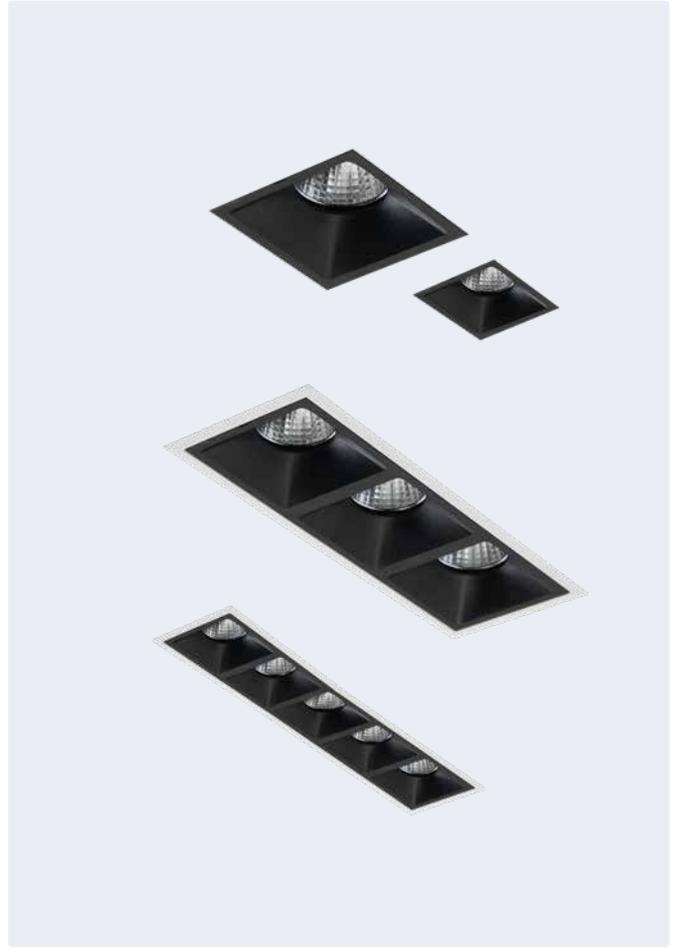
Downlights

OZ



TARGETTI

OZ STAND ALONE RECESSED



The OZ stand alone recessed version provides downlight solutions inspired by the 48V system version. Available only in the Large and Small sizes the OZ Stand Alone recessed range includes 1x, 3x and 5x multiple solutions in black, white and trimless finishes equipped with different optical systems. Also available in a ceiling mounted version.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  | |
| Recessed | Accent | Soft controlled | Elliptical | 2700K | 3000K | 3500K | 4000K | |
| INSTALLATION | | LIGHT | | COLOUR TEMPERATURE | | | | |
|  |  |  |  |  |  |  |  |  |
| On-Off | Dali | Casambi | 220-240V | 600mA | 900mA | White | Black | Easy Custom Colours |
| CONTROL | | | POWER SUPPLY | | FINISH | | | |
|  | | | | | | | | |
| Emergency | | | | | | | | |
| ACCESSORY | | | | | | | | |



SMALL



SMALL 1X



SMALL 3X



SMALL TRIMLESS 1X



SMALL TRIMLESS 3X

LARGE



LARGE 1X



LARGE 3X



LARGE TRIMLESS 1X



LARGE TRIMLESS 3X

Small and Large solution

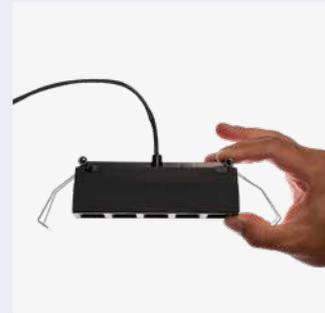
Different versions in terms of size, aesthetics, performance, and installation to always offer a valid solution to any design request.



SMALL 5X



SMALL TRIMLESS 5X



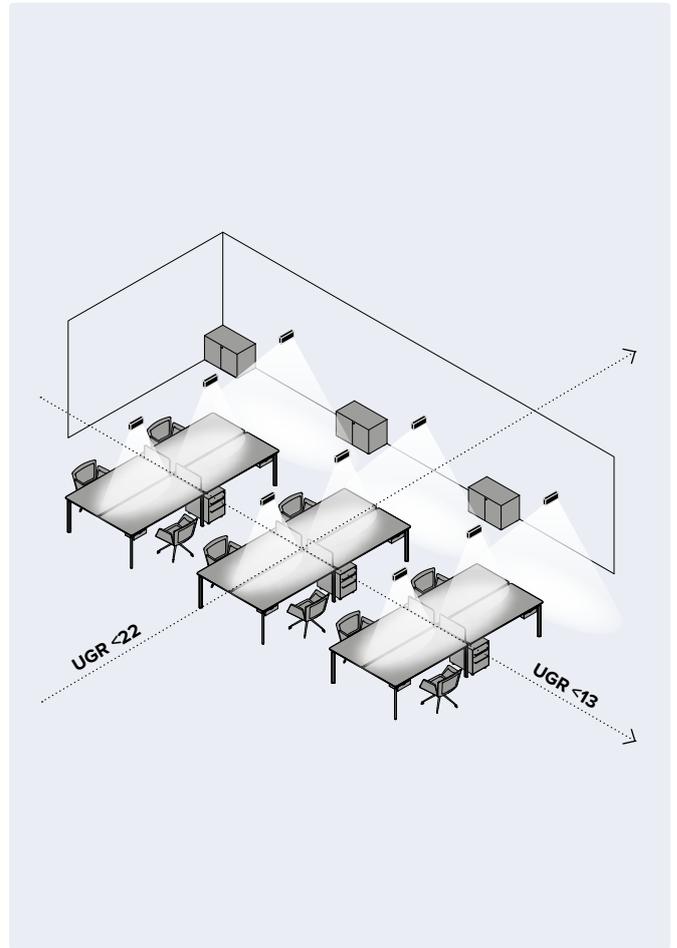
Both the Small and Large versions have a very small installation depth, just 80mm.



LARGE 5X



LARGE TRIMLESS 5X

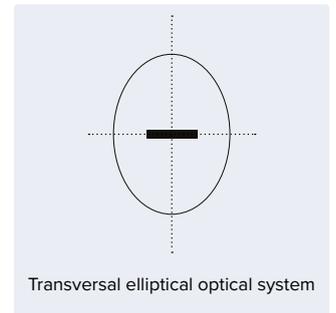
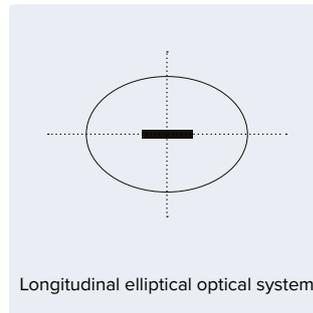


Elliptical optical systems to enhance particular spaces

The OZ elliptical optical systems are suitable for lighting long, narrow spaces such as corridors, hallways and passageways, as well as specific work areas, even in the office environment (EN12464-1).

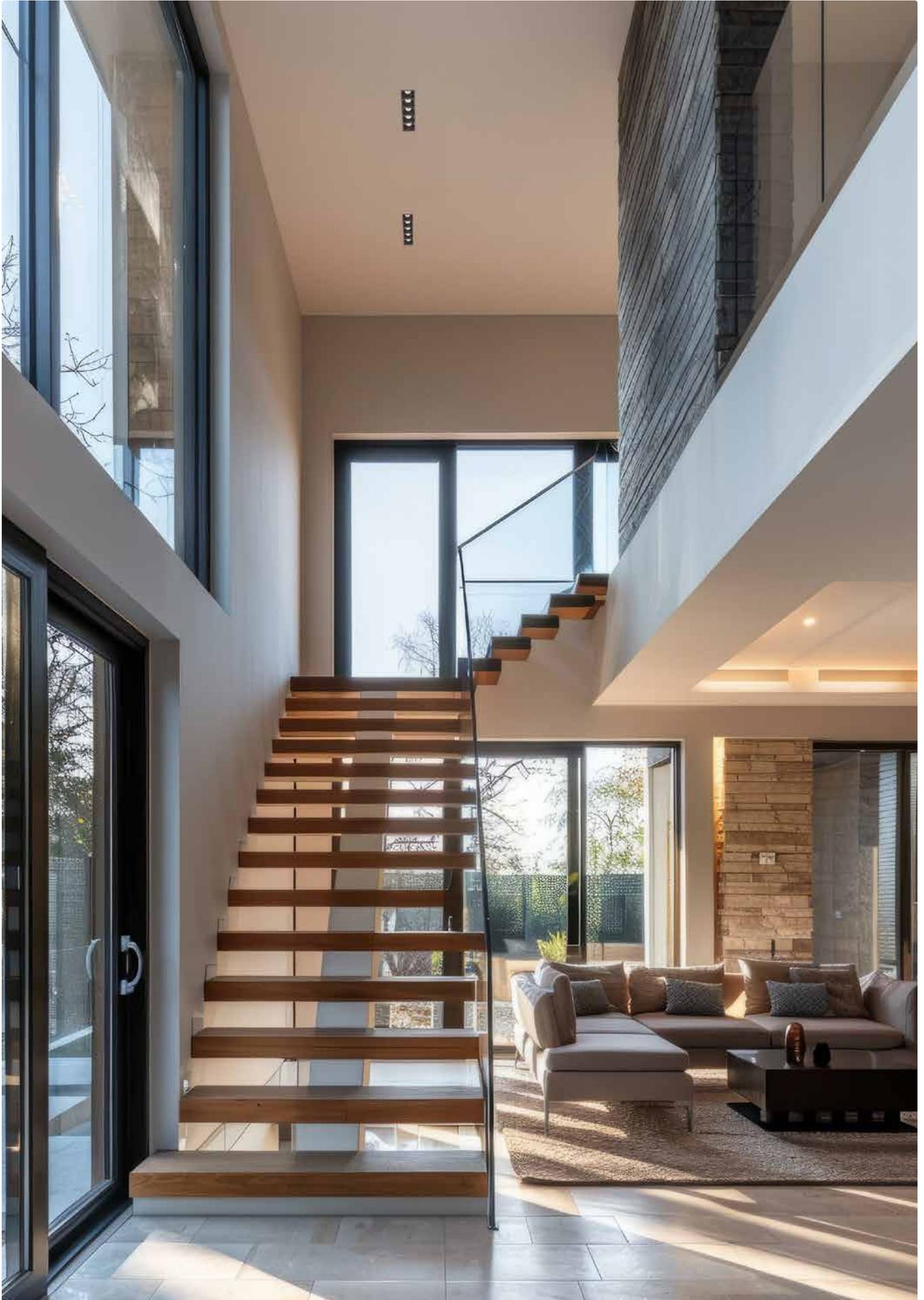
They are available in two different versions:

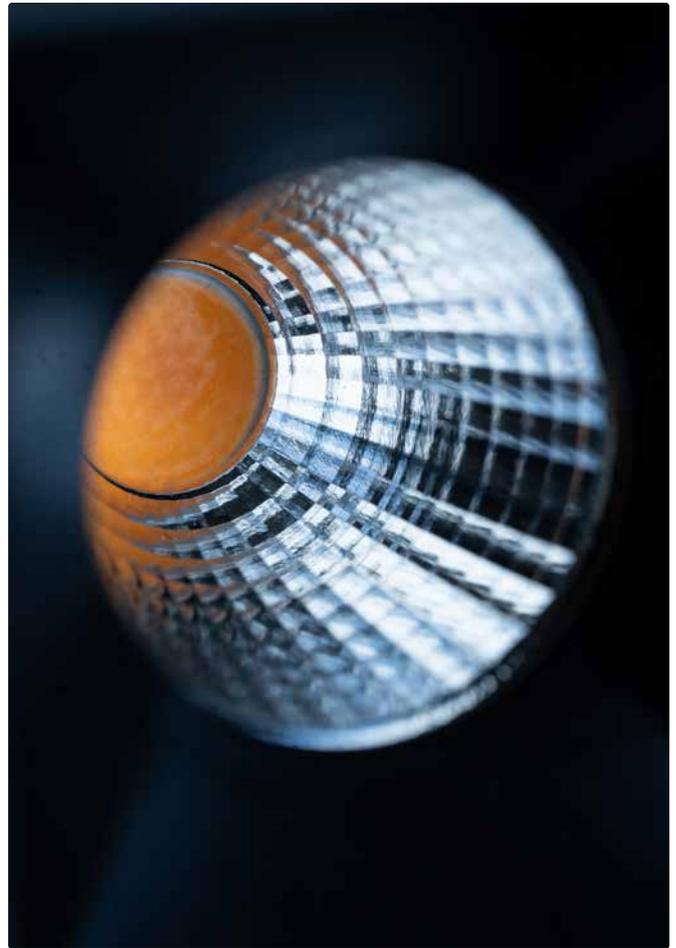
- Longitudinal elliptical optical system
- Transversal elliptical optical system



| ELLIPTICAL OPTICAL SYSTEMS | UGR | |
|----------------------------|--------|--------|
| ELL longitudinal | UGR<13 | UGR<22 |
| ELT transversal | UGR<22 | UGR<13 |

The optical systems in the OZ Stand Alone range are designed to provide precise solutions for every space. They have different effects for lighting spaces with different shapes and needs.

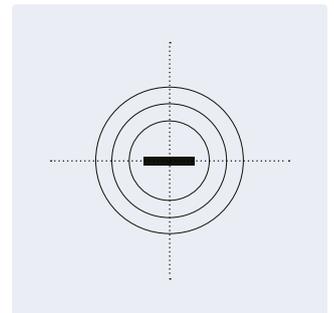
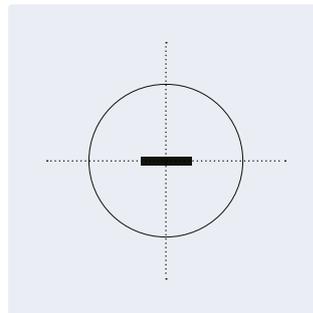




**Ambient and controlled light roto-symmetrical optical systems
SP – FL – WFL**

The OZ roto-symmetrical optical systems are suitable for lighting lounge areas, relaxation areas and all those environments where scenographic but highly controlled light is needed.

The Ambient versions are equipped with holographic filters that diffuse and soften the light.

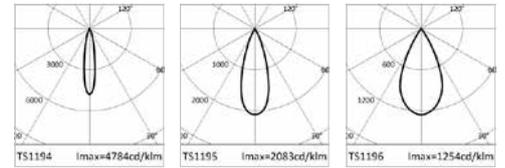


| ROTO-SYMMETRICAL OPTICAL SYSTEMS | SMALL | LARGE |
|----------------------------------|----------|----------|
| AM - Ambient | UGR<14,5 | UGR<14,5 |
| SP - Spot | UGR<13 | UGR<17 |
| FL - Flood | UGR<13 | UGR<17 |
| WFL - Wide Flood | UGR<13 | UGR<17 |





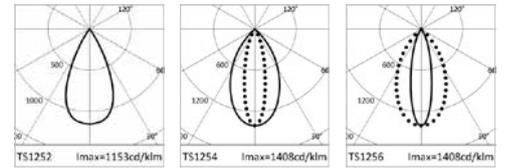
OZ LARGE
 Up to 113lm/W
 From 618lm to 3372lm
 2700K - 3000K - 3500K - 4000K
 Ra90



SP 19°

FL 34°

MWFL 50°



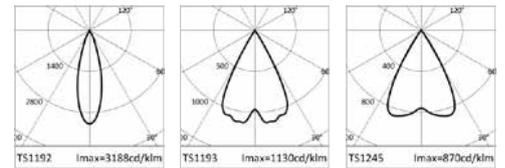
AM 49°

ELL 58° - 25°

ELT 25° - 58°



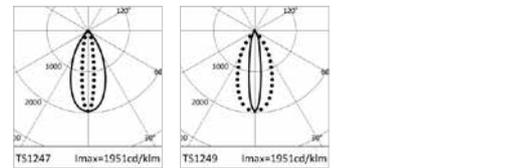
OZ SMALL
 Up to 83lm/W
 From 177lm to 663lm
 2700K - 3000K - 3500K - 4000K
 Ra90



FL 29°

WFL 56°

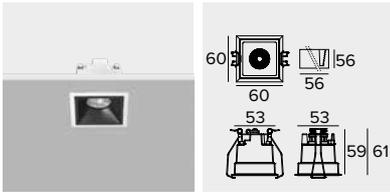
AM 60°



ELL 48° - 17°

ELT 17° - 48°

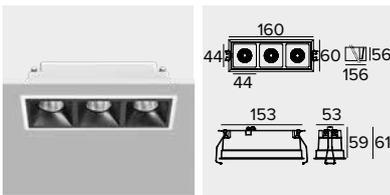
OZ Stand Alone Recessed | Large 1x | 60x60mm
 220-240Vac | Ra90 | Fixture flux 3000K from 618lm to 675lm



| Optic | Driver | Colour | 2700K | 3000K | 3500K | 4000K |
|----------------|--------|--------|----------|----------|----------|----------|
| SP 19° 7W | ON-OFF | ○ | 1T7746EL | 1T7747EL | 1T7748EL | 1T7749EL |
| | | ● | 1T7758EL | 1T7759EL | 1T7760EL | 1T7761EL |
| | DALI | ○ | 1T7746DA | 1T7747DA | 1T7748DA | 1T7749DA |
| | | ● | 1T7758DA | 1T7759DA | 1T7760DA | 1T7761DA |
| FL 34° 7W | ON-OFF | ○ | 1T7750EL | 1T7751EL | 1T7752EL | 1T7753EL |
| | | ● | 1T7762EL | 1T7763EL | 1T7764EL | 1T7765EL |
| | DALI | ○ | 1T7750DA | 1T7751DA | 1T7752DA | 1T7753DA |
| | | ● | 1T7762DA | 1T7763DA | 1T7764DA | 1T7765DA |
| MWFL 50° 7W | ON-OFF | ○ | 1T7754EL | 1T7755EL | 1T7756EL | 1T7757EL |
| | | ● | 1T7766EL | 1T7767EL | 1T7768EL | 1T7769EL |
| | DALI | ○ | 1T7754DA | 1T7755DA | 1T7756DA | 1T7757DA |
| | | ● | 1T7766DA | 1T7767DA | 1T7768DA | 1T7769DA |
| AM 49° 7W | ON-OFF | ○ | 1T8482EL | 1T8483EL | 1T8484EL | 1T8485EL |
| | | ● | 1T8486EL | 1T8487EL | 1T8488EL | 1T8489EL |
| | DALI | ○ | 1T8482DA | 1T8483DA | 1T8484DA | 1T8485DA |
| | | ● | 1T8486DA | 1T8487DA | 1T8488DA | 1T8489DA |

Note Related codes and accessory codes on page 15.

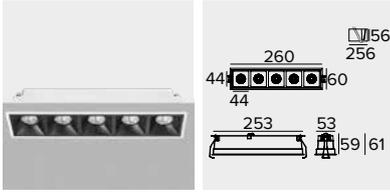
OZ Stand Alone Recessed | Large 3x | 160x60mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1004lm to 2023lm



| Optic | Driver | Colour | 2700K | 3000K | 3500K | 4000K |
|-----------------|--------|--------|----------|----------|----------|----------|
| SP 19° 20W | ON-OFF | ○ | 1T7770EL | 1T7771EL | 1T7772EL | 1T7773EL |
| | | ● | 1T7782EL | 1T7783EL | 1T7784EL | 1T7785EL |
| | DALI | ○ | 1T7770DA | 1T7771DA | 1T7772DA | 1T7773DA |
| | | ● | 1T7782DA | 1T7783DA | 1T7784DA | 1T7785DA |
| FL 34° 19W | ON-OFF | ○ | 1T7774EL | 1T7775EL | 1T7776EL | 1T7777EL |
| | | ● | 1T7786EL | 1T7787EL | 1T7788EL | 1T7789EL |
| | DALI | ○ | 1T7774DA | 1T7775DA | 1T7776DA | 1T7777DA |
| | | ● | 1T7786DA | 1T7787DA | 1T7788DA | 1T7789DA |
| MWFL 50° 19W | ON-OFF | ○ | 1T7778EL | 1T7779EL | 1T7780EL | 1T7781EL |
| | | ● | 1T7790EL | 1T7791EL | 1T7792EL | 1T7793EL |
| | DALI | ○ | 1T7778DA | 1T7779DA | 1T7780DA | 1T7781DA |
| | | ● | 1T7790DA | 1T7791DA | 1T7792DA | 1T7793DA |
| AM 49° 19W | ON-OFF | ○ | 1T8490EL | 1T8491EL | 1T8492EL | 1T8493EL |
| | | ● | 1T8526EL | 1T8527EL | 1T8528EL | 1T8529EL |
| | DALI | ○ | 1T8490DA | 1T8491DA | 1T8492DA | 1T8493DA |
| | | ● | 1T8526DA | 1T8527DA | 1T8528DA | 1T8529DA |
| ELL 11W | ON-OFF | ○ | 1T8518EL | 1T8519EL | 1T8520EL | 1T8521EL |
| | | ● | 1T8530EL | 1T8531EL | 1T8532EL | 1T8533EL |
| | DALI | ○ | 1T8518DA | 1T8519DA | 1T8520DA | 1T8521DA |
| | | ● | 1T8530DA | 1T8531DA | 1T8532DA | 1T8533DA |
| ELT 11W | ON-OFF | ○ | 1T8522EL | 1T8523EL | 1T8524EL | 1T8525EL |
| | | ● | 1T8534EL | 1T8535EL | 1T8536EL | 1T8537EL |
| | DALI | ○ | 1T8522DA | 1T8523DA | 1T8524DA | 1T8525DA |
| | | ● | 1T8534DA | 1T8535DA | 1T8536DA | 1T8537DA |

Note Related codes and accessory codes on page 15.

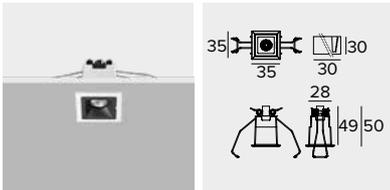
OZ Stand Alone Recessed | Large 5x | 260x60mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1835lm to 3372lm



| Optic | Driver | Colour | 2700K | 3000K | 3500K | 4000K |
|-----------------|--------|--------|----------|----------|----------|----------|
| SP 19° 35W | ON-OFF | ○ | 1T7794EL | 1T7795EL | 1T7796EL | 1T7797EL |
| | | ● | 1T7806EL | 1T7807EL | 1T7808EL | 1T7809EL |
| | DALI | ○ | 1T7794DA | 1T7795DA | 1T7796DA | 1T7797DA |
| | | ● | 1T7806DA | 1T7807DA | 1T7808DA | 1T7809DA |
| FL 34° 33W | ON-OFF | ○ | 1T7798EL | 1T7799EL | 1T7800EL | 1T7801EL |
| | | ● | 1T7810EL | 1T7811EL | 1T7812EL | 1T7813EL |
| | DALI | ○ | 1T7798DA | 1T7799DA | 1T7800DA | 1T7801DA |
| | | ● | 1T7810DA | 1T7811DA | 1T7812DA | 1T7813DA |
| MWFL 50° 33W | ON-OFF | ○ | 1T7802EL | 1T7803EL | 1T7804EL | 1T7805EL |
| | | ● | 1T7814EL | 1T7815EL | 1T7816EL | 1T7817EL |
| | DALI | ○ | 1T7802DA | 1T7803DA | 1T7804DA | 1T7805DA |
| | | ● | 1T7814DA | 1T7815DA | 1T7816DA | 1T7817DA |
| AM 49° 33W | ON-OFF | ○ | 1T8538EL | 1T8539EL | 1T8540EL | 1T8541EL |
| | | ● | 1T8858EL | 1T8859EL | 1T8860EL | 1T8861EL |
| | DALI | ○ | 1T8538DA | 1T8539DA | 1T8540DA | 1T8541DA |
| | | ● | 1T8858DA | 1T8859DA | 1T8860DA | 1T8861DA |
| ELL 21W | ON-OFF | ○ | 1T8850EL | 1T8851EL | 1T8852EL | 1T8853EL |
| | | ● | 1T8862EL | 1T8863EL | 1T8864EL | 1T8865EL |
| | DALI | ○ | 1T8850DA | 1T8851DA | 1T8852DA | 1T8853DA |
| | | ● | 1T8862DA | 1T8863DA | 1T8864DA | 1T8865DA |
| ELT 21W | ON-OFF | ○ | 1T8854EL | 1T8855EL | 1T8856EL | 1T8857EL |
| | | ● | 1T8866EL | 1T8867EL | 1T8868EL | 1T8869EL |
| | DALI | ○ | 1T8854DA | 1T8855DA | 1T8856DA | 1T8857DA |
| | | ● | 1T8866DA | 1T8867DA | 1T8868DA | 1T8869DA |

Note Related codes and accessory codes on page 15.

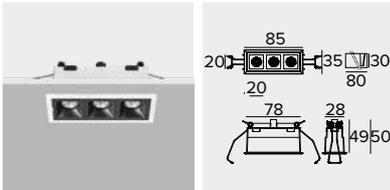
OZ Stand Alone Recessed | Small 1x | 35x35mm
 900mA | Ra90 | Fixture flux 3000K from 177lm to 198lm



| Optic | Colour | 2700K | 3000K | 3500K | 4000K |
|---------------|--------|--------|--------|--------|--------|
| FL 29° 3W | ○ | 1T7606 | 1T7607 | 1T7608 | 1T7609 |
| | ● | 1T7618 | 1T7619 | 1T7620 | 1T7621 |
| WFL 56° 3W | ○ | 1T7610 | 1T7611 | 1T7612 | 1T7613 |
| | ● | 1T7622 | 1T7623 | 1T7624 | 1T7625 |
| AM 60° 3W | ○ | 1T8962 | 1T8963 | 1T8964 | 1T8965 |
| | ● | 1T8966 | 1T8967 | 1T8968 | 1T8969 |

Note To be completed with an ON-OFF or DALI driver.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 Related codes and accessory codes on page 15.

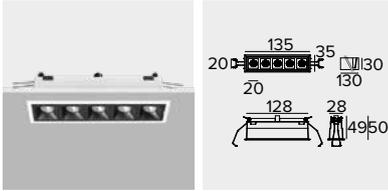
OZ Stand Alone Recessed | Small 3x | 85x35mm
 600mA | Ra90 | Fixture flux 3000K from 336lm to 397lm



| Optic | Colour | 2700K | 3000K | 3500K | 4000K |
|---------------|--------|--------|--------|--------|--------|
| FL 29° 5W | ○ | 1T7630 | 1T7631 | 1T7632 | 1T7633 |
| | ● | 1T7642 | 1T7643 | 1T7644 | 1T7645 |
| WFL 56° 5W | ○ | 1T7634 | 1T7635 | 1T7636 | 1T7637 |
| | ● | 1T7646 | 1T7647 | 1T7648 | 1T7649 |
| AM 60° 5W | ○ | 1T8970 | 1T8971 | 1T8972 | 1T8973 |
| | ● | 1T8982 | 1T8983 | 1T8984 | 1T8985 |
| ELL 5W | ○ | 1T8974 | 1T8975 | 1T8976 | 1T8977 |
| | ● | 1T8986 | 1T8987 | 1T8988 | 1T8989 |
| ELT 5W | ○ | 1T8978 | 1T8979 | 1T8980 | 1T8981 |
| | ● | 1T8990 | 1T8991 | 1T8992 | 1T8993 |

Note To be completed with an ON-OFF or DALI driver.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 Related codes and accessory codes on page 15.

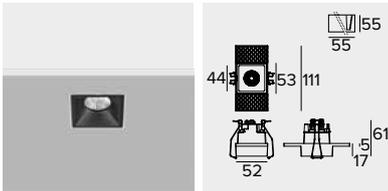
OZ Stand Alone Recessed | Small 5x | 135x35mm
 600mA | Ra90 | Fixture flux 3000K from 561lm to 663lm



| Optic | Colour | 2700K | 3000K | 3500K | 4000K |
|---------------|--------|--------|--------|--------|--------|
| FL 29° 9W | ○ | 1T7654 | 1T7655 | 1T7656 | 1T7657 |
| | ● | 1T7666 | 1T7667 | 1T7668 | 1T7669 |
| WFL 56° 9W | ○ | 1T7658 | 1T7659 | 1T7660 | 1T7661 |
| | ● | 1T7670 | 1T7671 | 1T7672 | 1T7673 |
| AM 60° 9W | ○ | 1T8994 | 1T8995 | 1T8996 | 1T8997 |
| | ● | 1T9006 | 1T9007 | 1T9008 | 1T9009 |
| ELL 9W | ○ | 1T8998 | 1T8999 | 1T9000 | 1T9001 |
| | ● | 1T9010 | 1T9011 | 1T9012 | 1T9013 |
| ELT 9W | ○ | 1T9002 | 1T9003 | 1T9004 | 1T9005 |
| | ● | 1T9014 | 1T9015 | 1T9016 | 1T9017 |

Note To be completed with an ON-OFF or DALI driver.
 Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
 Related codes and accessory codes on page 15.

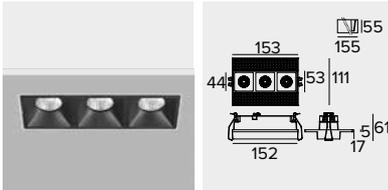
OZ Stand Alone Trimless | Large 1x | 53x53mm
 220-240Vac | Ra90 | Fixture flux 3000K from 618lm to 675lm



| Optic | Driver | 2700K | 3000K | 3500K | 4000K |
|----------------|--------|----------|----------|----------|----------|
| SP 19° 7W | ON-OFF | 1T7818EL | 1T7819EL | 1T7820EL | 1T7821EL |
| | DALI | 1T7818DA | 1T7819DA | 1T7820DA | 1T7821DA |
| FL 34° 7W | ON-OFF | 1T7822EL | 1T7823EL | 1T7824EL | 1T7825EL |
| | DALI | 1T7822DA | 1T7823DA | 1T7824DA | 1T7825DA |
| MWFL 50° 7W | ON-OFF | 1T7826EL | 1T7827EL | 1T7828EL | 1T7829EL |
| | DALI | 1T7826DA | 1T7827DA | 1T7828DA | 1T7829DA |
| AM 49° 7W | ON-OFF | 1T8870EL | 1T8871EL | 1T8872EL | 1T8873EL |
| | DALI | 1T8870DA | 1T8871DA | 1T8872DA | 1T8873DA |

Note Related codes and accessory codes on page 15.

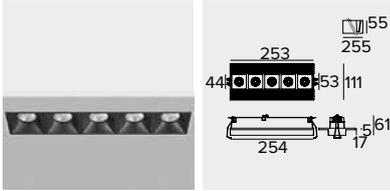
OZ Stand Alone Trimless | Large 3x | 153x53mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1004lm to 2023lm



| Optic | Driver | 2700K | 3000K | 3500K | 4000K |
|-----------------|--------|----------|----------|----------|----------|
| SP 19° 20W | ON-OFF | 1T7842EL | 1T7843EL | 1T7844EL | 1T7845EL |
| | DALI | 1T7842DA | 1T7843DA | 1T7844DA | 1T7845DA |
| FL 34° 19W | ON-OFF | 1T7846EL | 1T7847EL | 1T7848EL | 1T7849EL |
| | DALI | 1T7846DA | 1T7847DA | 1T7848DA | 1T7849DA |
| MWFL 50° 19W | ON-OFF | 1T7850EL | 1T7851EL | 1T7852EL | 1T7853EL |
| | DALI | 1T7850DA | 1T7851DA | 1T7852DA | 1T7853DA |
| AM 49° 19W | ON-OFF | 1T8874EL | 1T8875EL | 1T8876EL | 1T8877EL |
| | DALI | 1T8874DA | 1T8875DA | 1T8876DA | 1T8877DA |
| ELL 11W | ON-OFF | 1T8878EL | 1T8879EL | 1T8880EL | 1T8881EL |
| | DALI | 1T8878DA | 1T8879DA | 1T8880DA | 1T8881DA |
| ELT 11W | ON-OFF | 1T8882EL | 1T8883EL | 1T8884EL | 1T8885EL |
| | DALI | 1T8882DA | 1T8883DA | 1T8884DA | 1T8885DA |

Note Related codes and accessory codes on page 15.

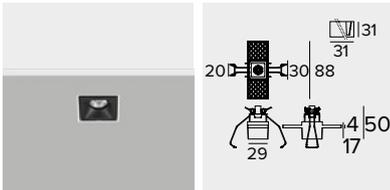
OZ Stand Alone Trimless | Large 5x | 253x53mm
 220-240Vac | Ra90 | Fixture flux 3000K from 1835lm to 3372lm



| Optic | Driver | 2700K | 3000K | 3500K | 4000K |
|-----------------|--------|----------|----------|----------|----------|
| SP 19° 35W | ON-OFF | 1T7866EL | 1T7867EL | 1T7868EL | 1T7869EL |
| | DALI | 1T7866DA | 1T7867DA | 1T7868DA | 1T7869DA |
| FL 34° 33W | ON-OFF | 1T7870EL | 1T7871EL | 1T7872EL | 1T7873EL |
| | DALI | 1T7870DA | 1T7871DA | 1T7872DA | 1T7873DA |
| MWFL 50° 33W | ON-OFF | 1T7874EL | 1T7875EL | 1T7876EL | 1T7877EL |
| | DALI | 1T7874DA | 1T7875DA | 1T7876DA | 1T7877DA |
| AM 49° 33W | ON-OFF | 1T8886EL | 1T8887EL | 1T8888EL | 1T8889EL |
| | DALI | 1T8886DA | 1T8887DA | 1T8888DA | 1T8889DA |
| ELL 21W | ON-OFF | 1T8890EL | 1T8891EL | 1T8892EL | 1T8893EL |
| | DALI | 1T8890DA | 1T8891DA | 1T8892DA | 1T8893DA |
| ELT 21W | ON-OFF | 1T8894EL | 1T8895EL | 1T8896EL | 1T8897EL |
| | DALI | 1T8894DA | 1T8895DA | 1T8896DA | 1T8897DA |

Note Related codes and accessory codes on page 15.

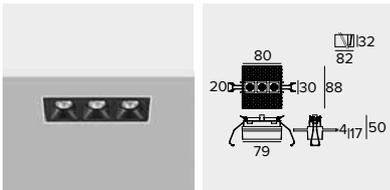
OZ Stand Alone Trimless | Small 1x | 30x30mm
 900mA | Ra90 | Fixture flux 3000K from 177lm to 198lm



| Optic | 2700K | 3000K | 3500K | 4000K |
|---------------|--------|--------|--------|--------|
| FL 29° 3W | 1T7678 | 1T7679 | 1T7680 | 1T7681 |
| WFL 56° 3W | 1T7682 | 1T7683 | 1T7684 | 1T7685 |
| AM 60° 3W | 1T9018 | 1T9019 | 1T9020 | 1T9021 |

Note To be completed with an ON-OFF or DALI driver. Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 15.

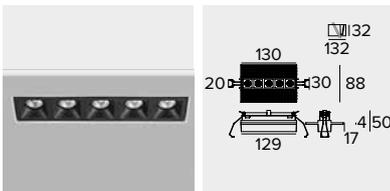
OZ Stand Alone Trimless | Small 3x | 80x30mm
 600mA | Ra90 | Fixture flux 3000K from 336lm to 397lm



| Optic | 2700K | 3000K | 3500K | 4000K |
|---------------|--------|--------|--------|--------|
| FL 29° 5W | 1T7702 | 1T7703 | 1T7704 | 1T7705 |
| WFL 56° 5W | 1T7706 | 1T7707 | 1T7708 | 1T7709 |
| AM 60° 5W | 1T9022 | 1T9023 | 1T9024 | 1T9025 |
| ELL 5W | 1T9026 | 1T9027 | 1T9028 | 1T9029 |
| ELT 5W | 1T9030 | 1T9031 | 1T9032 | 1T9033 |

Note To be completed with an ON-OFF or DALI driver. Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 15.

OZ Stand Alone Trimless | Small 5x | 130x30mm
 600mA | Ra90 | Fixture flux 3000K from 561lm to 663lm



| Optic | 2700K | 3000K | 3500K | 4000K |
|---------------|--------|--------|--------|--------|
| FL 29° 9W | 1T7726 | 1T7727 | 1T7728 | 1T7729 |
| WFL 56° 9W | 1T7730 | 1T7731 | 1T7732 | 1T7733 |
| AM 60° 9W | 1T9034 | 1T9035 | 1T9036 | 1T9037 |
| ELL 9W | 1T9038 | 1T9039 | 1T9040 | 1T9041 |
| ELT 9W | 1T9042 | 1T9043 | 1T9044 | 1T9045 |

Note To be completed with an ON-OFF or DALI driver. Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 15.

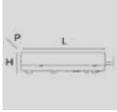
Related codes and accessories

OZ | Codes compatible with the whole range

Related codes

Power Supply

| | Dimensions LxHxP mm | Power | Power supply | Output current | IP | Code |
|---|------------------------|------------|--------------------------|----------------|------|-----------------|
|  | 110x22x52 | 20W | 110-240Vac | 600mA | IP20 | 1T8172EL |
| | 110x22x52 | 20W 15W | 220-240Vac 110-127Vac | 900mA | IP20 | 1T5295EL |
| Electronic power supply. | | | | | | |

| | Dimensions LxHxP mm | Power | Power supply | Output current | IP | Code |
|---|------------------------|-------|--------------|----------------|------|-----------------|
|  | 156x26x52 | 20W | 230Vac | 600mA | IP20 | 1T8172DA |
| | 156x26x52 | 20W | 230Vac | 900mA | IP20 | 1T7686DA |
| DALI power supply. | | | | | | |

Accessory codes

Emergency Kit

| | Code |
|--|-------------|
|  | A059 |
| <p>Emergency kit composed of an inverter a LiFePO4 battery and a LED Green indicator.</p> <p>Allows permanent EP emergency use of the fixture it is connected to. The 1h or 3h autonomy can be selected by configuring the fixture. The batteries take 12h to completely recharge.</p> <p>LED Green indicator wired to the inverter through single-core cables L= 800mm.</p> <p>Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded.</p> <p>Battery size 160x54x30 mm.</p> <p>Inverter size 165x40x25 mm.</p> | |

Control systems

| | Code | | Code |
|--|---------------|---|---------------|
|  | 1T5349 |  | 2T0131 |
| <p>IP20 wireless control unit with DALI interface.</p> <p>More details on page 24.</p> | | <p>IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.</p> <p>More details on page 24.</p> | |

LIGHT MANAGEMENT SYSTEM

HOW WE CONTROL OUR FIXTURES

Dali

The fixture is equipped with a driver that provides a connection to a BUS DALI system for overall management of the system.

DALI is the acronym for “Digital Addressable Lighting Interface”, an international standard protocol compliant with IEC EN 62386 that guarantees the interchangeability of dimmable electronic power supplies from different manufacturers. It is used in building automation. It can be used for medium-sized and large projects and entails a preventive design with special cable routing. Many fixtures in the Targetti collection have DALI drivers and are therefore compatible with home automation systems that integrate lighting into building automation.

Dimm on board

The fixture is dimmed using a commutator located inside it.

The simplest system for dimming light fixtures. A commutator inside the fixtures makes it possible to intervene manually and regulate the intensity of the light emission to modulate the light according to actual project needs.

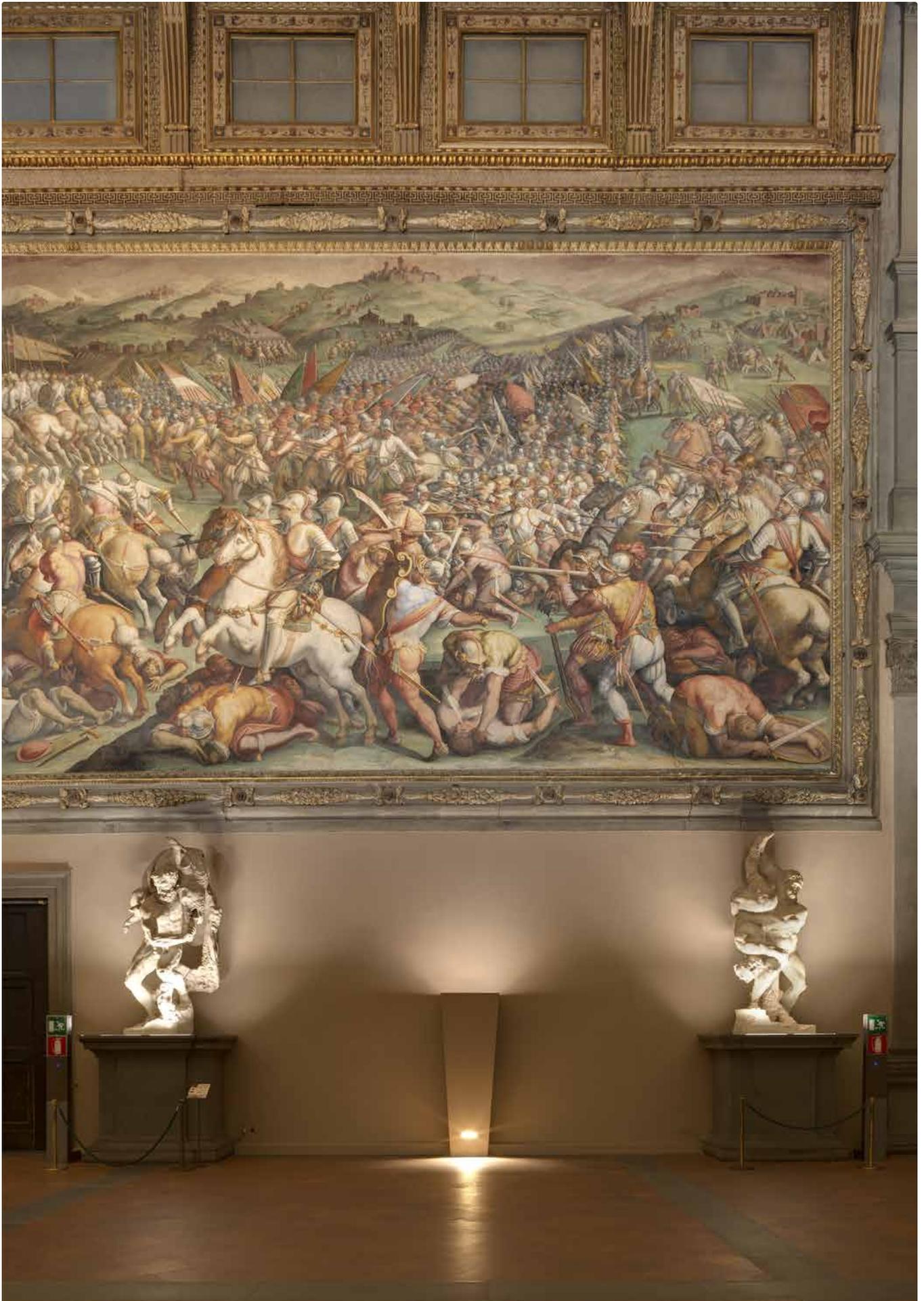
CASAMBI

Targetti Control powered by Casambi Fixtures are controlled via wireless or Bluetooth by a smartphone or a tablet without the need for any other hardware. For Casambi on board fixtures or those equipped with DALI drivers.

LMS is the Targetti home automation lighting control system that makes it possible to manage lighting systems in wireless mode. Designed for both the consumer and professional markets LMS is the result of a combination of components from Casambi, a leading company producing wireless lighting control solutions, and Targetti light fixtures.

DMX

RGB, RGBW and Tunable White fixtures are controlled using a DMX protocol. Software and touch screen interfaces are available to manage and create static and dynamic lighting scenes.



TARGETTI CONTROL

Powered by Casambi

LMS is the Targetti wireless home automation system that can manage even the most complex lighting systems. Designed for the consumer and the professional market, LMS is the result of the combination of components from Casambi - a leading company producing wireless lighting control solutions - and Targetti light fixtures.

iOS and Android apps

Thanks to the intuitive simplicity of the app developed by Casambi for iOS and Android, LMS ensures system operational readiness. You just need a phone or another mobile device and anyone can create and manage a lighting network singlehandedly by controlling every fixture individually or in groups depending on the needs and the functions required. Managing the system using a standard handset is also made possible with the use of specific accessories.

Extreme usability

The ease of use and programming of the system makes it easy to manage without the use of special control units or assistance from specialised technicians. The application recognises and associates the Targetti

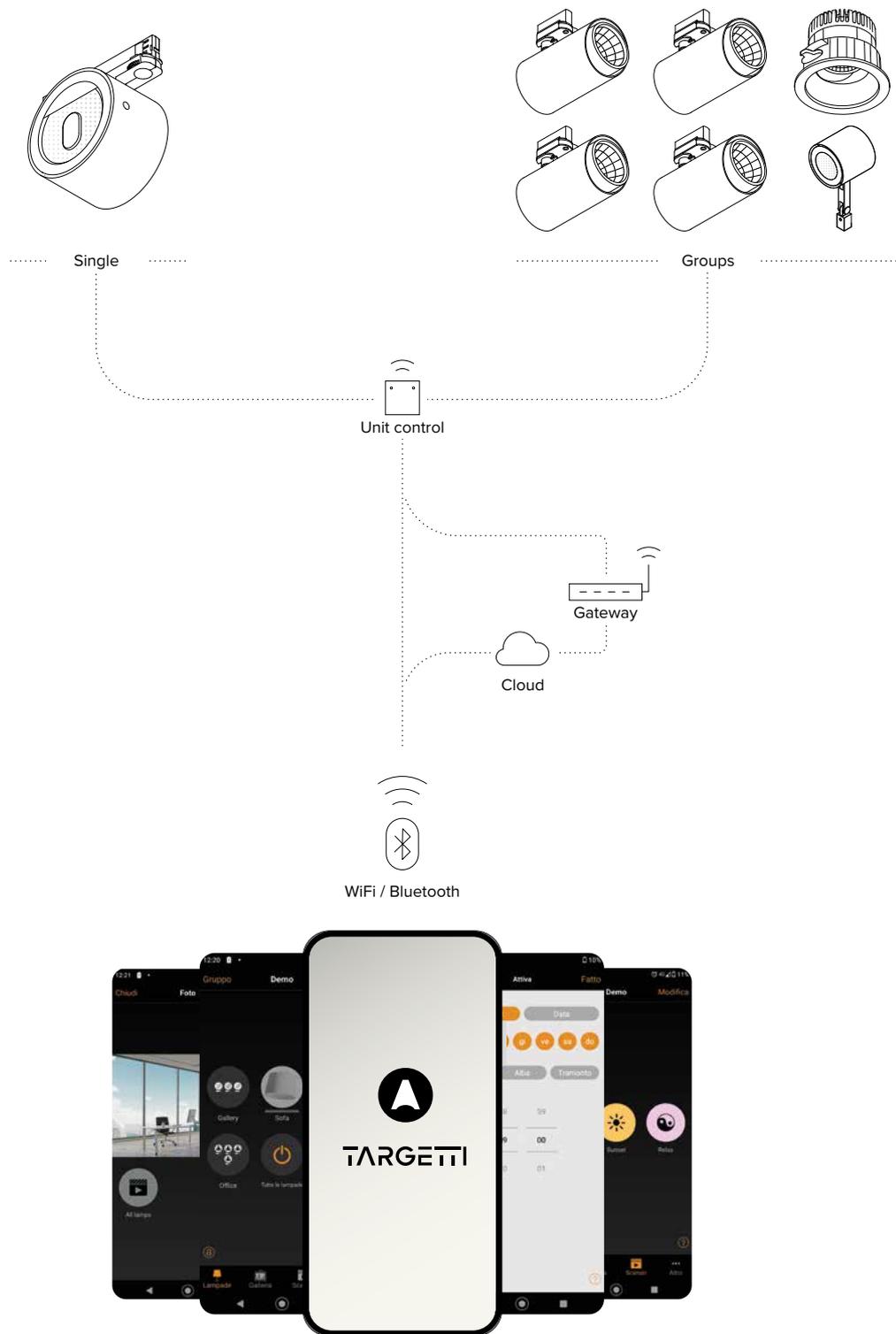
fixtures that are installed in the space automatically by using the BLE (Casambi Bluetooth Low Energy) proprietary protocol to communicate with the various fixtures. No Internet connection is necessary except for synchronisation functions or remote access.

Mesh self-healing network

LMS allows the final user to generate adaptive and multipoint networks: “adaptive” because every fixture can work as a buffer for all the others, adapting automatically to various contexts to optimise control signal propagation; “multipoint” because you can connect up to 250 fixtures on each network without any limit on the number of networks. The result is strong, reliable and affordable networks that manage the system, the profiles of individual fixtures and access rights.



Installation sequence



- ① Choose Targetti fixtures by opting for the Targetti Casambi Ready package or Casambi accessory components
- ② Download the Casambi iOS or Android App depending on the device used
- ③ Launch the App: the fixtures in operation will be detected automatically
- ④ Create one or two networks depending on the characteristics of the environment
- ⑤ Create groups of devices as needed
- ⑥ Program scenes and/or sequences.
- ⑦ Set the level of network sharing

TC — Functions



Control Type

Casambi control can be done using:

- Buttons and switches (manual control)
- App (manual digital control)
- Sensors and timers (automatic digital control)



Grouping

Different fixtures can be grouped together to be managed all together or individually. Grouping is easy and the same as grouping apps on smart devices.



Scenes

It is possible to:

- create lighting scenes for different occasions;
- manage several fixtures with just one touch to create the perfect atmosphere for specific needs;
- Use the same fixture in different scenes.



Tunable control

Casambi provides complete colour temperature control for those permitted in the range for LED sources. Just swipe your finger over the icon for the source to change the colour temperature.



Animation

It is possible to create dynamic scenes with fades from scene to scene. Animated scenes can be recalled again or repeated as required. It is possible to set both the duration of each scene and fade times between scenes.



Gallery

The exclusive gallery function makes control intuitive. Taking a photo of an environment or uploading a floor plan on the app it is possible to mark the fixtures and then recall them. Images are saved in a special gallery on the app with the fixtures displayed. Users only have to touch the ones they want to manage.



Gateway

With the gateway function it is possible to access a Casambi network remotely. Casambi enabled fixtures can be managed and network settings (administration rights required) can be changed. To enable the remote access feature, an iOS or Android device must act as a gateway on the Casambi network.



Adaptable

The Casambi system is adaptable to both simple as well as more complex projects. It is based on the possibility to create an unlimited number of networks that can be turned on and off.



Calendar

With the calendar and timer function it is possible to activate and deactivate scenes and animated scenes based on parameters such as: timetables, weekly scheduling, seasonality etc. This makes it possible to meet the needs of different users and the environments to be lit. All Casambi units keep track of time.

Casambi Accessories

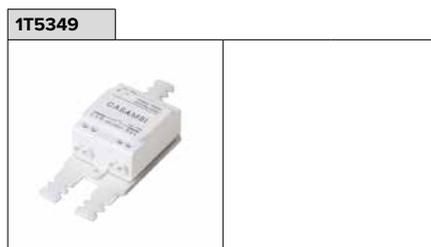
External accessories with simple electric cables make it possible to control Targetti fixtures in wireless mode.

For a clear and easy choice for the correct accessories, please refer to the explanatory table on page 26 that shows:

- An alphabetical list of the Targetti fixtures that are compatible with Casambi accessories
- Product variants that are compatible with Casambi accessories (only some variants of the same product can be controlled by the LMS system)
- Compatible accessories (descriptions and technical characteristics are listed below)
- Wiring diagram

Gateway DALI/Casambi available that allows fixtures fitted with mesh Bluetooth Casambi technology to interface with a traditional DALI system and to be adjusted by a DALI control unit. For further information see the website.

CONTROL UNIT IP20 - DALI

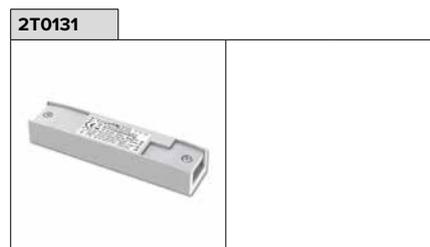


IP20 wireless control unit with DALI interface. It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology. The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures. The control unit is preset to the DALI 1CH profile, meaning the device can control a single DALI driver with broadcast commands. In addition to the DALI broadcast, other operating modes are available, such as: button (normally open), control unit 0/1-10V, control unit DALI Tunable White DT8, presence sensor.

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.

| | |
|---------------------|---------------|
| Power supply | 220-240 VAC |
| Power | 1,1W - PF 0,6 |
| Max current | 0,6 Amp AC |
| Max n. DALI driver | 1 |
| Max n. 1-10v driver | 1 |
| Dimensions | 102x25x36mm |
| Exit | 1-10V / DALI |

EXTENDER IP20 - DALI



IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. It has a DALI2 output with the capacity to control up to 40 lighting fixtures. With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures. IP20 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level. In addition to the DALI broadcast other operating modes are available, such as: Extender DALI 8CH, Extender DALI Tunable White, Extender 0/1-10V, Extender DALI 4CH, Extender DALI DT8 Tunable White.

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.

| | |
|---------------------|---------------|
| Power supply | 100-240 VAC |
| Power | 2,7W - PF 0,6 |
| Max current | 6 Amp AC |
| Max n. DALI driver | 64 |
| Max n. 1-10v driver | 30 |
| Dimensions | 130x22x30mm. |

CONTROL MODULE IP67 - DALI



IP67 wireless control unit with DALI interface. It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology. The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures. The control unit is preset to the DALI 1CH profile, meaning the device can control a single DALI driver with broadcast commands.

In addition to the DALI broadcast, other operating modes are available, such as: button (normally open), control unit 0/1-10V, control unit DALI Tunable White DT8, presence sensor.

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.

| | |
|---------------------|---------------|
| Power supply | 100-240 VAC |
| Power | 1,1W - PF 0,6 |
| Max current | 0,6 Amp AC |
| Max n. DALI driver | 1 |
| Max n. 1-10v driver | 1 |
| Dimensions | 108x28x65mm. |

EXTENDER IP67 - DALI

1E4369



IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. It has a DALI2 output with the capacity to control up to 40 lighting fixtures. With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures. IP67 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level. In addition to the DALI broadcast other operating modes are available, such as: Extender DALI 8CH, Extender DALI Tunable White, Extender DALI 4CH, Extender DALI DT8 Tunable White. If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.

| | |
|---------------------|---------------|
| Power supply | 100-240 VAC |
| Power | 2,7W - PF 0,6 |
| Max current | 6 Amp AC |
| Max n. DALI driver | 64 |
| Max n. 1-10v driver | 30 |
| Dimensions | 148x40x150mm |

XPRESS

1T5350

Black

2T0132

White

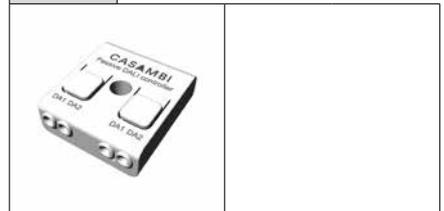


Xpress is a wall mounted wireless user interface; it can be installed wherever the user chooses thanks to battery power with autonomy of 2-3 years providing direct access to all the most important CASAMBI system control functions. As well as switching the fixtures on and off, Xpress controls dimming, colour temperature change in fixtures equipped with this technology, and control of individual fixtures and lighting scene or sequence management.

| | |
|------------|------------|
| Dimensions | 90x12x90mm |
|------------|------------|

BRIDGE DALI/CASAMBI

1T8173CA



Bridge DALI/Casambi: a fixture that allows fixtures equipped with mesh Bluetooth Casambi to interface with a traditional DALI system and to be adjusted by a DALI control unit. Inside the usual DALI circuit it is possible to have a maximum of 64 cabled DALI and Casambi wireless devices. It only works with Casambi Evolution networks.

The DALI Bridge is transparent in the DALI system, and therefore does not require an address. There is no need for a power supply given that it is supplied directly by the DALI bus. To provide IP68 rating to the fixture complete with code 1E3184.

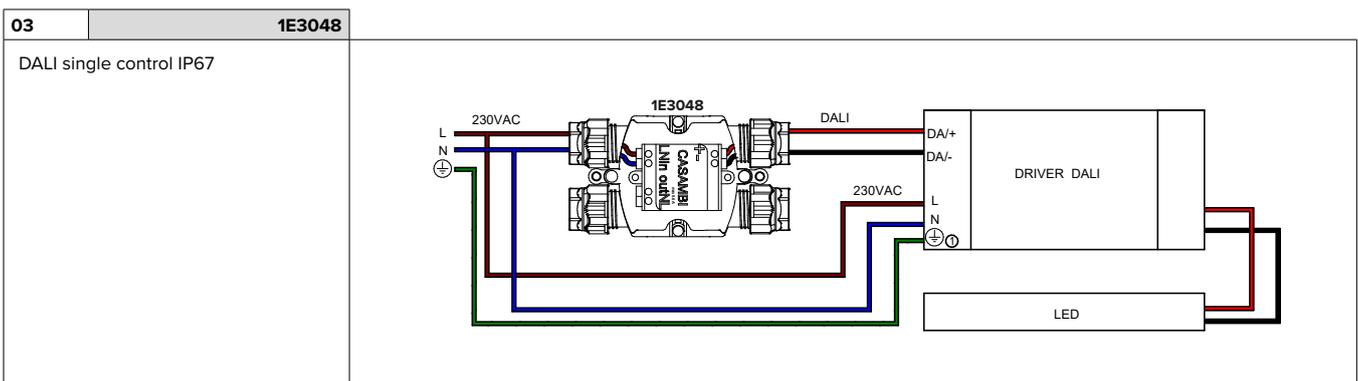
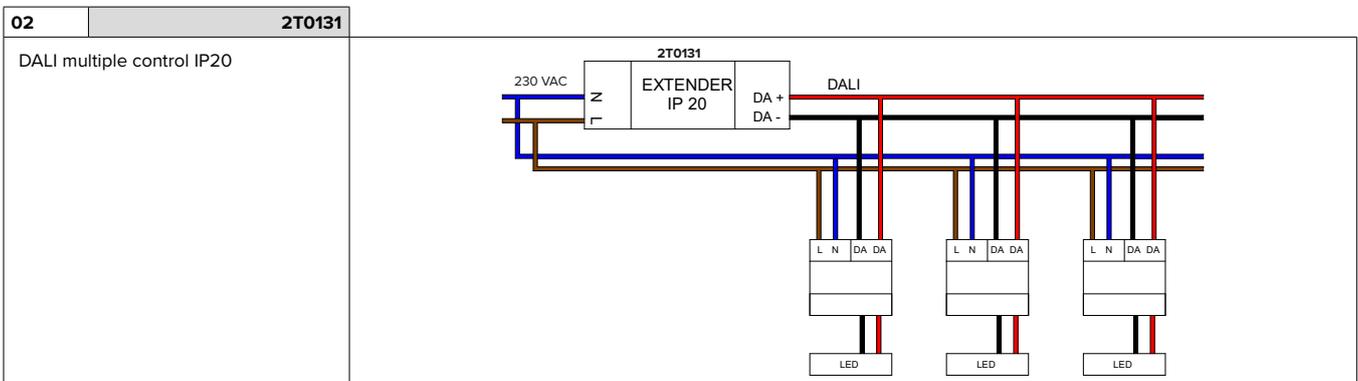
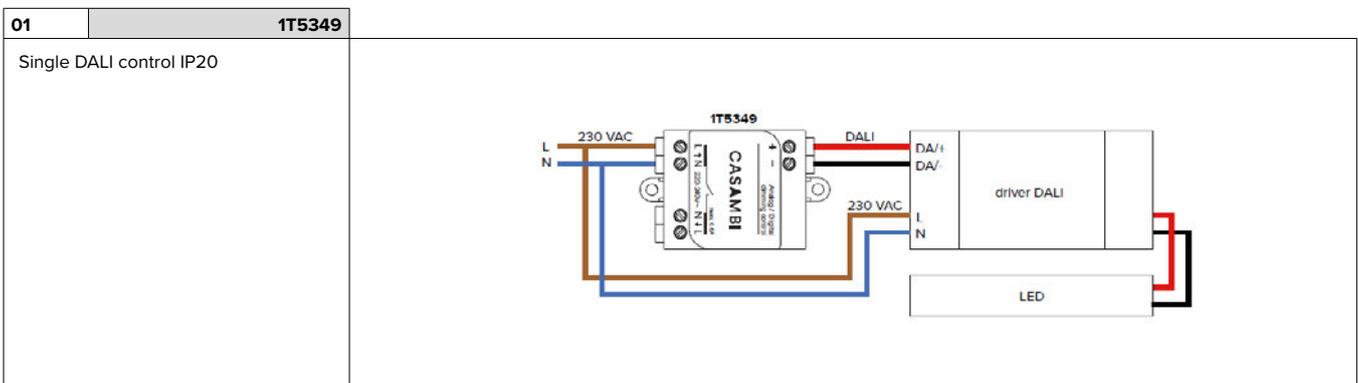
| | |
|------------|----------------|
| Dimensions | 40,4x14x36,3mm |
|------------|----------------|

Quadro sinottico accessori Casambi

| Product | Variant | 1T5349 Control module IP20 | 2T0131 Extender IP20 | 1E3048 Control module IP67 | 1E4369 Extender IP67 | Schema Pag. 28 |
|--|----------------------|----------------------------------|----------------------------|----------------------------------|----------------------------|-------------------|
|  BEBOP RECESSED | DALI Version | ● | ● | | | 01 - 02 |
|  CCTEVO ARCHITECTURAL | DALI Version | ● | ● | | | 01 - 02 |
|  CCTEVO DOWNLIGHT | DALI Version | ● | ● | | | 01 - 02 |
|  CCTEVO TUBE | DALI Version | ● | ● | | | 01 - 02 |
|  CCTEVO EXTRACTABLE | DALI Version | ● | ● | | | 01 - 02 |
|  CCTEVO WW | DALI Version | ● | ● | | | 01 - 02 |
|  CCTLED DOWNLIGHT | DALI Version | ● | ● | | | 01 - 02 |
|  CORO | With DALI driver | ● | ● | | | 01 - 02 |
|  DART | DALI Version | | | ● | ● | 03 - 04 |
|  DART ROUND | DALI Version | | | ● | ● | 03 - 04 |
|  FEBO EVO | DALI Version | | | ● | ● | 03 - 04 |
|  FORTYEIGHT LABEL | DALI Version | | ● | | | 02 |
|  FORTYEIGHT LOGICO 30 | DALI Version | | ● | | | 02 |
|  HALL | DALI Version | ● | ● | | | 01 - 02 |
|  JEDI | DALI Version | | | ● | ● | 03 - 04 |
|  JEDI RECESSED | DALI Version | | | ● | ● | 03 - 04 |
|  JEDI COMPACT INDOOR | DALI Version | ● | ● | | | 01 - 02 |
|  JEDI COMPACT OUTDOOR | DALI Version | | | ● | ● | 03 - 04 |
|  JEDI COMPACT OUTDOOR RECESSED | DALI Version | | | ● | ● | 03 - 04 |
|  JUPITER PRO | With DALI controller | | | ● | ● | 03 - 04 |
|  KEPLERO 160 - KEPLERO 280 | DALI Version | | | ● | ● | 03 - 04 |

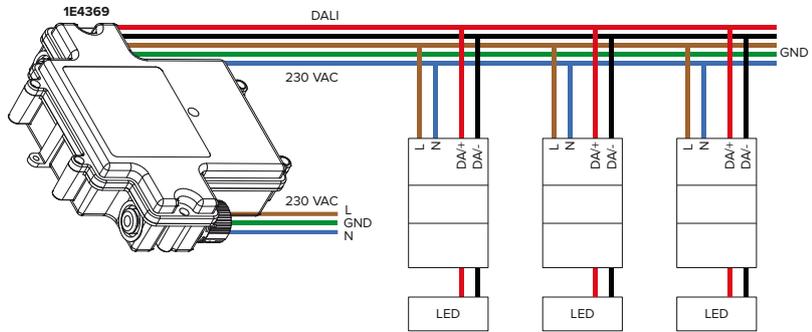
| Product | Variant | 1T5349 Control module IP20 | 2T0131 Extender IP20 | 1E3048 Control module IP67 | 1E4369 Extender IP67 | Schema Pag. 28 |
|--|---------------------------------------|----------------------------------|----------------------------|----------------------------------|----------------------------|--------------------|
|  KEPLERO 50 - KEPLERO 80 | With DALI controller | | | ● | ● | 03 - 04 |
|  LABEL 230V | DALI Version | ● | ● | | | 01 - 02 |
|  LABEL | DALI Version | | ● | | | 02 |
|  LOGICO EASY STAND ALONE | DALI Version | ● | ● | | | 01 - 02 |
|  LOGICO EASY SYSTEM | DALI Version | ● | ● | | | 01 - 02 |
|  LOGICO SYSTEM | DALI Version | ● | ● | | | 01 - 02 |
|  MR. BO | DALI Version | | | ● | ● | 03 - 04 |
|  MRS. BO BOLLARD | DALI Version | | | ● | ● | 03 - 04 |
|  MRS. BO WALL | With DALI controller | | | ● | ● | 03 - 04 |
|  MRS. BO PATH | With DALI controller | | | ● | ● | 03 - 04 |
|  MR. SMITH | DALI Version | | | ● | ● | 03 - 04 |
|  MRS. SMITH | DALI Version | | | ● | ● | 03 - 04 |
|  OMEGA | DALI Version | ● | ● | | | 01 - 02 |
|  OZ STAND ALONE CEILING | DALI Version | ● | ● | | | 01 - 02 |
|  OZ STAND ALONE RECESSED | With DALI driver | ● | ● | | | 01 - 02 |
|  THREESIXTY | DALI Version | ● | ● | | | 01 - 02 |
|  VOLTA | With DALI driver | ● | ● | ● | ● | 01 - 02 03 - 04 |
|  ZEDGE - ZEDGE BOLLARD | With DALI controller | | | ● | ● | 03 - 04 |
|  ZEDGE LINE | DALI Version and with DALI controller | | | ● | ● | 03 - 04 |
|  ZEDGE PRO | DALI Version | | | ● | ● | 03 - 04 |
|  ZENO APPLIQUE | DALI Version | ● | ● | | | 01 - 02 |

Wiring diagrams



04 **1E4369**

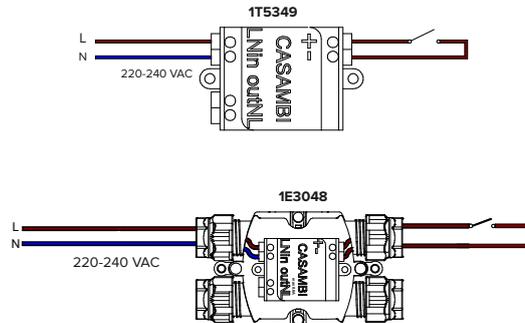
DALI multiple control IP67



05 **1T5349 - 1E3048**

Diagram for use with wall mounted push button

Normally open



DMX

Control system for DMX, Tunable White and RGBW fixtures

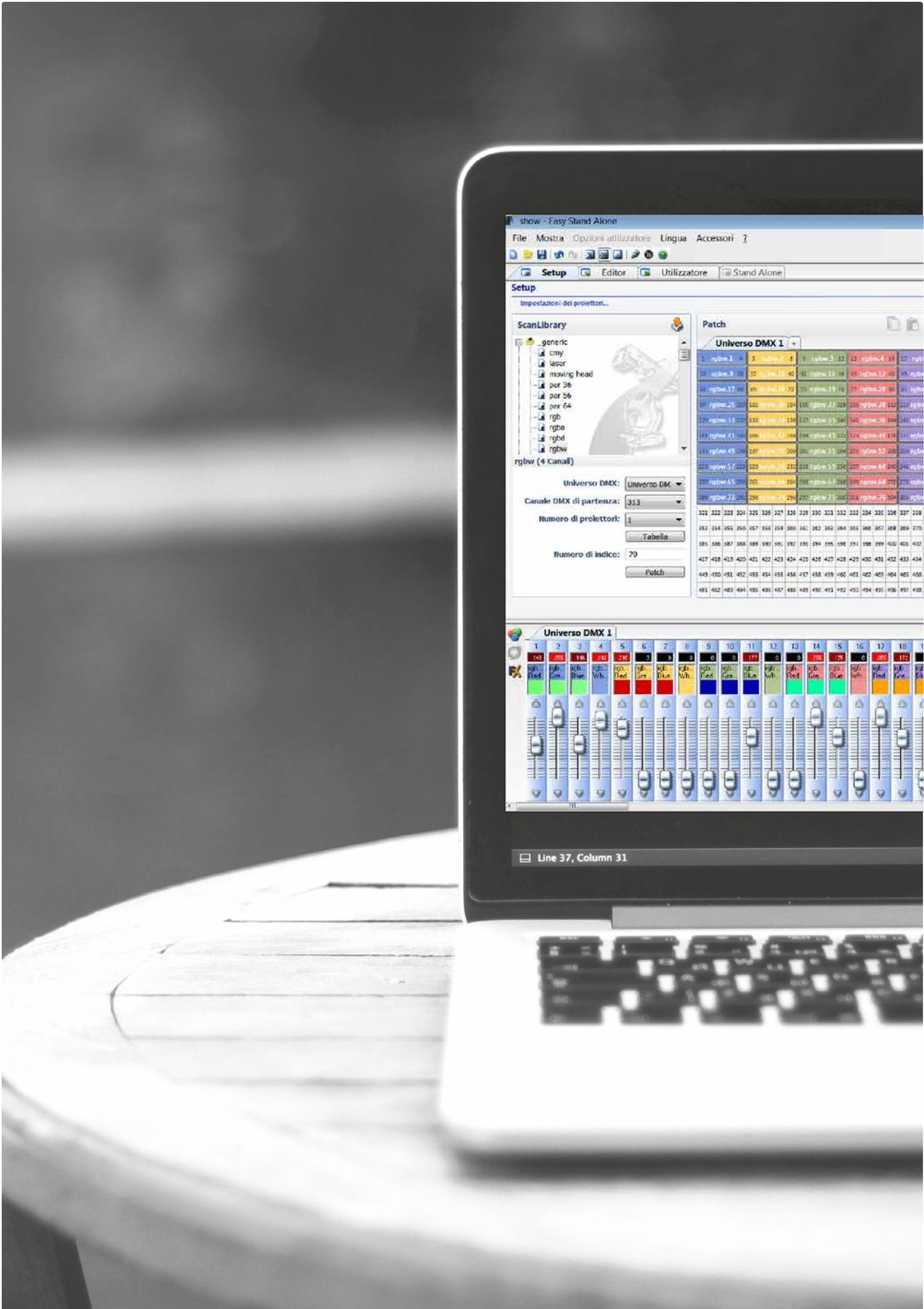
For programming and control RGBW fixtures use the DMX 512 digital protocol, the most widespread and proven standard for smart light control. This allows for complete compatibility with other fixtures on the market and makes a wide variety of accessories available at a reasonable cost.

Fixtures Power Supply

RGBW fixtures need special power supplies with PWM (Pulse Width Modulation) technology that makes it possible to regulate the light intensity separately of primary colours.

In larger RGBW products the integrated electronic power supply is always combined with the one used for dynamic control (DMX); in this case the fixtures are self-sufficient and defined as “smart”; smaller fixtures on the other hand require an external device that can power and control several fixtures at the same time.

RGBW fixtures are compatible with the DMX – RDM protocol that allows for remote programming via the data line.



mySCENARIO

Systems of digital devices designed to control dynamic lighting fixtures and to programme dynamic light scenarios and sequences. The system consists of an intuitive software, compatible with Windows operating systems, able to control different hardware devices having the following functions:

- recording colour-changing scenarios set by the operator;
- allowing the selection among the multiple scenarios recorded;
- rtransmitting the control signals to the lighting system.

The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.

patching function allows to assign the DMX control channels to the fixtures by using the internal library.

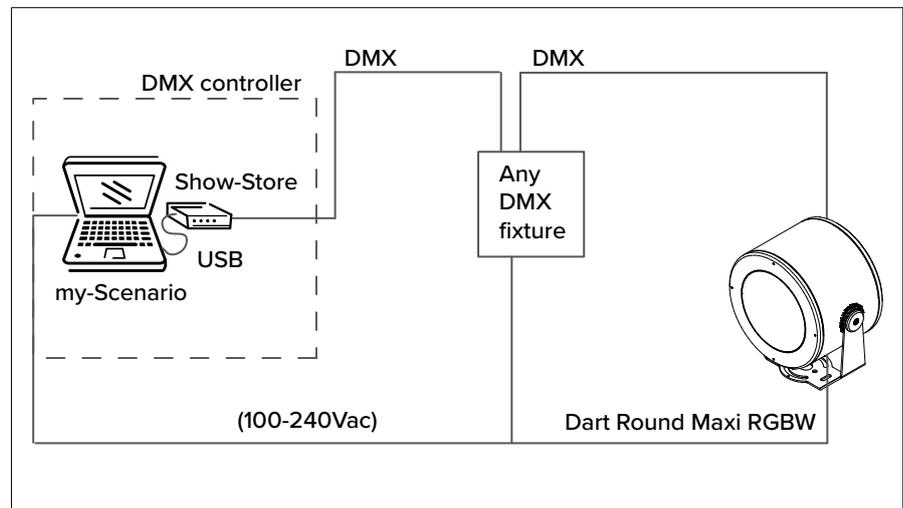
The Colour Manager function allows a quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times. The programmed light shows can be transferred to the different control interfaces.

The software provides a graphic simulation of the operating keys of lighting controller; the

MYSCENARIO SHOW STORE

| |
|--|
| 1T1898 |
|  |
| Software + USB interface |
| Storage, via USB, of light-shows created through mySCENARIO software |
| Automatic stand-alone operation with non need of a PC or any other external driver |
| Keys for scrolling through programmed sequences |
| Digital display to show the number (1-99) of active scene |
| Led indicators for ON/OFF status |
| Three poles XLR output – DMX signal to lighting fixtures |
| XLR input for daisy chain connection to other identical unit |
| Management of 512 DMX channels (512 parameters to be programmed separately) |
| Memory dedicated to light shows proportional to number of connected channels (2877 with 20 channels; 2877 with 60 channels; 355 with 512 channels) |

TYPICAL WIRING LAYOUT

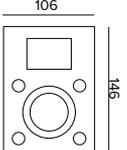


mySCENARIO Wall

DMX controller with a glass touch sensitive screen for architectural applications.

- It can control two different DMX universes (2x 512 channels).
- Stand alone function or connected to a computer using a USB port.
- Software for creating scenarios (that can be downloaded from the Targetti website) is included.
- It can manage 10 different lighting zones and 50 scenarios per zone.
- The touch keys on the front make it possible to modify and recall programmed scenarios.
- USB cable included.
- To be used with all RGBW products.

MYSCENARIO WALL

| 1T6499 | |
|---|---|
|  |  |
| Power supply | 6 Vdc |
| Output | 4W |
| Memory | SD card |
| DMX Channels | 2 x 511 |
| Operating system | Windows 32/64bit |
| Dimensions | 146 x 106 x 11 mm |

USB-RDM Programmer code

DMX-RDM (Remote Device Management) address planner.

Used with the “RDM Targetti” software that can be downloaded for free from the Targetti website download section.

To be used with all RGBW products.

USB - RDM

| 1E2767 | |
|---|--|
|  | |



TARGETTI SANKEY Srl
Certificated ISO 9001 n° 9130. TAR1
Certificated ISO 14001 n° IT319206

The Enec mark, ISO9001 and ISO14001 certifications and the CE marking all guarantee that the activities carried out internally in the company are governed and controlled by procedures which assure constant level of quality.

Accredited laboratory in accordance with ISO 17025.

Requisites and information

All fixtures of the Targetti collection have been designed and produced to comply with European Standard EN60598-1 relative to the safety requisite of light fixtures.

DIRECTIVES EUROPEAN COUNCIL

All fixtures comply with the following directives:

- EMC Directive 2014/30/EU
- LV Directive 2014/35/EU
- RoHS Directive 2011/65/EU

Unless specified otherwise

- all fixtures are supplied without lamps;
- all fixtures are sold separately;
- all measurements are expressed in millimeters;
- all fixtures at low voltage are supplied without transformer;
- For products in Class III performance is only guaranteed using the electronic power supplies and drivers indicated in the catalogue.



Targetti offers a five years warranty on the products that use LED light sources included in the Catalogues (unless otherwise specified).

The extension of guarantee does not apply to products with traditional light bulbs, to all the products for light management and control systems, both by Targetti and those by third parties, or to Targetti products fitted with 230V LED modules. For products fitted with traditional bulbs / LED bulbs, the warranty extension is valid only for the lighting product. The five years warranty is valid from the invoice date and covers any manufacturing and/or material defect found in products, if they are used in accordance with their intended use. The warranty terms are available on the Extension of guarantee.

Consorzio ecolight

Targetti Sankey Srl is a member of the Ecolight consortium that was set up in 2004 (D.Lgs. 49/2014) to comply with the provisions of the European Directive that was adopted in Italy as the European Directive 2012/19/EU for WEEE on managing, recovering and treating waste electrical and electronic equipment, used batteries and accumulators in compliance with all applicable legislation.

The colors of the products illustrated are reproduced as faithfully as possible compatibly with the technical limitations of the printed medium.

The company reserves the right to make changes to the production without notice. Reproduction of this catalogue or any part of it is prohibited. The products illustrated in this catalogue are covered by one or more Italian or international patents. The company will take legal action against any imitators.

Icons legend

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|---|---|
|  | Class I luminaire in which the protection against electrical shock is guaranteed by the connections of the conductive elements accessible to a protective conductor (earth connection). |
|  | Luminaire in which the connection to a protective conductor (earth connection) guarantees the immunity to radio noises. |
|  | Class II luminaire (double insulation), protected against the accidental contact with parts under tension from the user. |
|  | Class III luminaire, suitable for connection to very low voltage circuits. |
|  | Solid particle and liquid ingress protection degree. |
|  | Protection degree - Recessed part . Protection degree - Exposed part. |
|  | Impact protection degree. |
|  | ENEC European Norms Electrical Certification. |

Particular symbols

| | |
|---|---|
|  | Weight of the single fixture |
|  | Cable length |
|  | Walk-over |
|  | Driver-over safe |
|  | Fixtures that have parameters below the minimum visibility threshold $PstLM \leq 1$ and $SVM \leq 0.4$ (IEC TR 61547-1 and IEC TR 63158). |
|  | Casambi with accessories |
|  | Casambi ready |
|  | DMX on board |
|  | DBS (Dynamic Beam Shaping) optic system |

Light beam apertures

| Optics | Optic description | from | to |
|--------|------------------------|------|------|
| NSP | Narrow Spot | 5° | 10° |
| SP | Spot | 11° | 21° |
| FL | Flood | 22° | 40° |
| MWFL | Medium Wide Flood | 41° | 50° |
| WFL | Wide Flood | 51° | 70° |
| VWFL | Very Wide Flood | 71° | 120° |
| WW | Wall Washer | | |
| ASY | Asymmetric | | |
| FW | Floor Washer | | |
| ELL | Elliptical | | |
| ELT | Elliptical Transversal | | |
| AMB | Ambient | | |
| OPL | Opal | | |
| GRZ | Grazing | | |
| UGR | UGR | | |
| ZOOM | Zoom | | |
| DBS | Dynamic Beam Shaping | | |

Note

- Please contact us for on demand treatments and versions.
- The performances reported on the products refer to the use of the recommended drivers.
- The drivers selected by Targetti make the fixtures "Safe Flicker".

