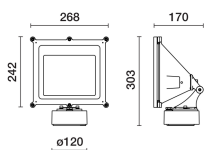


**Product configuration: PY19.01**

PY19.01: Floodlight with base – Warm White – Integrated power supply - DALI-2 - 42W 4890lm - 2200K - White



PY19.01: Floodlight with base – Warm White – Integrated power supply - DALI-2 - 42W 4890lm - 2200K - White

Floodlight designed to use LED lamps and an ST1 optic. Consisting of an optical assembly, an arm with a swivel joint and a glass-holding frame and base in aluminium alloy, subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation and sealing. The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. Transparent, 4mm thick, tempered sodium-calcium closing glass. The gasket is in black silicone. The product includes a Warm White monochrome circuit with a White Optismart Lens optical system. The electronic DALI-2 power supply is integrated in the product and compatible with remote management systems. The frame includes steel retaining cables. The product with a base can be adjusted on a vertical plane by  $\pm 45^\circ$  and on a horizontal plane by  $360^\circ$ . All external screws used are made of A2 stainless steel.

The product can be floor, wall or ceiling-installed and also pole-mounted using steel arms or a steel flange.

**Weight (Kg)**  
3.67

wall arm | wall surface | ceiling surface

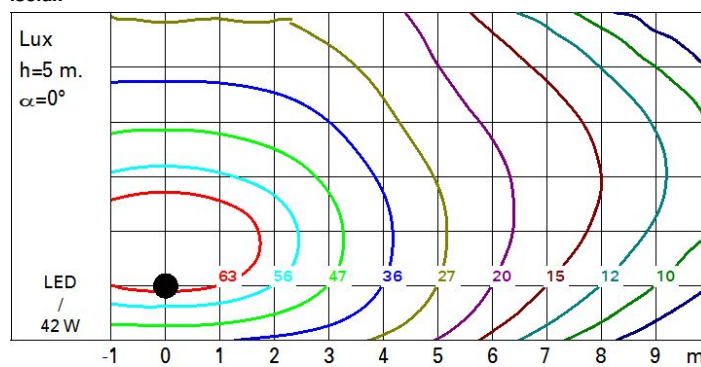
Complies with EN60598-1 and pertinent regulations



|                                                    |                                |                                                                          |                                                                                          |
|----------------------------------------------------|--------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Im system:                                         | 4890                           | Life Time LED 2:                                                         | 100,000h - L90 - B10 (Ta 40°C)                                                           |
| W system:                                          | 42                             | Lamp code:                                                               | LED                                                                                      |
| Im source:                                         | -                              | Number of lamps for optical assembly:                                    | 1                                                                                        |
| W source:                                          | -                              | ZVEI Code:                                                               | LED                                                                                      |
| Luminous efficiency (lm/W, real value):            | 116.4                          | Number of optical assemblies:                                            | 1                                                                                        |
| Im in emergency mode:                              | -                              | Intervallo temperatura ambiente:                                         | from -40°C to 35°C.                                                                      |
| Total light flux at or above an angle of 90° [Lm]: | 0                              | Power factor:                                                            | See installation instructions                                                            |
| Light Output Ratio (L.O.R.) [%]:                   | 100                            | Inrush current:                                                          | 21 A / 300 µs                                                                            |
| CRI (minimum):                                     | 70                             | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 13 luminaires<br>B16A: 21 luminaires<br>C10A: 21 luminaires<br>C16A: 35 luminaires |
| Colour temperature [K]:                            | 2200                           | Overvoltage protection:                                                  | 10kV Common mode & 6kV Differential mode                                                 |
| MacAdam Step:                                      | 3                              | Control:                                                                 | DALI-2                                                                                   |
| Life Time LED 1:                                   | 100,000h - L90 - B10 (Ta 25°C) |                                                                          |                                                                                          |

A candela diagram showing beam profiles for three different standards: CIE (solid cyan line), DIN (dashed magenta line), and CEN (dashed red line). The diagram is a polar plot with concentric circles representing candela values (4000, 2000, 1000, 500, 250, 125, 62.5, 31.25, 15.625, 7.8125, 3.90625, 1.953125, 0.9765625, 0.48828125, 0.244140625, 0.1220703125, 0.06103515625, 0.030517578125, 0.0152587890625, 0.00762939453125, 0.003814697265625, 0.0019073486328125, 0.00095367431640625, 0.000476837158203125, 0.0002384185791015625, 0.00011920928955078125, 0.000059604644775390625, 0.0000298023223876953125, 0.00001490116119384765625, 0.000007450580596923828125, 0.0000037252902984619140625, 0.00000186264514923095703125, 0.000000931322574615478515625, 0.0000004656612873077392578125, 0.00000023283064365386962890625, 0.000000116415321826934814453125, 0.0000000582076609134674072265625, 0.00000002910383045673370361328125, 0.000000014551915228366851806640625, 0.0000000072759576141834259033203125, 0.00000000363797880709171295166015625, 0.000000001818989403545856475830078125, 0.0000000009094947017729282379150390625, 0.00000000045474735088646411895751953125, 0.000000000227373675443232059478759765625, 0.0000000001136868377216160297393798828125, 0.00000000005684341886080801486968994140625, 0.000000000028421709430404007434844970703125, 0.0000000000142108547152020037174224853515625, 0.00000000000710542735760100185871124267578125, 0.000000000003552713678800500929355621337890625, 0.0000000000017763568394002504646778106689453125, 0.00000000000088817841970012523233890533447265625, 0.000000000000444089209850062616169452667236328125, 0.0000000000002220446049250313080847263336181640625, 0.00000000000011102230246251565404236316680908203125, 0.000000000000055511151231257827021181583404541015625, 0.0000000000000277555756156289135105907917022705078125, 0.00000000000001387778780781445675529539585113525390625, 0.000000000000006938893903907227877647697925567626953125, 0.0000000000000034694469519536139388238489627838134765625, 0.00000000000000173472347597680696941192448139190673828125, 0.000000000000000867361737988403484705962240695953369140625, 0.0000000000000004336808689942017423529811203479766845703125, 0.00000000000000021684043449710087117649056017398834228515625, 0.000000000000000108420217248550435588245280086994171142578125, 0.0000000000000000542101086242752177941226400434970855712890625, 0.00000000000000002710505431213760889706132002174854278564453125, 0.000000000000000013552527156068804448530660010874271392822265625, 0.0000000000000000067762635780344022242653300054371356464111328125, 0.00000000000000000338813178901720111213266500271856782320556640625, 0.000000000000000001694065894508600556066332501359283911602783203125, 0.0000000000000000008470329472543002780331662506796419558013916015625, 0.00000000000000000042351647362715013901658312533982097790069580078125, 0.000000000000000000211758236813575069508291562669910488950347900390625, 0.0000000000000000001058791184067875347541457813349552444751739501953125, 0.00000000000000000005293955920339376737707289066747762223758697509765625, 0.000000000000000000026469779601696883688536445333738811118793487548828125, 0.0000000000000000000132348898008484418442682226668694055593967437744140625, 0.00000000000000000000661744490042422092213411133343470277969837188720703125, 0.000000000000000000003308722450212110461067055666717351389849185943603515625, 0.0000000000000000000016543612251060552305335278333586756949245929718017578125, 0.00000000000000000000082718061255302761526676391667933784746229648590087890625, 0.000000000000000000000413590306276513807633381958339668923731148242950439453125, 0.0000000000000000000002067951531382569038166909791698344618655741214752197265625, 0.00000000000000000000010339757656912845190834548958491723093278706073760986328125, 0.000000000000000000000051698788284564225954172744792458615466393530368804931640625, 0.0000000000000000000000258493941422821129770863723962293077331967651844024658203125, 0.00000000000000000000001292469707114105648854318619811465386659838259220123291015625, 0.000000000000000000000006462348535570528244271593099057326933299191296100616455078125, 0.0000000000000000000000032311742677852641221357965495286634666495956480503082275

# Isolux



# Utilisation factors

