

LED Ceiling and Wall Luminaire COLUMBUS Pure

This filigree yet robust ceiling and wall luminaire with IP54 is ideal for lighting staircases, corridors and hallways. Suitable for the application the color temperature can be pre-selected via an integrated switch (3000 K, 4000 K or 5700 K). The efficient luminaire is also optionally available with a motion detector integrated in the luminaire.



| ITEM DESCRIPTION | ARTICLE CODE | EAN CODE | MOTION SENSOR |
|---|--------------|-----------------|---------------|
| LED CWL 300 1900LM/120D/830+840+857 230V | 29001371 | 9 009453 013828 | No |
| LED CWL 300 1900LM/120D/830+840+857 230V MS | 29001372 | 9 009453 013842 | Yes |

GENERAL CHARACTERISTICS

| | |
|-------------------------------------|--|
| Luminaire Materials | Plastic (PC) |
| Finish | White |
| IP Rating | IP54 |
| Shock Resistance | IK08 |
| UV Resistance | Yes |
| Rated Lifetime * | 50 000 h |
| Switching Cycles | 100 000 |
| Start Time from 0% to 100% | < 0.5 s |
| Ambient Temperature | -20 °C - +40 °C |
| Max. Surface Temperature | 60 °C |
| Mercury Content | 0.0 mg |
| Connection Type | 3-pole push-in terminal |
| Fixing | Mounting bracket on the back side |
| Risk Group (Photobiological Safety) | RG0 |
| Guarantee | 5 years manufacturer guarantee, 3 years full guarantee |

LIGHT CHARACTERISTICS

| | | | |
|---|---|----------|----------|
| Color | Warm white + Neutral white + Cold white | | |
| Color Temperature | Selectable via switch: 3000K + 4000 K + 5700K | | |
| | 3000 K | 4000 K | 5700 K |
| Rated Luminous Flux | 1800 lm | 1900 lm | 1850 lm |
| Efficacy | 100 lm/W | 106 lm/W | 103 lm/W |
| Color Rendering Index | 80 | | |
| Lumen Maintenance Factor (at end of lifetime) * | L70 B10 | | |
| Beam Angle | 120° | | |
| Unified Glare Rating ** | < 25 UGR | | |

* at an ambient temperature of 25 °C

** X = 4H, Y = 8H, reflectance 70/50/20

ELECTRICAL CHARACTERISTICS

| | | |
|---|---------------------------------|----------------------------|
| Rated Wattage | 18.0 W | |
| Stand-by Consumption (motion sensor) | < 2.0 W | |
| Operating Frequency | 50/60 Hz | |
| Supply Voltage | 220-240 V AC | |
| Power Factor | ≥ 0.9 | |
| Input Current (calculated value) | 783 mA | |
| Inrush Current (typ. I _{peak} /μs) | 9.8 A / 100 μs (without sensor) | 40 A / 22 μs (with sensor) |
| THD | < 20 % | |
| Flicker Percent (< 165 Hz) | < 5 % | |

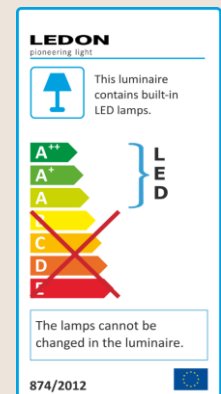
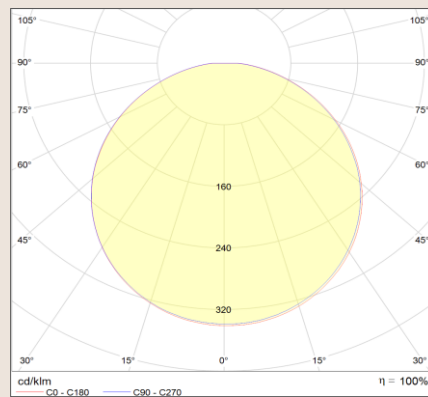
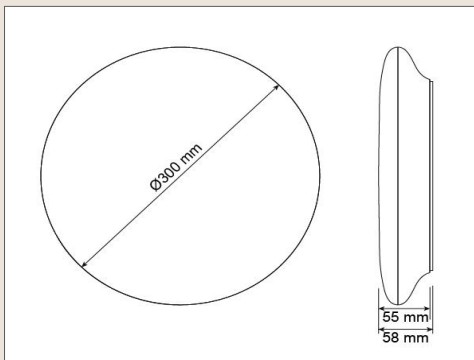
| | | |
|----------------------|---------------------------|--|
| Option Motion Sensor | | |
| Detection Range | 140° | |
| Coverage Range | 5 - 7m | |
| Daylight Sensor | Light turns on at ≤ 50 lx | |
| Hold Time | 90 seconds | |

DIMENSIONS

| | |
|----------|----------|
| Diameter | Ø 300 mm |
| Height | 58 mm |
| Weight | 760 g |

GRAPHICS

| Version | Typ. I _{peak} /μs | Max. units per circuit breaker | | | |
|-------------|----------------------------|--------------------------------|------|------|------|
| | | Type | 10 A | 13 A | 16 A |
| | 9.8 A / 100 μs | B | 74 | 96 | 119 |
| | | C | 74 | 96 | 119 |
| with sensor | 40 A / 22 μs | B | 74 | 96 | 119 |
| | | C | 74 | 96 | 119 |



Data subject to change
Last updated on: 01.07.2019