

WL310 UGR<19 IP44

TAKTON



Benefits:

- This is a deep reflector design downlight with a wider shielding angle which can lower the glare and reach UGR<19. Adopt bridgelux brand COB light source, CRI>90 for a more real lighting effect, multiple beam angles for option. For structure, it adopts ADC12 aluminum housing to assure a better thermal management, dimmable driver shares great popularity by the excellent dimming effect.
- Deep reflector design with wider shielding angle to achieve UGR<19.
- ADC12 aluminum die-casting housing provides excellent thermal dissipation.
- IP44 in front part.
- CRI>90 for a more real lighting effect.
- External flicker free driver.
- Dimming ways: Triac dim, 0-10V, DALI.

FUNCTIONALITY

Initial LED luminaire efficacy:

Up to 108 Lm/W

Color Rendering Index (CRI):

> 90

Light source:

LED module with CITIZEN led chips

Initial Lightoutput:

950-2700lm depending on type

ELECTRICAL PARAMETERS

Driver efficiency nominal:

0.92 depends on type

Electrical isolation class IEC:

Class II

Input Frequency:

50-60 Hz

Power factor nominal:

0,95

Input voltage:

220 – 240 V

Power consumption:

10-25W Depending on type

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MECHANICAL PARAMETERS

Ingress protection:

IP44

Impact resistance:

IK05

Installation:

recessed. Outside diameter 110-240mm

Body material:

Die-cast aluminium

OVERTIME PERFORMANCE

Driver service life time @ 10% failures:

50 000 h

Initial system efficacy:

108 Lm/W

Luminous flux system tolerance:

+/- 5%

Median useful life of LED source:

L80B10, 50 000 Hours

Power consumption tolerance:

+/- 5%

ENVIROMENTAL CONDITIONS

Ambient temperature range:

0;+35 C

GENERAL INFORMATION

Flammability:

Not fire resistant

CE mark:

CE mark

ROHS mark:

ROHS mark

Application:

- Offices
- Hotels
- Retail