

Focus Recessed

Technical Datasheet

DOXIS
LIGHTING FACTORY



General	
Type	Recessed Downlight
Material	Aluminium
Lamp Type	COB LED
Adjustable	No (Fixed)
Dimmable	Yes
Cooling	Passive
Spring Type	Boobytrap Springs
Energy Class	A++
Photobiol. Safety	RG1
Class (luminaire)	class III
Class (driver)	class II

IP20

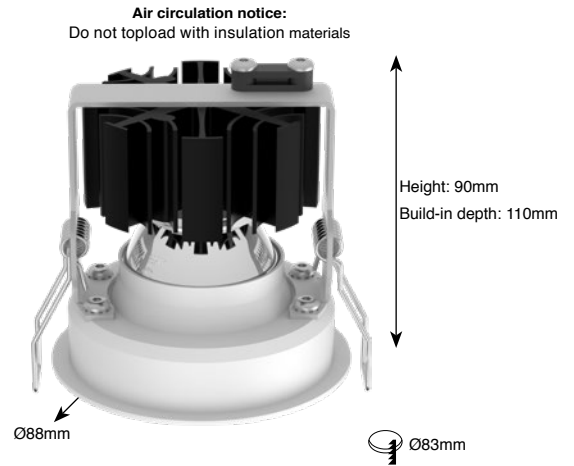


960°C

LED

Features:

High efficiency LED Downlight, equipped with a Citizen COB LED.
Aluminium body, compact design.
High quality components.
Various colors available.
Driver for external/remote installation included in article number.



Specifications

Art. nr.	Lightsources INCLUDED	CCT - CRI	Light output* LED / System	Efficacy*/** LED / System	Power** LED / System (current)	Power supply INCLUDED	SDCM
1416.AA.24.927.XX	Citizen CLU03J COB LED	2700K - Ra90	1517lm / 1289lm	134lm/W / 99lm/W	11.3W / 13.0W (350mA)	Non dimmable driver (490.24.16)	3
1416.AA.24.930.XX	Citizen CLU03J COB LED	3000K - Ra90	1577lm / 1340lm	140lm/W / 103lm/W	11.3W / 13.0W (350mA)	Non dimmable driver (490.24.16)	3
1416.AA.24.940.XX	Citizen CLU03J COB LED	4000K - Ra90	1601lm / 1361lm	142lm/W / 105lm/W	11.3W / 13.0W (350mA)	Non dimmable driver (490.24.16)	3
1416.AA.25.927.XX	Citizen CLU03J COB LED	2700K - Ra90	1517lm / 1289lm	134lm/W / 99lm/W	11.3W / 13.0W (350mA)	1-10V / Push dim. driver (490.25.20)	3
1416.AA.25.930.XX	Citizen CLU03J COB LED	3000K - Ra90	1577lm / 1340lm	140lm/W / 103lm/W	11.3W / 13.0W (350mA)	1-10V / Push dim. driver (490.25.20)	3
1416.AA.25.940.XX	Citizen CLU03J COB LED	4000K - Ra90	1601lm / 1361lm	142lm/W / 105lm/W	11.3W / 13.0W (350mA)	1-10V / Push dim. driver (490.25.20)	3
1416.AA.26.927.XX	Citizen CLU03J COB LED	2700K - Ra90	1517lm / 1289lm	134lm/W / 99lm/W	11.3W / 13.0W (350mA)	DALI dimmable driver (490.26.20)	3
1416.AA.26.930.XX	Citizen CLU03J COB LED	3000K - Ra90	1577lm / 1340lm	140lm/W / 103lm/W	11.3W / 13.0W (350mA)	DALI dimmable driver (490.26.20)	3
1416.AA.26.940.XX	Citizen CLU03J COB LED	4000K - Ra90	1601lm / 1361lm	142lm/W / 105lm/W	11.3W / 13.0W (350mA)	DALI dimmable driver (490.26.20)	3
1416.AA.27.927.XX	Citizen CLU03J COB LED	2700K - Ra90	1517lm / 1289lm	134lm/W / 99lm/W	11.3W / 13.0W (350mA)	Mains dimmable driver (493.27.20)	3
1416.AA.27.930.XX	Citizen CLU03J COB LED	3000K - Ra90	1577lm / 1340lm	140lm/W / 103lm/W	11.3W / 13.0W (350mA)	Mains dimmable driver (493.27.20)	3
1416.AA.27.940.XX	Citizen CLU03J COB LED	4000K - Ra90	1601lm / 1361lm	142lm/W / 105lm/W	11.3W / 13.0W (350mA)	Mains dimmable driver (493.27.20)	3

0000.AA.00.000.XX

* LED light output represent values of LED chip. System light output incl. light losses of luminaire (45° reflector used as reference)
** LED power values excl. driver. System power values incl. driver power consumption (driver efficiency of 87% used as reference)

Lumen Maintenance Citizen COB LED (Tc=85°C)

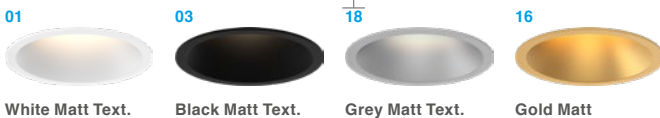
L70B50: >150 000 hrs	L70B10: >125 000 hrs	L70B10: >125 000 hrs
L80B50: >100 000 hrs	L80B20: >75 000 hrs	L80B10: >75 000 hrs
L90B50: >35 000 hrs	L90B20: >25 000 hrs	L90B10: >25 000 hrs

Forward voltages (Tc=85°C)

Citizen COB LED: 29.3V (min.) - 32.3V (typ.) - 35.1V (max.)

27 - 27° Reflector - 0000.27.00.000.00
43 - 43° Reflector - 0000.43.00.000.00

Available colors - 0000.00.00.000.XX
Other RAL colors on request



Drivers			
Name	Art. nr.	Dimensions	Description
Driver "Mono 350" non dim. 16W	490.24.16	147x44x30	Non dimmable LED Driver
Driver "Mono" 1-10V/Push dim.	490.25.20	108x52x22	1-10V & Push dimmable LED Driver
Driver "Mono" DALI dim.	490.26.20	108x52x22	DALI dimmable LED Driver
Driver "Mono" mains dim.	493.27.20	102x38x21	Dimmable LED Driver compatible with trailing-edge & leading-edge dimmers (phase cut-off)



DOXIS
LIGHTING FACTORY

Horizonlaan 30 | B-3600 Genk | Belgium
T+32 (0)89.62.15.11 | F+32 (0)89.62.15.12 | info@doxis.be
www.doxis.be

Datasheet subject to change
Update: 27/04/2020
Page 1-1