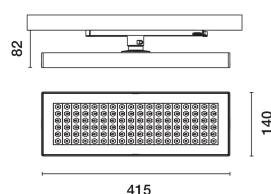


Last information update: April 2025

**Product configuration: RS83(BR)**

RS83: Luminaire L=411,60 - CASAMBI - Very Wide Flood (Down) optic - UGR&lt;19

**Product code**

RS83: Luminaire L=411,60 - CASAMBI - Very Wide Flood (Down) optic - UGR&lt;19

**Technical description**

Luminaire made of painted extruded aluminium, frame and caps made of injection-moulded thermoplastic. Very Wide Flood optic (80°) in a Space Opti-Diamond (PMMA) version with a rear cover available in a White (Transparent White) or Black (Transparent Black) version. 3500K CRI90 direct emission monochrome LED lamp (Mid-Power). Version with UGR < 19 controlled luminance - in compliance with the standard for use in environments with video monitors ( $L \leq 3000 \text{ cd/m}^2$ ). Luminaire complete with power supply with CASAMBI Bluetooth technology, frequency 2.4 GHz. The luminaire can be controlled with the Casambi system app and components that enable on-off, dimming and scene recall functions. The app is available on the Apple Store and Google Play Store. It can be integrated in the system's mesh network that allows multiple luminaires to be controlled. Integrated Beacon that can be activated via an app (iBeacon) that enables smart functions for third party applications and the Jiminy Push Notification app. Option of rotation around a vertical axis by 360° with a mechanical rotation lock.

**Installation**

For an electrified track

**Colour**

White/White/White Transparent (S1) | Black/White/White  
Transparent (S2) | White/Black/Black Transparent (S3) |  
Black/Black/Black Transparent (S4)

**Weight (Kg)**

1.33

**Mounting**

dali track|three circuit track

**Wiring**

Max Luminaire-Luminaire distance 30 m.

Max Smartphone-Luminaire distance 30 m.

The maximum distance is affected by physical obstacles, like walls, metal panels and the layout of the system.

**Notes**

Max Luminaire-Luminaire distance 8 m.

The maximum distance is affected by physical obstacles, like walls, metal panels and the layout of the system.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2652.0	MacAdam Step:	3
W system:	22.3	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
Im source:	3400	Lamp code:	LED
W source:	19	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	118.92	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0.0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	78	Inrush current:	5 A / 50 µs
Beam angle [°]:	72°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3500	Control:	Casambi