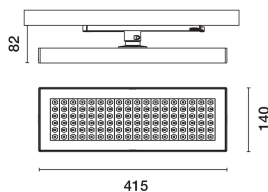


Last information update: November 2025

Product configuration: RS79.S1

RS79.S1: Luminaire L=411,60 - CASAMBI - Very Wide Flood (Down) optic - UGR<19 - 16.9W 2653.5lm - 3500K - White/White/White Transparent

**Product code**

RS79.S1: Luminaire L=411,60 - CASAMBI - Very Wide Flood (Down) optic - UGR<19 - 16.9W 2653.5lm - 3500K - White/White/White Transparent

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 CRI80 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)

Weight (Kg)

1.33

Mounting

dali track|three circuit track

Notes

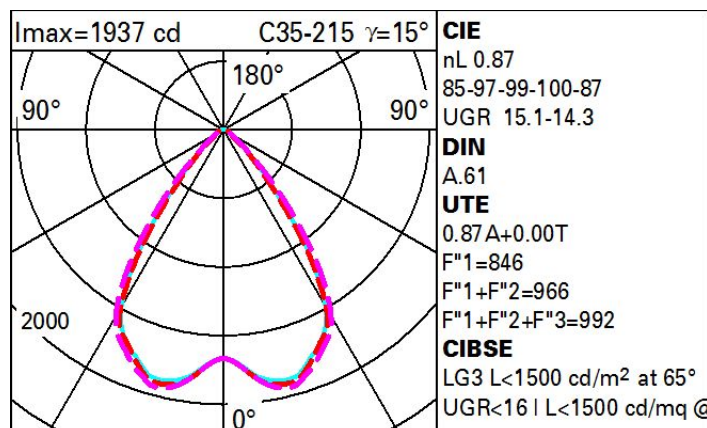
Max Luminaire-Luminaire distance 8 m.

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**

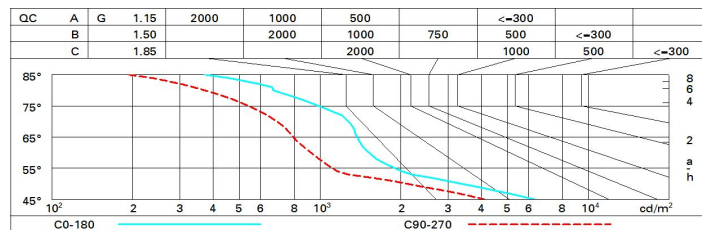
lm system:	2654	Colour temperature [K]:	3500
W system:	16.9	MacAdam Step:	3
lm source:	3050	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	15	Lamp code:	LED
Luminous efficiency (lm/W, real value):	157	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	87	Power factor:	See installation instructions
CRI (minimum):	80	Inrush current:	5 A / 50 µs
Rf (Colour Fidelity Index):	84	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
Rg (Gamut Index):	94	Overvoltage protection:	4kV Common mode & 2kV Differential mode

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	67	63	60	66	62	62	58	67
1.0	77	72	68	65	71	67	67	63	73
1.5	82	79	75	73	77	75	74	70	81
2.0	86	83	80	78	82	79	78	75	87
2.5	88	85	84	82	84	82	81	78	90
3.0	89	87	86	84	86	85	83	81	93
4.0	91	89	88	87	88	87	85	83	95
5.0	91	90	89	88	89	88	86	84	96

Luminance curve limit



UGR diagram

Corrected UGR values (at 3050 lm bare lamp luminous flux)											
Reflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	15.0	15.8	15.3	16.0	16.3	14.3	15.1	14.6	15.3	15.6
	3H	15.1	15.8	15.4	16.1	16.4	14.2	14.9	14.6	15.2	15.5
	4H	15.1	15.8	15.5	16.1	16.4	14.2	14.8	14.5	15.1	15.4
	6H	15.1	15.7	15.5	16.1	16.4	14.1	14.7	14.5	15.0	15.4
	8H	15.1	15.7	15.5	16.0	16.4	14.1	14.7	14.5	15.0	15.3
	12H	15.1	15.7	15.5	16.0	16.4	14.1	14.6	14.4	14.9	15.3
4H	2H	14.9	15.5	15.2	15.8	16.1	14.4	15.0	14.7	15.3	15.6
	3H	15.0	15.6	15.4	15.9	16.3	14.4	14.9	14.7	15.2	15.6
	4H	15.1	15.6	15.5	15.9	16.3	14.3	14.8	14.7	15.2	15.6
	6H	15.1	15.5	15.5	15.9	16.4	14.3	14.7	14.7	15.1	15.5
	8H	15.1	15.5	15.6	15.9	16.3	14.3	14.6	14.7	15.1	15.5
	12H	15.1	15.4	15.5	15.9	16.3	14.2	14.6	14.7	15.0	15.5
8H	4H	15.0	15.4	15.4	15.8	16.2	14.3	14.7	14.8	15.1	15.6
	6H	15.1	15.4	15.5	15.8	16.3	14.3	14.6	14.8	15.1	15.6
	8H	15.1	15.3	15.6	15.8	16.3	14.3	14.6	14.8	15.1	15.6
	12H	15.1	15.3	15.6	15.8	16.3	14.3	14.5	14.8	15.0	15.5
12H	4H	15.0	15.3	15.4	15.7	16.2	14.3	14.7	14.8	15.1	15.6
	6H	15.0	15.3	15.5	15.8	16.3	14.3	14.6	14.8	15.1	15.6
	8H	15.0	15.3	15.5	15.8	16.3	14.3	14.5	14.8	15.0	15.5
Variations with the observer position at spacing:											
S =	1.0H	2.8 / -4.0					3.0 / -4.4				
	1.5H	5.3 / -4.7					5.3 / -5.0				
	2.0H	7.2 / -5.1					7.2 / -5.2				