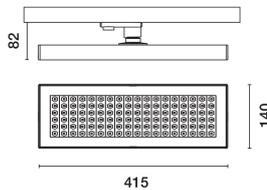


Last information update: April 2025

Product configuration: RS73.S4

RS73.S4: Luminaire L=411,60 - Integrated DALI - Very Wide Flood (Down) optic - UGR<19 - 18.6W 2305.5lm - 2700K - CRI 90 - Black/Black/Black Transparent

**Product code**

RS73.S4: Luminaire L=411,60 - Integrated DALI - Very Wide Flood (Down) optic - UGR<19 - 18.6W 2305.5lm - 2700K - CRI 90 - Black/Black/Black 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. Integrated DALI dimmable power supply with 2700K 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<3000 cd/m²). Option of rotation around a vertical axis by 360° with a mechanical rotation lock.

Installation

With a three-phase/DALI track or surface-mounted/recessed base

Colour

Black/Black/Black Transparent (S4)

Weight (Kg)

1.38

Mounting

internal wall corner|dali track|three circuit track|ceiling recessed|ceiling surface

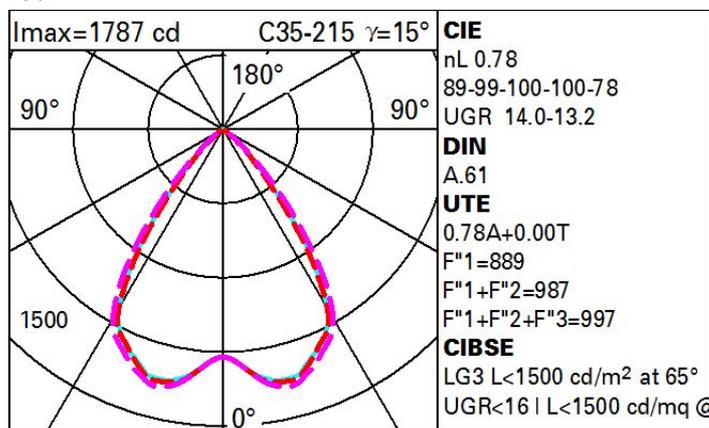
Wiring

Product complete with DALI dimmable components housed inside the luminaire.

Complies with EN60598-1 and pertinent regulations

**Technical data**

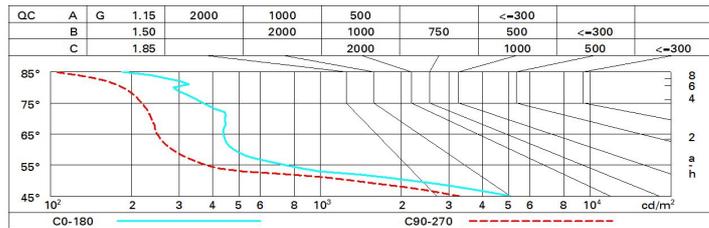
lm system:	2340	Lamp code:	LED
W system:	19	Number of lamps for optical assembly:	1
lm source:	3000	ZVEI Code:	LED
W source:	19	Number of optical assemblies:	1
Luminous efficiency (lm/W, real value):	123.2	Power factor:	See installation instructions
lm in emergency mode:	-	Inrush current:	10 A / 220 µs
Total light flux at or above an angle of 90° [Lm]:	0	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
Light Output Ratio (L.O.R.) [%]:	78	Minimum dimming %:	1
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	2700	Control:	DALI-2
MacAdam Step:	3		

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	66	62	59	56	61	58	58	55	70
1.0	70	66	63	61	65	62	62	59	76
1.5	75	72	69	67	71	69	68	65	84
2.0	78	75	74	72	74	73	72	69	89
2.5	79	78	76	75	76	75	74	72	92
3.0	81	79	78	77	78	77	76	74	94
4.0	82	81	80	79	79	79	77	75	96
5.0	82	82	81	80	80	79	78	76	97

Luminance curve limit



UGR diagram

Corrected UGR values (at 3000 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling/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	14.4	15.1	14.7	15.4	15.0	13.7	14.5	14.0	14.7	14.9
	3H	14.3	15.0	14.6	15.2	15.5	13.6	14.3	13.9	14.5	14.8
	4H	14.3	14.9	14.6	15.2	15.5	13.5	14.1	13.9	14.4	14.7
	6H	14.2	14.7	14.6	15.1	15.4	13.5	14.0	13.8	14.3	14.7
	8H	14.2	14.7	14.5	15.0	15.4	13.4	14.0	13.8	14.3	14.6
12H	14.1	14.6	14.5	15.0	15.3	13.4	13.9	13.8	14.2	14.6	
4H	2H	14.2	14.8	14.6	15.1	15.4	13.6	14.2	13.9	14.5	14.8
	3H	14.1	14.6	14.5	15.0	15.3	13.4	13.9	13.8	14.3	14.6
	4H	14.0	14.5	14.4	14.9	15.2	13.4	13.8	13.8	14.2	14.6
	6H	14.0	14.4	14.4	14.8	15.2	13.3	13.7	13.7	14.1	14.5
	8H	14.0	14.3	14.4	14.7	15.2	13.2	13.6	13.7	14.0	14.4
12H	13.9	14.2	14.4	14.7	15.1	13.2	13.5	13.6	13.9	14.4	
8H	4H	13.9	14.3	14.4	14.7	15.1	13.3	13.6	13.7	14.0	14.5
	6H	13.9	14.2	14.3	14.6	15.1	13.2	13.5	13.7	13.9	14.4
	8H	13.8	14.1	14.3	14.5	15.0	13.2	13.4	13.6	13.9	14.4
	12H	13.8	14.0	14.3	14.5	15.0	13.1	13.3	13.6	13.8	14.3
12H	4H	13.9	14.2	14.3	14.6	15.1	13.2	13.6	13.7	14.0	14.5
	6H	13.8	14.1	14.3	14.5	15.0	13.2	13.4	13.7	13.9	14.4
	8H	13.8	14.0	14.3	14.5	15.0	13.1	13.3	13.6	13.8	14.3
Variations with the observer position at spacing:											
S =	1.0H	3.6 / -9.1					3.7 / -9.7				
	1.5H	6.3 / -10.2					6.3 / -10.4				
	2.0H	8.3 / -10.7					8.3 / -10.6				