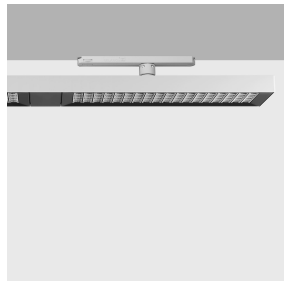


Last information update: April 2025

Product configuration: RT65.S3

RT65.S3: Luminaire L=880 - Integrated DALI - Very Wide Flood (Down) optic - UGR<19 - 30W 4741.5lm - 2700K - White/Black/Black Transparent

**Product code**

RT65.S3: Luminaire L=880 - Integrated DALI - Very Wide Flood (Down) optic - UGR<19 - 30W 4741.5lm - 2700K - White/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 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≤3000 cd/m²).

Installation

For an electrified track

Colour

White/Black/Black Transparent (S3)

Weight (Kg)

2.73

Mounting

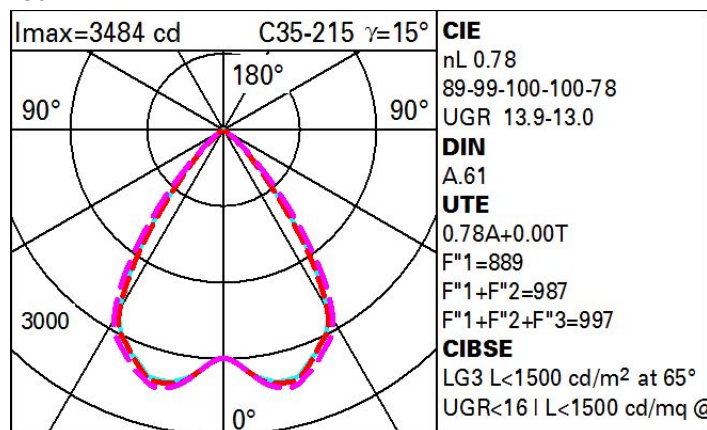
internal wall corner|dali track|three circuit track|ceiling recessed|ceiling surface

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	4563
W system:	30
lm source:	5850
W source:	30
Luminous efficiency (lm/W, real value):	152.1
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	78
CRI (minimum):	80
Colour temperature [K]:	2700
MacAdam Step:	3

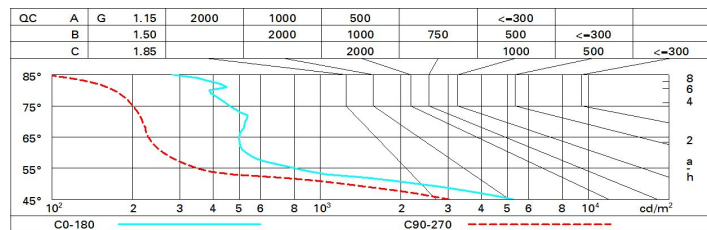
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Power factor:	See installation instructions
Inrush current:	10 A / 220 µs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
Minimum dimming %:	1
Overvoltage protection:	2kV Common mode & 1kV Differential mode
Control:	DALI-2

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 5850 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	14.4	15.1	14.7	15.4	15.6	13.5	14.3	13.8	14.5	14.7
	3H	14.3	14.9	14.6	15.2	15.5	13.4	14.1	13.7	14.3	14.6
	4H	14.2	14.8	14.6	15.1	15.4	13.3	13.9	13.7	14.2	14.5
	6H	14.2	14.7	14.5	15.1	15.4	13.3	13.8	13.6	14.1	14.5
	8H	14.2	14.7	14.5	15.0	15.4	13.2	13.8	13.6	14.1	14.4
	12H	14.1	14.6	14.5	15.0	15.3	13.2	13.7	13.6	14.0	14.4
4H	2H	14.2	14.8	14.5	15.1	15.4	13.4	14.0	13.7	14.3	14.6
	3H	14.1	14.6	14.5	14.9	15.3	13.2	13.7	13.6	14.1	14.4
	4H	14.0	14.5	14.4	14.8	15.2	13.2	13.6	13.6	14.0	14.4
	6H	14.0	14.4	14.4	14.8	15.2	13.1	13.5	13.5	13.9	14.3
	8H	13.9	14.3	14.4	14.7	15.2	13.0	13.4	13.5	13.8	14.2
	12H	13.9	14.2	14.4	14.7	15.1	13.0	13.3	13.5	13.7	14.2
8H	4H	13.9	14.3	14.3	14.7	15.1	13.1	13.4	13.5	13.8	14.3
	6H	13.9	14.1	14.3	14.6	15.1	13.0	13.3	13.5	13.7	14.2
	8H	13.8	14.1	14.3	14.5	15.0	13.0	13.2	13.4	13.7	14.2
	12H	13.8	14.0	14.3	14.5	15.0	12.9	13.1	13.4	13.6	14.1
12H	4H	13.9	14.2	14.3	14.6	15.1	13.0	13.4	13.5	13.8	14.3
	6H	13.8	14.1	14.3	14.5	15.0	13.0	13.2	13.5	13.7	14.2
	8H	13.8	14.0	14.3	14.5	15.0	12.9	13.1	13.4	13.6	14.1
Variations with the observer position at spacing:											
S =	1.0H	3.6 / -8.7					3.8 / -9.6				
	1.5H	6.3 / -9.7					6.2 / -10.3				
	2.0H	8.3 / -10.3					8.2 / -10.6				