

Product configuration: RT67.S4

Product code

Technical description

Installation

Colour
Black/Black/Black Transparent (S4)

Mounting

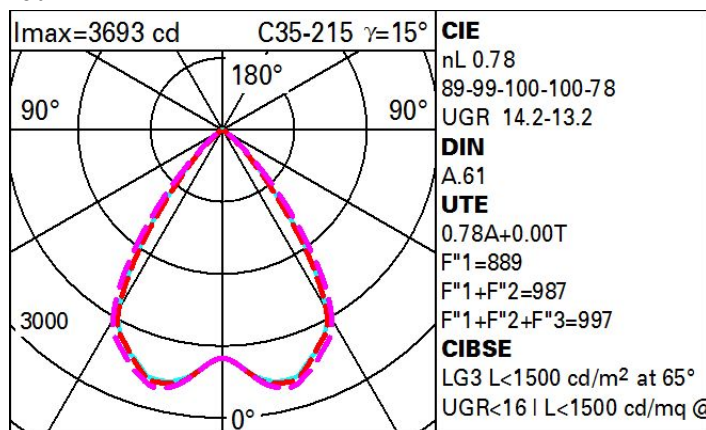
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	4836	Lamp code:	LED
W system:	30	Number of lamps for optical assembly:	1
Im source:	6200	ZVEI Code:	LED
W source:	30	Number of optical assemblies:	1
Luminous efficiency (Im/W, real value):	161.2	Power factor:	See installation instructions
Im 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):	80	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3500	Control:	DALI-2
MacAdam Step:	3		

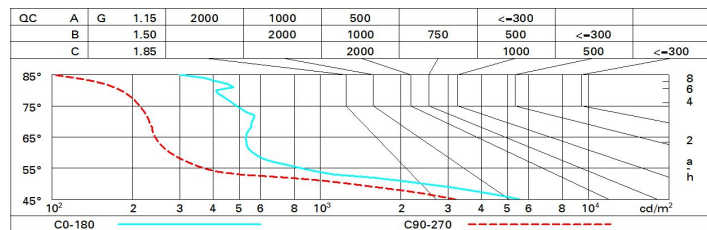
Polar



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 6200 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	14.6	15.3	14.9	15.6	15.8	13.7	14.5	14.0	14.7	14.9
	3H	14.5	15.1	14.8	15.4	15.7	13.6	14.3	13.9	14.5	14.8
	4H	14.4	15.0	14.8	15.3	15.6	13.5	14.1	13.9	14.4	14.7
	6H	14.4	14.9	14.7	15.3	15.6	13.5	14.0	13.8	14.3	14.7
	8H	14.4	14.9	14.7	15.2	15.6	13.4	14.0	13.8	14.3	14.6
	12H	14.3	14.8	14.7	15.2	15.5	13.4	13.9	13.8	14.2	14.6
4H	2H	14.4	15.0	14.7	15.3	15.6	13.6	14.2	13.9	14.5	14.8
	3H	14.3	14.8	14.7	15.1	15.5	13.4	14.0	13.8	14.3	14.6
	4H	14.2	14.7	14.6	15.0	15.4	13.4	13.8	13.8	14.2	14.6
	6H	14.2	14.6	14.6	15.0	15.4	13.3	13.7	13.7	14.1	14.5
	8H	14.2	14.5	14.6	14.9	15.4	13.2	13.6	13.7	14.0	14.5
	12H	14.1	14.4	14.6	14.9	15.3	13.2	13.5	13.7	13.9	14.4
8H	4H	14.1	14.5	14.5	14.9	15.3	13.3	13.6	13.7	14.1	14.5
	6H	14.1	14.3	14.5	14.8	15.3	13.2	13.5	13.7	13.9	14.4
	8H	14.0	14.3	14.5	14.7	15.2	13.2	13.4	13.6	13.9	14.4
	12H	14.0	14.2	14.5	14.7	15.2	13.1	13.3	13.6	13.8	14.3
12H	4H	14.1	14.4	14.5	14.8	15.3	13.2	13.6	13.7	14.0	14.5
	6H	14.0	14.3	14.5	14.7	15.2	13.2	13.4	13.7	13.9	14.4
	8H	14.0	14.2	14.5	14.7	15.2	13.1	13.3	13.6	13.8	14.3
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				