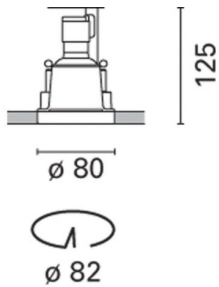


Last information update: June 2023

**Product configuration: M943**

M943: medium body, Minimal installation 6 LED neutral white medium

**Product code**M943: medium body, Minimal installation 6 LED neutral white medium **Attention! Code no longer in production****Technical description**

Fixed round recessed luminaire designed to use a 6X1,5W LED lamp in neutral white (4200°K) with medium optic. Flush-mounting recessed item without rim consists of a die-cast aluminium ring for fixing the recessed luminaire to false ceilings made of plasterboard 12.5 mm thick. The upper part is a heat sink which helps to carry away the heat given off by the lamp. LED optics with a single lens made of thermoplastic material. Lamp set back 40 mm for greater visual comfort.

**Installation**

Installation flush with the ceiling is for false ceilings 12.5 mm thick

**Colour**

White (01) | Grey (15)

**Mounting**

wall recessed|ceiling recessed

**Wiring**

product complete with electronic components

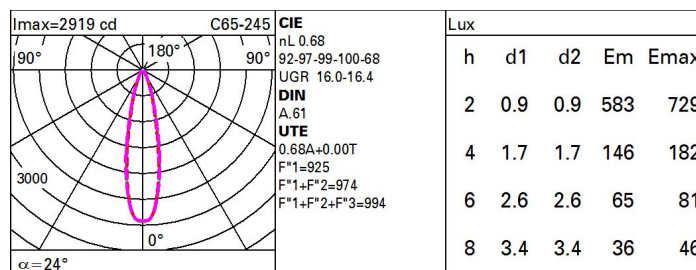
Complies with EN60598-1 and pertinent regulations



IP23

**Technical data**

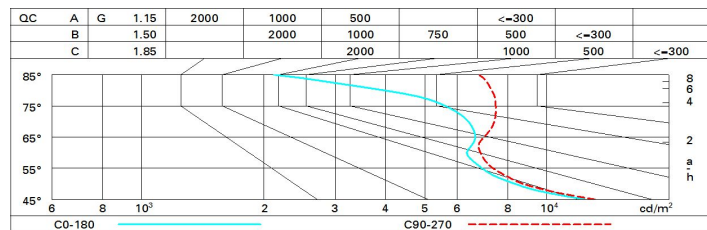
lm system:	748	CRI (minimum):	80
W system:	10	Colour temperature [K]:	4000
lm source:	1100	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	8.7	Ballast losses [W]:	1.3
Luminous efficiency (lm/W, real value):	74.8	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	68	Number of optical assemblies:	1
Beam angle [°]:	24°		

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	59	55	53	51	55	52	52	50	73
1.0	62	59	56	54	58	56	55	53	78
1.5	66	63	61	59	62	61	60	58	85
2.0	68	66	65	63	65	64	63	61	90
2.5	70	68	67	66	67	66	65	63	93
3.0	71	69	68	68	68	67	67	65	95
4.0	72	71	70	69	69	69	68	66	97
5.0	72	71	71	70	70	70	69	67	98

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1100 lm bare lamp luminous flux)											
Riflect.: ceil/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	14.1	15.9	14.4	16.2	16.5	14.1	15.9	14.4	16.2	16.5
	3H	14.9	16.4	15.3	16.7	17.0	14.3	15.7	14.7	16.0	16.4
	4H	15.3	16.5	15.7	16.9	17.2	14.4	15.6	14.8	15.9	16.3
	6H	15.5	16.6	15.9	16.9	17.3	14.4	15.5	14.8	15.8	16.2
	8H	15.6	16.6	16.0	16.9	17.3	14.4	15.4	14.8	15.8	16.2
	12H	15.5	16.6	15.9	16.9	17.3	14.4	15.4	14.8	15.8	16.1
4H	2H	14.4	15.6	14.8	15.9	16.3	15.8	17.0	16.1	17.3	17.7
	3H	15.5	16.5	15.9	16.9	17.3	16.3	17.3	16.7	17.7	18.0
	4H	16.0	17.0	16.4	17.4	17.8	16.5	17.5	16.9	17.9	18.3
	6H	16.1	17.6	16.5	18.0	18.5	16.5	18.0	16.9	18.4	18.9
	8H	16.0	17.7	16.5	18.2	18.6	16.4	18.1	16.9	18.6	19.1
	12H	16.0	17.7	16.5	18.2	18.7	16.4	18.1	16.9	18.6	19.1
8H	4H	15.9	17.6	16.4	18.1	18.6	17.1	18.8	17.6	19.3	19.8
	6H	16.3	17.9	16.8	18.4	18.9	17.5	19.1	18.0	19.6	20.1
	8H	16.4	17.9	17.0	18.4	18.9	17.6	19.0	18.1	19.5	20.1
	12H	16.6	17.6	17.2	18.1	18.6	17.8	18.8	18.4	19.3	19.9
12H	4H	15.9	17.7	16.4	18.1	18.7	17.3	19.0	17.8	19.5	20.0
	6H	16.4	17.9	16.9	18.3	18.9	17.7	19.1	18.2	19.6	20.2
	8H	16.7	17.7	17.2	18.2	18.7	18.1	19.0	18.6	19.5	20.1
Variations with the observer position at spacing:											
S =	1.0H	0.9 / -0.7					0.6 / -0.4				
	1.5H	2.1 / -1.0					1.5 / -0.7				
	2.0H	3.3 / -1.1					2.4 / -0.7				