

**Product configuration: MM81.01**

Product code

### Technical description

## Installation

**Colour**  
White (01)

Weight (Kg)  
0.86

## Mounting

mounting  
wall recessed/ceiling recessed

## Wiring

### Wiring

on control gear box with quick-coupling connections

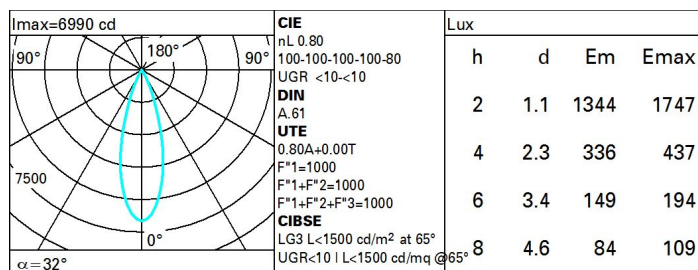
Complies with EN60598-1 and pertinent regulations



## Technical data

Im system:	2037	CRI (typical):	97
W system:	35	Colour temperature [K]:	2700
Im source:	2550	MacAdam Step:	3
W source:	31	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	58.2	Lamp code:	LED
Im 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.) [%]:	80	Number of optical assemblies:	1
Beam angle [°]:	31°	Control:	DALI-2
CRI (minimum):	95		

## Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	69	66	64	68	66	65	63	78
1.0	75	72	70	68	71	69	69	66	83
1.5	79	77	75	73	76	74	73	71	89
2.0	81	80	78	77	79	77	76	74	93
2.5	83	82	81	80	80	79	79	77	96
3.0	84	83	82	81	82	81	80	78	98
4.0	85	84	84	83	83	82	81	79	99
5.0	85	85	85	84	84	83	82	80	100

# UGR diagram

Corrected UGR values (at 2550 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											
x	y										
2H	2H	-3.5	-3.0	-3.2	-2.7	-2.5	-3.5	-3.0	-3.2	-2.7	-2.5
	3H	-3.6	-3.1	-3.3	-2.9	-2.6	-3.6	-3.1	-3.3	-2.9	-2.6
	4H	-3.7	-3.2	-3.3	-2.9	-2.6	-3.7	-3.2	-3.3	-2.9	-2.6
	6H	-3.7	-3.3	-3.4	-3.0	-2.7	-3.7	-3.3	-3.4	-3.0	-2.7
	8H	-3.8	-3.4	-3.4	-3.1	-2.7	-3.8	-3.4	-3.4	-3.1	-2.7
	12H	-3.8	-3.4	-3.4	-3.1	-2.8	-3.8	-3.4	-3.4	-3.1	-2.8
4H	2H	-3.7	-3.2	-3.3	-2.9	-2.6	-3.7	-3.2	-3.3	-2.9	-2.6
	3H	-3.8	-3.4	-3.4	-3.1	-2.8	-3.8	-3.4	-3.4	-3.1	-2.8
	4H	-3.9	-3.6	-3.5	-3.2	-2.8	-3.9	-3.6	-3.5	-3.2	-2.8
	6H	-4.0	-3.7	-3.6	-3.3	-2.9	-4.0	-3.7	-3.6	-3.3	-2.9
	8H	-4.0	-3.8	-3.6	-3.4	-2.9	-4.0	-3.8	-3.6	-3.4	-2.9
	12H	-4.1	-3.9	-3.6	-3.4	-3.0	-4.1	-3.9	-3.6	-3.4	-3.0
8H	4H	-4.0	-3.8	-3.6	-3.4	-2.9	-4.0	-3.8	-3.6	-3.4	-2.9
	6H	-4.1	-3.9	-3.7	-3.5	-3.0	-4.1	-3.9	-3.7	-3.5	-3.0
	8H	-4.2	-4.0	-3.7	-3.5	-3.0	-4.2	-4.0	-3.7	-3.5	-3.0
	12H	-4.2	-4.1	-3.7	-3.6	-3.1	-4.2	-4.1	-3.7	-3.6	-3.1
12H	4H	-4.1	-3.9	-3.6	-3.4	-3.0	-4.1	-3.9	-3.6	-3.4	-3.0
	6H	-4.2	-4.0	-3.7	-3.5	-3.0	-4.2	-4.0	-3.7	-3.5	-3.0
	8H	-4.2	-4.1	-3.7	-3.6	-3.1	-4.2	-4.1	-3.7	-3.6	-3.1
Variations with the observer position at spacing:											
S =		1.0H	0.8 / -18.5				0.8 / -18.5				
		1.5H	9.6 / -18.7				9.6 / -18.7				
		2.0H	11.6 / -23.0				11.6 / -23.0				