Design iGuzzini

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Ceiling-mounted luminaire - neutral LED - Controlled luminance UGR < 19 - DALI dimmable control gear

### Product code

MR75

#### Technical description

LED lamp, ceiling-mounted luminaire; integrated DALI dimmable control gear. Die-cast aluminium plate for surface mounting with diffuser element; technical, shaped aluminium sheet brackets for components and optics; comfort reflector vacuum-metallised with aluminium vapours and finished with a protective anti-scratch layer - controlled luminance optic; safety glass cover over LED lamp; lathe-shaped aluminium cylindrical body; lower ring in high resistance polycarbonate.

#### Installation

Plate fixed to ceiling using screws and screw anchors (not included); bayonet assembly systems ensuring simple installation and maintenance; snap-on spring fastening for reflector. Wall or pendant application option available thanks to special accessory kits with a separate code.



240

Dimension (mm) Ø240x273

Colour White (01) | Grey (15)

### Weight (Kg)

3.1

#### Mounting

wall surface|ceiling surface|ceiling pendant

#### Wiring

Control gear integrated in luminaire; mains and optic unit connections made with quick coupling terminal blocks. Touch-dim pushbutton dimming option (see instruction sheet)

#### Notes

Kit for wall-mounting: code no. 9443 - kit for steel cable pendant system L 1500: code no. 9441

Complies with EN60598-1 and pertinent regulations

















## Product configuration: MR75

## **Product characteristics**

Total lighting output [Lm]: 1679.2 Total power [W]: 15

Luminous efficacy [Lm/W]: 111.9 Life Time: 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0

Emergency luminous flux [Lm]: / Voltage [V]: -

Number of optical assemblies: 1

## Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 84 Lamp code: LED

ZVEI Code: LED Nominal power [W]: 13 Nominal luminous [Lm]: 2000 Lamp maximum intensity [cd]: /

Beam angle [°]: /

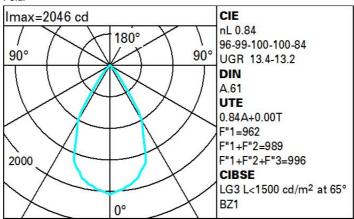
Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 2 Colour temperature [K]: 4000 CRI: 80

Wavelength [Nm]: / MacAdam Step: 3

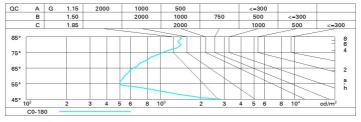
## Polar



## Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	74	70	67	65	69	67	66	63	76
1.0	78	74	71	69	73	71	70	67	80
1.5	82	79	77	75	78	76	75	73	87
2.0	85	83	81	80	82	80	79	77	91
2.5	87	85	84	82	84	82	82	79	94
3.0	88	86	85	85	85	84	83	81	96
4.0	89	88	87	86	86	86	85	82	98
5.0	89	89	88	88	87	87	85	83	99

# Luminance curve limit



# UGR diagram

	0.70	0.70	0.50	923								
		0		0.50	0.30	0.70	0.70	0.50	0.50	0.30		
		0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30		
	0.20											
Room dim			viewed		viewed							
х у		crosswise						endwise				
2H	13.4	14.1	13.7	14.3	14.6	13.4	14.1	13.7	14.3	14.6		
ЗН	13.4	14.0	13.7	14.2	14.5	13.3	13.9	13.6	14.2	14.5		
4H	13.4	13.9	13.7	14.2	14.5	13.3	13.8	13.6	14.1	14.4		
бН	13.4	13.9	13.8	14.2	14.6	13.2	13.7	13.5	14.0	14.3		
HS	13.5	13.9	13.8	14.3	14.6	13.1	13.6	13.5	14.0	14.3		
2H	13.5	13.9	13.8	14.3	14.6	13.1	13.6	13.5	13.9	14.3		
2H	13.3	13.8	13.6	14.1	14.4	13.4	13.9	13.7	14.2	14.5		
ЗН	13.2	13.7	13.6	14.0	14.4	13.3	13.7	13.6	14.1	14.4		
4H	13.2	13.6	13.6	14.0	14.4	13.2	13.6	13.6	14.0	14.4		
бН	13.4	13.7	13.8	14.1	14.6	13.2	13.6	13.6	14.0	14.4		
HS	13.4	13.8	13.9	14.2	14.6	13.2	13.5	13.6	13.9	14.4		
2H	13.5	13.8	14.0	14.2	14.7	13.2	13.5	13.6	13.9	14.3		
4H	13.2	13.5	13.6	13.9	14.4	13.4	13.8	13.9	14.2	14.6		
бН	13.4	13.7	13.9	14.1	14.6	13.5	13.8	14.0	14.2	14.7		
HS	13.5	13.8	14.0	14.2	14.7	13.5	13.8	14.0	14.2	14.7		
2H	13.7	13.9	14.2	14.3	14.9	13.6	13.8	14.1	14.3	14.8		
4H	13.2	13.5	13.6	13.9	14.3	13.5	13.8	14.0	14.2	14.7		
бН	13.4	13.7	13.9	14.1	14.6	13.6	13.8	14.1	14.3	14.8		
8H	13.6	13.8	14.1	14.3	14.8	13.7	13.9	14.2	14.3	14.9		
	2H 3H 4H 6H 8H 22H 2H 3H 4H 6H 8H 22H 4H 6H 8H 12H 4H 6H 8H 12H	3H 13.4 4H 13.4 6H 13.4 8H 13.5 2H 13.5 2H 13.3 3H 13.2 4H 13.2 6H 13.4 13.4 13.4 13.4 13.5 4H 13.5 4H 13.5 4H 13.5 4H 13.5 4H 13.5 4H 13.5 4H 13.5 4H 13.5 4H 13.5 4H 13.6 6H 13.4 8H 13.5 13.4 8H 13.5 13.4 8H 13.5 13.4 8H 13.5 13.4 8H 13.5 13.4 8H 13.5 13.4 13.5 4H 13.5 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.7 4H 13.5 13.7	3H 13.4 14.0 4H 13.4 13.9 6H 13.5 13.9 2H 13.5 13.9 2H 13.5 13.9 2H 13.2 13.7 4H 13.2 13.6 6H 13.4 13.7 8H 13.5 13.8 4H 13.2 13.5 6H 13.4 13.7 8H 13.5 13.8 4H 13.2 13.5 6H 13.4 13.7 8H 13.5 13.8 4H 13.2 13.5 6H 13.4 13.7 6H 13.4 13.7 6H 13.4 13.7	3H 13.4 14.0 13.7 4H 13.4 13.9 13.7 6H 13.4 13.9 13.8 8H 13.5 13.9 13.8 2H 13.5 13.9 13.8 2H 13.3 13.8 13.6 3H 13.2 13.7 13.6 6H 13.4 13.7 13.8 8H 13.4 13.8 13.9 12H 13.5 13.8 14.0 4H 13.2 13.5 13.6 6H 13.4 13.7 13.9 13.6 13.7 13.9 14.0 13.7 13.9 14.0 13.7 13.9 14.0 13.7 13.9 14.0 13.7 13.9	3H 13.4 14.0 13.7 14.2 4H 13.4 13.9 13.7 14.2 6H 13.5 13.9 13.8 14.3 2H 13.5 13.9 13.8 14.3 2H 13.5 13.9 13.8 14.3 2H 13.3 13.8 13.6 14.1 3H 13.2 13.7 13.6 14.0 6H 13.4 13.7 13.8 14.1 8H 13.4 13.8 13.9 14.2 12H 13.5 13.8 14.0 14.2 4H 13.2 13.5 13.6 13.9 6H 13.4 13.7 13.9 14.1 8H 13.4 13.8 13.9 14.2 13.5 13.8 14.0 14.2 4H 13.2 13.5 13.6 13.9 6H 13.4 13.7 13.9 14.1 8H 13.5 13.8 14.0 14.2 14.1 13.5 13.8 14.0 14.2 15.1 13.5 13.6 13.9 16.1 13.4 13.7 13.9 14.1	3H         13.4         14.0         13.7         14.2         14.5           4H         13.4         13.9         13.7         14.2         14.5           6H         13.4         13.9         13.8         14.2         14.6           8H         13.5         13.9         13.8         14.3         14.6           2H         13.5         13.9         13.8         14.3         14.6           2H         13.3         13.8         13.6         14.1         14.4           3H         13.2         13.7         13.6         14.0         14.4           4H         13.2         13.6         13.6         14.1         14.6           6H         13.4         13.7         13.8         14.1         14.6           13.4         13.7         13.8         14.1         14.6           13.4         13.8         13.9         14.2         14.7           2H         13.5         13.8         14.0         14.2         14.7           4H         13.2         13.5         13.6         13.9         14.4           6H         13.4         13.7         13.9         14.1         14.6 <td>3H         13.4         14.0         13.7         14.2         14.5         13.3           4H         13.4         13.9         13.7         14.2         14.5         13.3           6H         13.4         13.9         13.8         14.2         14.6         13.2           8H         13.5         13.9         13.8         14.3         14.6         13.1           2H         13.5         13.9         13.8         14.3         14.6         13.1           2H         13.3         13.8         13.6         14.1         14.4         13.4           3H         13.2         13.7         13.6         14.0         14.4         13.3           4H         13.2         13.6         13.6         14.0         14.4         13.2           6H         13.4         13.7         13.8         14.1         14.6         13.2           13.4         13.7         13.8         14.1         14.6         13.2           2H         13.5         13.8         14.0         14.2         14.7         13.2           2H         13.2         13.5         13.6         13.9         14.4         13.4</td> <td>3H         13.4         14.0         13.7         14.2         14.5         13.3         13.9           4H         13.4         13.9         13.7         14.2         14.5         13.3         13.8           6H         13.4         13.9         13.8         14.2         14.6         13.2         13.7           8H         13.5         13.9         13.8         14.3         14.6         13.1         13.6           2H         13.5         13.9         13.8         14.3         14.6         13.1         13.6           2H         13.3         13.8         13.6         14.1         14.4         13.4         13.9           3H         13.2         13.7         13.6         14.0         14.4         13.3         13.7           4H         13.2         13.6         13.6         14.0         14.4         13.2         13.6           6H         13.4         13.7         13.8         14.1         14.4         13.2         13.6           8H         13.4         13.7         13.8         14.1         14.0         13.2         13.5           13.5         13.8         14.0         14.2         14.7&lt;</td> <td>3H         13.4         14.0         13.7         14.2         14.5         13.3         13.9         13.6           4H         13.4         13.9         13.7         14.2         14.5         13.3         13.8         13.6            6H         13.4         13.9         13.8         14.2         14.6         13.2         13.7         13.5           8H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5           2H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5           2H         13.3         13.8         13.6         14.1         14.4         13.4         13.9         13.7           3H         13.2         13.7         13.6         14.0         14.4         13.3         13.7         13.6           4H         13.2         13.6         13.6         14.0         14.4         13.2         13.6         13.6           6H         13.4         13.7         13.8         14.1         14.0         13.2         13.6         13.6           13.4         13.7         13.8         14.1         <td< td=""><td>3H         13.4         14.0         13.7         14.2         14.5         13.3         13.9         13.6         14.2           4H         13.4         13.9         13.7         14.2         14.5         13.3         13.8         13.0         14.1           6H         13.4         13.9         13.8         14.2         14.6         13.2         13.7         13.5         14.0           8H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5         14.0           2H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5         13.9           2H         13.3         13.8         13.6         14.1         14.4         13.4         13.9         13.7         14.2           3H         13.2         13.7         13.6         14.0         14.4         13.4         13.9         13.7         14.2           3H         13.2         13.6         14.0         14.4         13.2         13.6         13.6         14.1         14.4         13.2         13.6         13.6         14.1           4H         13.2         &lt;</td></td<></td>	3H         13.4         14.0         13.7         14.2         14.5         13.3           4H         13.4         13.9         13.7         14.2         14.5         13.3           6H         13.4         13.9         13.8         14.2         14.6         13.2           8H         13.5         13.9         13.8         14.3         14.6         13.1           2H         13.5         13.9         13.8         14.3         14.6         13.1           2H         13.3         13.8         13.6         14.1         14.4         13.4           3H         13.2         13.7         13.6         14.0         14.4         13.3           4H         13.2         13.6         13.6         14.0         14.4         13.2           6H         13.4         13.7         13.8         14.1         14.6         13.2           13.4         13.7         13.8         14.1         14.6         13.2           2H         13.5         13.8         14.0         14.2         14.7         13.2           2H         13.2         13.5         13.6         13.9         14.4         13.4	3H         13.4         14.0         13.7         14.2         14.5         13.3         13.9           4H         13.4         13.9         13.7         14.2         14.5         13.3         13.8           6H         13.4         13.9         13.8         14.2         14.6         13.2         13.7           8H         13.5         13.9         13.8         14.3         14.6         13.1         13.6           2H         13.5         13.9         13.8         14.3         14.6         13.1         13.6           2H         13.3         13.8         13.6         14.1         14.4         13.4         13.9           3H         13.2         13.7         13.6         14.0         14.4         13.3         13.7           4H         13.2         13.6         13.6         14.0         14.4         13.2         13.6           6H         13.4         13.7         13.8         14.1         14.4         13.2         13.6           8H         13.4         13.7         13.8         14.1         14.0         13.2         13.5           13.5         13.8         14.0         14.2         14.7<	3H         13.4         14.0         13.7         14.2         14.5         13.3         13.9         13.6           4H         13.4         13.9         13.7         14.2         14.5         13.3         13.8         13.6            6H         13.4         13.9         13.8         14.2         14.6         13.2         13.7         13.5           8H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5           2H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5           2H         13.3         13.8         13.6         14.1         14.4         13.4         13.9         13.7           3H         13.2         13.7         13.6         14.0         14.4         13.3         13.7         13.6           4H         13.2         13.6         13.6         14.0         14.4         13.2         13.6         13.6           6H         13.4         13.7         13.8         14.1         14.0         13.2         13.6         13.6           13.4         13.7         13.8         14.1 <td< td=""><td>3H         13.4         14.0         13.7         14.2         14.5         13.3         13.9         13.6         14.2           4H         13.4         13.9         13.7         14.2         14.5         13.3         13.8         13.0         14.1           6H         13.4         13.9         13.8         14.2         14.6         13.2         13.7         13.5         14.0           8H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5         14.0           2H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5         13.9           2H         13.3         13.8         13.6         14.1         14.4         13.4         13.9         13.7         14.2           3H         13.2         13.7         13.6         14.0         14.4         13.4         13.9         13.7         14.2           3H         13.2         13.6         14.0         14.4         13.2         13.6         13.6         14.1         14.4         13.2         13.6         13.6         14.1           4H         13.2         &lt;</td></td<>	3H         13.4         14.0         13.7         14.2         14.5         13.3         13.9         13.6         14.2           4H         13.4         13.9         13.7         14.2         14.5         13.3         13.8         13.0         14.1           6H         13.4         13.9         13.8         14.2         14.6         13.2         13.7         13.5         14.0           8H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5         14.0           2H         13.5         13.9         13.8         14.3         14.6         13.1         13.6         13.5         13.9           2H         13.3         13.8         13.6         14.1         14.4         13.4         13.9         13.7         14.2           3H         13.2         13.7         13.6         14.0         14.4         13.4         13.9         13.7         14.2           3H         13.2         13.6         14.0         14.4         13.2         13.6         13.6         14.1         14.4         13.2         13.6         13.6         14.1           4H         13.2         <		