

# MITA circle 160

recessed

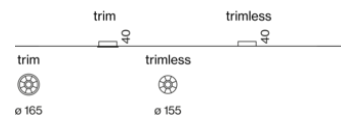
**EN** Ring shaped luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim (suitable for ceiling thickness of 2-25mm); or for trimless installation in plasterboard ceilings (suitable for ceiling thickness of 12.5/15/20/25mm); surface powder coated; incl. blind cover made of plastic in the cut-out; optional: SASSO 60 round, SASSO 60 round sensor, SASSO 60 round emergency or SPIO 60 for installation in the cut-out available as an accessory; high gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

**FR** Corps de luminaire en forme d'anneau en fonte d'aluminium injectée ; forme extrêmement élan-cée ; luminaire encastré avec bord continu (convient aux épaisseurs de plafond de 2-25 mm) ; ou pour encastrément sans bord en plafond en placoplâtre (convient aux épaisseurs de plafond de 12,5/15/20/25 mm) ; surface thermolaquée ; y compris le capot en plastique dans la découpe intérieure ; en option : SASSO 60 round, SASSO 60 round sensor, SASSO 60 round emergency ou SPIO 60 à insérer dans la découpe intérieure disponible comme accessoire ; réflecteur ultra-brillant avec optique à facettes ; LED économes en énergie à restitution de couleur élevée

## Quickinfo

3000 K, 4000 K, tunable white  
 2700 - 6500 K  
 CRI ≥ 80, CRI ≥ 90 / 3 SDCM  
 (initial MacAdam)  
 UGR ≤ 16, UGR ≤ 19  
 jusqu'à 187 lm/W  
 L90 / 50000 h  
 DALI-2, non DIM  
 Reflector  
 IP20

## Types



## Répartition de la lumière



DIN EN 12464-1  
 UGR ≤ 19



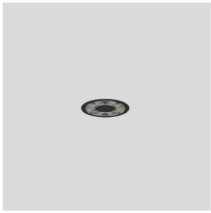
trimless  
 installation in  
 plasterboard



SASSO 60 inset  
 ready



tunable white  
 2700 – 6500 K

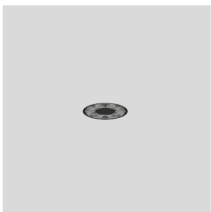
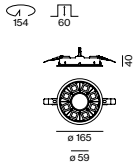


### MITA CIRCLE 160 trim



#### REFLECTOR

FIXTURE	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
6.1 W, 22 Vf, 375 mA	tunable w.	90	chrome	835 lm	138 lm/W	0 7 4 - 8 1 2 2 D 1 <input checked="" type="checkbox"/> R
			dark chr.	598 lm	99 lm/W	0 7 4 - 8 1 2 2 D 1 <input checked="" type="checkbox"/> B
6.4 W, 22 Vf, 300 mA	3000 K	80	chrome	1050 lm	164 lm/W	0 7 4 - 8 1 2 2 5 1 <input checked="" type="checkbox"/> R
			dark chr.	749 lm	118 lm/W	0 7 4 - 8 1 2 2 5 1 <input checked="" type="checkbox"/> B
		90	chrome	901 lm	141 lm/W	0 7 4 - 8 1 2 2 0 1 <input checked="" type="checkbox"/> R
	4000 K	80	dark chr.	645 lm	101 lm/W	0 7 4 - 8 1 2 2 0 1 <input checked="" type="checkbox"/> B
			90	chrome	1190 lm	187 lm/W
		dark chr.	853 lm	134 lm/W	0 7 4 - 8 1 2 2 6 1 <input checked="" type="checkbox"/> B	
90	chrome	973 lm	153 lm/W	0 7 4 - 8 1 2 2 1 1 <input checked="" type="checkbox"/> R		
dark chr.	696 lm	109 lm/W	0 7 4 - 8 1 2 2 1 1 <input checked="" type="checkbox"/> B			

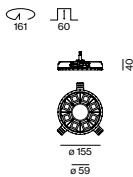


### MITA CIRCLE 160 trimless



#### REFLECTOR

FIXTURE	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
6.1 W, 22 Vf, 375 mA	tunable w.	90	chrome	835 lm	138 lm/W	0 7 4 - 8 2 2 2 D 1 <input checked="" type="checkbox"/> R
			dark chr.	598 lm	99 lm/W	0 7 4 - 8 2 2 2 D 1 <input checked="" type="checkbox"/> B
6.4 W, 22 Vf, 300 mA	3000 K	80	chrome	1050 lm	164 lm/W	0 7 4 - 8 2 2 2 5 1 <input checked="" type="checkbox"/> R
			dark chr.	749 lm	118 lm/W	0 7 4 - 8 2 2 2 5 1 <input checked="" type="checkbox"/> B
		90	chrome	901 lm	141 lm/W	0 7 4 - 8 2 2 2 0 1 <input checked="" type="checkbox"/> R
	4000 K	80	dark chr.	645 lm	101 lm/W	0 7 4 - 8 2 2 2 0 1 <input checked="" type="checkbox"/> B
			90	chrome	1190 lm	187 lm/W
		dark chr.	853 lm	134 lm/W	0 7 4 - 8 2 2 2 6 1 <input checked="" type="checkbox"/> B	
90	chrome	973 lm	153 lm/W	0 7 4 - 8 2 2 2 1 1 <input checked="" type="checkbox"/> R		
dark chr.	696 lm	109 lm/W	0 7 4 - 8 2 2 2 1 1 <input checked="" type="checkbox"/> B			



### Planning Information



#### Order options

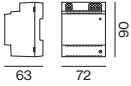
COLOUR	
traffic white RAL 9016	7 <input checked="" type="checkbox"/>
jet black RAL 9005	8 <input checked="" type="checkbox"/>

## Electrical accessories (required)

### POWER SUPPLY

TYPE	INPUT VOLTAGE	EFFICIENCY	L-W-H (mm)	ORDER CODE
300 mA   44 W   DALI-2   PC2	176-264 V AC	η 89 %	97-43-30	0 0 2 - 9 1 1 2 0
375 mA   45 W   DALI-2   PC1	198-264 V AC	η 88 %	129-79-30	0 0 2 - 9 1 1 2 1
300 mA   22 W   non DIM   PC2	198-264 V AC	η 89 %	147-44-22	0 0 2 - 9 1 1 2 2

## Electrical accessories (optional)



### DIN RAIL POWER SUPPLY BASIC 48 V

TYPE	INPUT VOLTAGE	EFFICIENCY	L-W-H (mm)	ORDER CODE
160 W   PC2	220-240 V AC	η 94 %	72-90-63	0 0 5 - 6 5 2 0 2 1 0

Lifetime >100.000h @ 120W, 45°C ambient temp., cascable max. 3 devices

### DIN RAIL LED DRIVER

TYPE	L-W-H (mm)	ORDER CODE
DALI-2 DT6 1-2 addresses	36-88-59	0 0 5 - 6 1 2 1 0 3 0

200 - 1050mA settable const. current | 2×42W | 48V DC | U OUT 10-40V

## Order options

COLOUR	
traffic white RAL 9016	<input checked="" type="checkbox"/> 7
jet black RAL 9005	8

# Allplan, Graz

Autriche

**Photographe**  
Tim Ertl



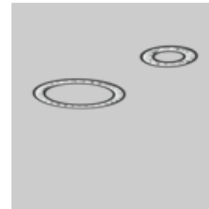
## Produits utilisés



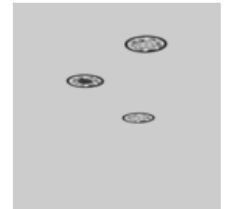
**MITA circle 450  
suspended**



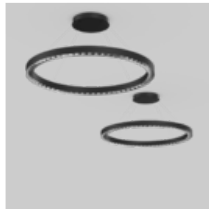
**BETO free standing**



**MITA circle 240 / 450  
recessed**



**MITA circle 160  
recessed**



**BETO circle  
suspended**

