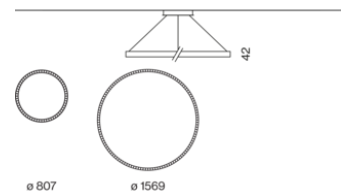


**Quickinfo**

3000 K, 4000 K, tunable white  
 2700 - 6500 K  
 CRI ≥ 80, CRI ≥ 90 / 3 SDCM  
 (initial MacAdam)  
 UGR ≤ 10, UGR ≤ 13, UGR ≤ 16,  
 UGR ≤ 19  
 hasta ↓ 14,600 lm / ↑ 13,900 lm  
 hasta 170 lm/W  
 L90 / 50000 h  
 DALI-2, DALI-2 D/I controlable por  
 separado  
 Reflector  
 IP20

**Types**



**Color**



**Reflector**



**Distribución luminosa**



**BETO circle**

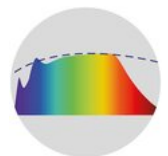
suspended

**EN** Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; extremely slim design (only 42 x 42mm); surface powder coated; pendant fitting with cable suspension; height adjustment without tools; incl. transparent feed; electronic operating unit installed in the canopy; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct or direct / indirect light distribution; indirect light component with integrated PCboards and high-quality lens system for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering

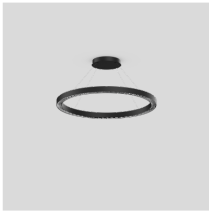
**ES** Luminaria con forma de anillo fabricada en aluminio con soldadura de alta calidad; forma extremadamente esbelta (solo 42 x 42 mm); superficie con recubrimiento de pintura en polvo; suspendido con cable; altura regulable sin herramientas; incluido cable de alimentación transparente; driver instalado en el baldaquino; perfil extruido para una mejor gestión del calor; reflector de alto brillo con óptica facetada; característica de emisión directa o directa / indirecta; componente de luz indirecta con pletinas propias y una elegante apariencia de lente para una claridad de techo máxima y homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática



DIN EN 12464-1  
 UGR ≤ 19



CRI ≥ 98  
 XPECTRUM  
 (optional)

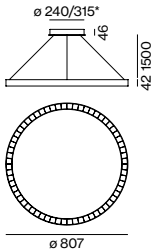


### BETO CIRCLE 800 suspended



#### DIRECT DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
45.0 W	3000 K	80	chrome	6410 lm	142 lm/W	0 7 4 - 7 4 0 3 5 3 <input checked="" type="checkbox"/> R
			dark chr.	4590 lm	102 lm/W	0 7 4 - 7 4 0 3 5 3 <input checked="" type="checkbox"/> B
	4000 K	90	chrome	5530 lm	123 lm/W	0 7 4 - 7 4 0 3 0 3 <input checked="" type="checkbox"/> R
			dark chr.	3960 lm	88 lm/W	0 7 4 - 7 4 0 3 0 3 <input checked="" type="checkbox"/> B
		80	chrome	7290 lm	162 lm/W	0 7 4 - 7 4 0 3 6 3 <input checked="" type="checkbox"/> R
			dark chr.	5220 lm	116 lm/W	0 7 4 - 7 4 0 3 6 3 <input checked="" type="checkbox"/> B
49.0 W	tunable w.	90	chrome	5970 lm	133 lm/W	0 7 4 - 7 4 0 3 1 3 <input checked="" type="checkbox"/> R
			dark chr.	4270 lm	95 lm/W	0 7 4 - 7 4 0 3 1 3 <input checked="" type="checkbox"/> B
			chrome	5870 lm	120 lm/W	0 7 4 - 7 4 0 3 D 3 <input checked="" type="checkbox"/> R
			dark chr.	4200 lm	86 lm/W	0 7 4 - 7 4 0 3 D 3 <input checked="" type="checkbox"/> B



\*tunable white version

#### DIRECT / INDIRECT POWER DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
87.0 W	3000 K	80	chrome	↓5490/↑7090 lm	145 lm/W	0 7 4 - 7 4 4 3 5 3 <input checked="" type="checkbox"/> R
			dark chr.	↓3930/↑7090 lm	127 lm/W	0 7 4 - 7 4 4 3 5 3 <input checked="" type="checkbox"/> B
	4000 K	90	chrome	↓4720/↑6100 lm	124 lm/W	0 7 4 - 7 4 4 3 0 3 <input checked="" type="checkbox"/> R
			dark chr.	↓3380/↑6100 lm	109 lm/W	0 7 4 - 7 4 4 3 0 3 <input checked="" type="checkbox"/> B
		80	chrome	↓6250/↑8060 lm	164 lm/W	0 7 4 - 7 4 4 3 6 3 <input checked="" type="checkbox"/> R
			dark chr.	↓4470/↑8060 lm	144 lm/W	0 7 4 - 7 4 4 3 6 3 <input checked="" type="checkbox"/> B
94.0 W	tunable w.	90	chrome	↓5100/↑6580 lm	134 lm/W	0 7 4 - 7 4 4 3 1 3 <input checked="" type="checkbox"/> R
			dark chr.	↓3650/↑6580 lm	118 lm/W	0 7 4 - 7 4 4 3 1 3 <input checked="" type="checkbox"/> B
			chrome	↓6340/↑5510 lm	126 lm/W	0 7 4 - 7 4 4 3 D 3 <input checked="" type="checkbox"/> R
			dark chr.	↓4540/↑5510 lm	107 lm/W	0 7 4 - 7 4 4 3 D 3 <input checked="" type="checkbox"/> B

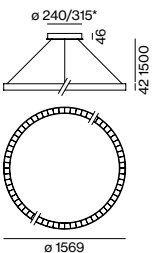


### BETO CIRCLE 1600 suspended



#### DIRECT DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
86.0 W	3000 K	80	chrome	12800 lm	149 lm/W	0 7 4 - 7 4 0 4 5 3 <input checked="" type="checkbox"/> R
			dark chr.	9170 lm	107 lm/W	0 7 4 - 7 4 0 4 5 3 <input checked="" type="checkbox"/> B
	4000 K	90	chrome	11100 lm	129 lm/W	0 7 4 - 7 4 0 4 0 3 <input checked="" type="checkbox"/> R
			dark chr.	7910 lm	92 lm/W	0 7 4 - 7 4 0 4 0 3 <input checked="" type="checkbox"/> B
		80	chrome	14600 lm	170 lm/W	0 7 4 - 7 4 0 4 6 3 <input checked="" type="checkbox"/> R
			dark chr.	10400 lm	121 lm/W	0 7 4 - 7 4 0 4 6 3 <input checked="" type="checkbox"/> B
94.0 W	tunable w.	90	chrome	11900 lm	138 lm/W	0 7 4 - 7 4 0 4 1 3 <input checked="" type="checkbox"/> R
			dark chr.	8550 lm	99 lm/W	0 7 4 - 7 4 0 4 1 3 <input checked="" type="checkbox"/> B
			chrome	11700 lm	124 lm/W	0 7 4 - 7 4 0 4 D 3 <input checked="" type="checkbox"/> R
			dark chr.	8400 lm	89 lm/W	0 7 4 - 7 4 0 4 D 3 <input checked="" type="checkbox"/> B



\*tunable white and direct/indirect power version

#### Order options

COLOUR		REFLECTOR	
pure white RAL 9010	<input checked="" type="checkbox"/> 7	dark chrome	<input checked="" type="checkbox"/> B
jet black RAL 9005	<input checked="" type="checkbox"/> 8	chrome	<input checked="" type="checkbox"/> R

**DIRECT / INDIRECT POWER DALI-2 D/I separately controllable**

SYSTEM	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
172.0 W	3000 K	80	↓12800/↑12200 lm	145 lm/W	0 7 4 - 7 4 4 4 5 3 <input checked="" type="checkbox"/> <input type="checkbox"/>
		90	↓11100/↑10500 lm	126 lm/W	0 7 4 - 7 4 4 4 0 3 <input checked="" type="checkbox"/> <input type="checkbox"/>
	4000 K	80	↓14600/↑13900 lm	166 lm/W	0 7 4 - 7 4 4 4 6 3 <input checked="" type="checkbox"/> <input type="checkbox"/>
		90	↓11900/↑11300 lm	135 lm/W	0 7 4 - 7 4 4 4 1 3 <input checked="" type="checkbox"/> <input type="checkbox"/>

**Order options**

COLOUR	<input checked="" type="checkbox"/>	REFLECTOR	<input type="checkbox"/>
pure white RAL 9010	7	dark chrome	B
jet black RAL 9005	8	chrome	R

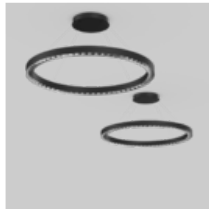
# Allplan, Graz

Austria

**Fotografía**  
Tim Ertl



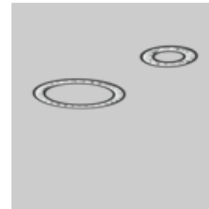
## Productos utilizados



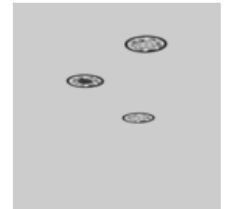
**BETO circle  
suspended**



**BETO free standing**



**MITA circle 240 / 450  
recessed**



**MITA circle 160  
recessed**



**MITA circle 450  
suspended**

