

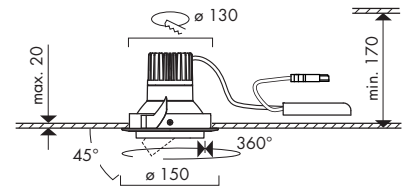
Recessed spotlights

CARDO CBL



ERC  IP20

- Lighting technology LED
- Gimbal mounted
- Pivoted on all sides
- With integral reflector SP, MFL, FL or WFL
- Supply unit included
- With safety glass
- Connection data: 220-240 V, 50/60 Hz
- Connection to power supply by Wieland plug GST18i3; wire length l = 0.5 m
- DALI and EASY-Lighting Control system is possible (Easy Lighting Control not for use in metal ceilings)
- Weight approx. 1.0 kg
- Colours: white/anthracite/silver



Photometric data	CRI Light colour	Lumen category	P _{system}	Efficiency	Reflector
	830	2000 lm	17 W	125 lm/W	SP MFL FL WFL
		3000 lm	29 W	107 lm/W	
	840 927 Brilliant (930) = Best Color/Best White	Photometric data on request			

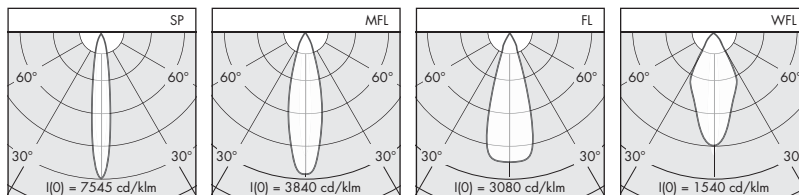
The photometric values are standard values and refer to the entire luminaire.

In the case of CRI ≥ 90 the efficiency is approx. 10-15 % lower.

Colour tolerance: 3SDCM (MacAdam)

Lumen maintenance: L80/B10 = 50.000 h, T_a 25 °C

Failure fraction: C0/B10 = 50.000 h, T_a 25 °C



h[m]	Beam angle	E[lx/klm]	Beam diameter [cm]
1.0	25	7545	25
2.0	50	1885	50
3.0	75	840	75
4.0	100	470	100
1.0	48	3840	48
2.0	96	960	96
3.0	144	425	144
4.0	192	240	192
1.0	58	3080	58
2.0	116	770	116
3.0	174	340	174
4.0	232	192	232
1.0	89	1540	89
2.0	178	385	178
3.0	267	170	267
4.0	356	95	356

Optional accessories

Interchangeable reflector

	Article number
SP	17 HB2 BXX.
MFL	17 HB2 CXX.
FL	17 HB2 DXX.
WFL	17 HB2 EXX.

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Optional accessories

	Article numbers
Safety glass	17 GL 9010
Mood filter Bordeaux	17 GL 9010-BD
Mood filter Gold	17 GL 9010-GD
Mood filter Rose	17 GL 9010-RS
Mood filter Sun	17 GL 9010-SN
Glare reduction cylindrical incl. safety glass	17 TU 9010-...
Glare reduction cylindrical incl. safety glass and honeycomb grid	17 TU 9110-...
Glare reduction cylindrical incl. Mood filter Bordeaux	17 TU 9010-BD-...
Glare reduction cylindrical incl. Mood filter Gold	17 TU 9010-GD-...
Glare reduction cylindrical incl. Mood filter Rose	17 TU 9010-RS-...
Glare reduction cylindrical incl. Mood filter Sun	17 TU 9010-SN-...
Glare reduction cylindrical incl. honeycomb grid and Mood filter Bordeaux	17 TU 9110-BD-...
Glare reduction cylindrical incl. honeycomb grid and Mood filter Gold	17 TU 9110-GD-...
Glare reduction cylindrical incl. honeycomb grid and Mood filter Rose	17 TU 9110-RS-...
Glare reduction cylindrical incl. honeycomb grid and Mood filter Sun	17 TU 9110-SN-...
Honeycomb grid incl. safety glass	17 WR 9110-...
Honeycomb grid incl. Mood filter Bordeaux	17 WR 9110-BD-...
Honeycomb grid incl. Mood filter Gold	17 WR 9110-GD-...
Honeycomb grid incl. Mood filter Rose	17 WR 9110-RS-...
Honeycomb grid incl. Mood filter Sun	17 WR 9110-SN-...