

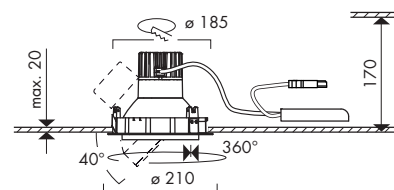
Recessed spotlights

CARDO CTL



- Lighting technology LED
- Pivoted on all sides
- With integral reflector SP, MFL, FL or WFL
- With integral safety glass
- Supply unit included
- 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. 1.3 kg
- Colours: white/anthracite/silver

ERC  IP20



Photometric data	CRI Light colour	Lumen category	P _{system}	Efficiency	Reflector
	830	3000 lm	26 W	119 lm/W	SP MFL FL WFL
		4000 lm	36 W	114 lm/W	
	840 927 Brilliant (930) = Best Color/Best White Meat	Photometric data on request			

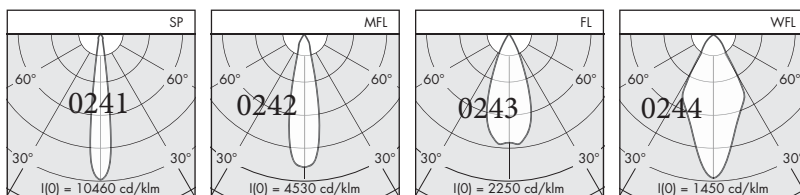
The photometric values are standard values and refer to the entire luminaire.

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

Colour tolerance: 3SDCM (MacAdam)

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

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



h[m]	∅[cm]	E[lx/klm]	I(0)
1.0	24	10460	10460
2.0	48	2615	2615
3.0	72	1160	1160
4.0	96	655	655

h[m]	∅[cm]	E[lx/klm]	I(0)
1.0	42	4530	4530
2.0	84	1130	1130
3.0	126	505	505
4.0	168	285	285

h[m]	∅[cm]	E[lx/klm]	I(0)
1.0	72	2250	2250
2.0	144	560	560
3.0	216	250	250
4.0	288	140	140

h[m]	∅[cm]	E[lx/klm]	I(0)
1.0	95	1450	1450
2.0	190	365	365
3.0	285	160	160
4.0	380	90	90