



Downlight Performer G2 HG

- High quality LED Downlight with upgraded efficacy up to 130 lm/W with CRI90 for all versions
- Integrated CCT switch for color selection (3000K-4000K)
- Available in small cut-out of 125mm
- Unique optical lens concept with high gloss (HG) reflector and low glare
- Tunable white Smart version available (2700-6500K)
- Direct replacement for compact fluorescent downlights
- IP44 on light emitting side
- Provided with protective foil in order to protect the optics against dust and dirt during the installation
- DALI2 driver compatible with 230V push dimming



Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	UGR	CCT (K)	Gross Weight (kg)
On-Off								
540001387100	LEDDownlightHG-P2 Rd125-8W-930/940	CFL 1x13W	8	880	110	≤ 19	3K/4K	0.29
540001387200	LEDDownlightHG-P2 Rd150-12W-930/940	CFL 1x18W	12	1440	120	≤ 19	3K/4K	0.38
540001387300	LEDDownlightHG-P2 Rd200-15W-930/940	CFL 1x26W	15	1950	130	≤ 19	3K/4K	0.83
540001387400	LEDDownlightHG-P2 Rd200-22W-930/940	CFL 2x26W	22	2860	130	≤ 19	3K/4K	0.83
540001387500	LEDDownlightHG-P2 Rd200-30W-930/940	CFL 2x32W	30	3900	130	≤ 22	3K/4K	0.83
540001387600	LEDDownlightHG-P2 Rd200-40W-930/940	HID 70W	40	5200	130	≤ 22	3K/4K	0.83
DALI2								
540001388100	LEDDownlightHG-P2 Rd125-8W-DALI-930/940	CFL 1x13W	8	880	110	≤ 19	3K/4K	0.29
540001388200	LEDDownlightHG-P2 Rd150-12W-DALI-930/940	CFL 1x18W	12	1440	120	≤ 19	3K/4K	0.38
540001388300	LEDDownlightHG-P2 Rd200-15W-DALI-930/940	CFL 1x26W	15	1950	130	≤ 19	3K/4K	0.83
540001388400	LEDDownlightHG-P2 Rd200-22W-DALI-930/940	CFL 2x26W	22	2860	130	≤ 19	3K/4K	0.83
540001388500	LEDDownlightHG-P2 Rd200-30W-DALI-930/940	CFL 2x32W	30	3900	130	≤ 22	3K/4K	0.83
Tunable White/DALI2								
540001389900	LEDDownlightHG-P2 Rd150-12W-DALI-TW	CFL 1x18W	12	1320	110	≤ 19	2.7K-6.5K	0.38
540001390100	LEDDownlightHG-P2 Rd200-24W-DALI-TW	CFL 2x26W	24	2640	110	≤ 19	2.7K-6.5K	0.83
Smart								
540001389000	LEDDownlightHG-P2 Rd125-8W-BLE2-930/940	CFL 1x13W	8	880	110	≤ 19	3K/4K	0.29
540001389100	LEDDownlightHG-P2 Rd150-12W-BLE2-930/940	CFL 1x18W	12	1440	120	≤ 19	3K/4K	0.38
540001389200	LEDDownlightHG-P2 Rd200-15W-BLE2-930/940	CFL 1x26W	15	1950	130	≤ 19	3K/4K	0.83
540001389300	LEDDownlightHG-P2 Rd200-22W-BLE2-930/940	CFL 2x26W	22	2860	130	≤ 19	3K/4K	0.83
540001389400	LEDDownlightHG-P2 Rd200-30W-BLE2-930/940	CFL 2x32W	30	3900	130	≤ 22	3K/4K	0.83

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	UGR	CCT (K)	Gross Weight (kg)
Tunable White/Smart								
540001390000	LEDDownlightHG-P2 Rd150-12W-BLE2-TW	CFL 1x18W	12	1320	110	≤ 19	2.7K-6.5K	0.38
540001390200	LEDDownlightHG-P2 Rd200-24W-BLE2-TW	CFL 2x26W	24	2640	110	≤ 19	2.7K-6.5K	0.83

Available on request with Wieland GST18 or WAGO WINSTA connector, or Euro/Schuko plug. DALI2 versions are compatible with central emergency lighting according to EN 50172.

Accessories

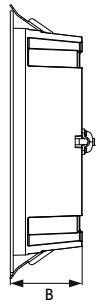
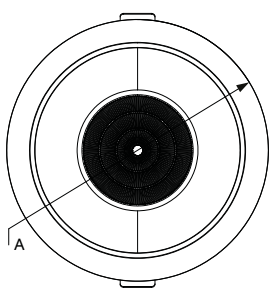
	140060646 LEDDownlight- Rc-P-HZ-Adapter-150-175		540098018200 LEDDownlight-P-Surfa- ce-Module-Rd125
	140060647 LEDDownlight- Rc-P-SI-E-Adapter-200-225		540098018300 LEDDownlight-P-Surfa- ce-Module-Rd150
542098000800 LEDPanelRC-SI U19 EM- kit 1h	140060648 LEDDownlight- Rc-P-SI-E-Adapter-200-250	542098030700 Junction-Box-WH	540098018400 LEDDownlight-P-Surfa- ce-Module-Rd200
542098000900 LEDPanelRC-SI U19 EM- kit 3h	140060650 LEDDownlightRc-HZ- dim-Adapter-125-150		

See appendix Adapter Rings Overview for adapter ring dimensional drawings.

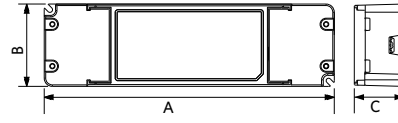
Technical Specifications		Electrical Supply	
Lifetime (L70)	100,000 h	Frequency	50 - 60 Hz
Lifetime (L80)	70,000 h	Nominal voltage	220 - 240 V
On-/Off-cycles	100,000	DC input voltage	See catalogue appendix Connection Specifications
Colour consistency (SDCM)	4		
Dimmability	On-Off / DALI2 / BLE2		
Beam angle	70°		
Finishing	White RAL9003		
RAL-Number	○ 9003		
Colour rendering index (CRI)	> 90		
Ingress protection front side (IP)	IP44		
Ingress protection recessed part (IP)	IP20		
Impact strength (IK)	IK02		
Protection class	II		
Risk group (EN 62471)	RG0 / RG1 (22W / 30W / 40W)		
With control gear	Yes		
Glow wire test	650°C		
Driver failure rate (at 5,000 hrs)	< 1%		
Power factor	> 0.9		
		Mechanical Properties	
		Housing material	Aluminium
		Optical material	Polycarbonate
		Ambient Conditions	
		Operating temperature	-10 - 45°C
		Application temperature	25°C
		Storage environment	-25 - 50°C



Dimensional Drawing (mm)

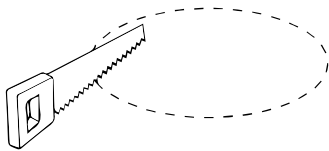


	A	B
Rd125	138	44
Rd150	173	51
Rd200	226	62

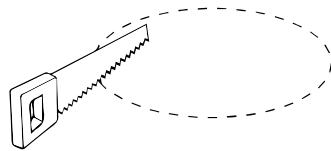


	A	B	C
On/Off	160	56	24
Dim	180	51	31

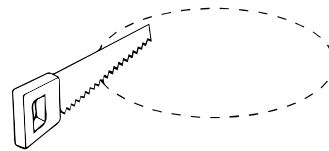
Installation Opening Drawing (mm)



Ø125



Ø150



Ø200