



Downlight EcoMax HG

- High quality LED Downlight with high efficacy up to 120 lm/W
- Integrated CCT switch for color selection (3000K-4000K)
- Unique optical lens concept with high gloss (HG) reflector and low glare
- IP54 on light emitting side



Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen Efficacy (lm/W)	UGR CCT (K)	Net Weight (kg/pc)
DALI2						
540001410100	LEDDownlightHG-E Rd200-20W-DALI-830/840	20	2400	120	19 3K/4K	0.85

Accessories



542098000800
LEDPanelRC-SI U19 EM-kit
1h

Packaging information

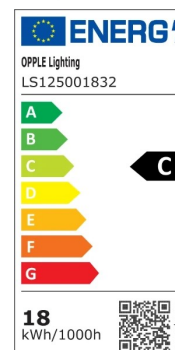
Item			Box			
Item Code	Item Description	EU HS Code	Dimensions (mm) (LxWxH)	Gross Weight (kg/pc)	EAN	pc/box
540001410100	LEDDownlightHG-E Rd200-20W-DALI-830/840	94051190	236x236x126	0.95	6941491790527	1
140060647	LEDDownlightRc-P-SI-E-Adapter-200-225	94059900	250x250x20	0.23	6956321894139	1
140060648	LEDDownlightRc-P-SI-E-Adapter-200-250	94059900	275x275x20	0.20	6956321894146	1
542098000800	LEDPanelRC-SI U19 EM-kit 1h	85044083	490x390x150	0.98	6941497702340	1
542098000900	LEDPanelRC-SI U19 EM-kit 3h	85044083	490x390x150	1.08	6941497702333	1
540098018400	LEDDownlight-P-Surface-Module-Rd200	94051190	280x280x200	2.00	6941491749556	1

Technical Specifications	
Lifetime (L70)	70,000 h
Lifetime (L80)	50,000 h
On-/Off-cycles	100,000
Colour consistency (SDCM)	4
Dimmability	DALI2
Beam angle	70 °
Finishing	White RAL9003
RAL-Number	9003
Colour rendering index (CRI)	> 80
Ingress protection front side (IP)	IP54
Ingress protection recessed part (IP)	IP20
Impact strength (IK)	IK03
Protection class	II
Risk group (EN 62471)	RG1
With control gear	True
Glow wire test	650 °C
Driver failure rate (at 5,000 hrs)	≤ 1 %
Power factor	≥ 0.9

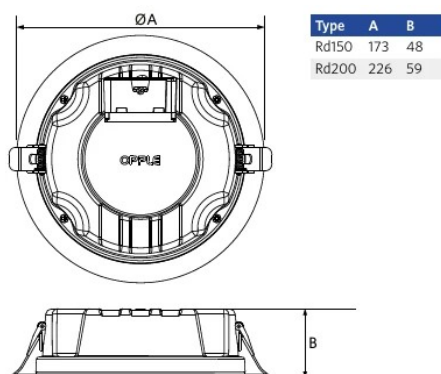
Electrical Supply	
Frequency	50 - 60 Hz
Nominal voltage	220 - 240 V
DC input voltage	See catalogue appendix Connection Specifications
230V Cable length	0.3 m

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)



Photometric Data

