

START Downlight Flat IP44 Dimmable 155mm Round Recessed

Start Downlight Flat 157 IP44 1000LM 830 DIM
0054120



- Product features
- START Downlight Flat IP44 DIM is an integrated LED recessed downlight with a separate, phase dimmable driver and loop in- out box, 12W; 1000Lm; 83Lm/W; 3000K; IP44 rated from the front.

PRODUCT OVERVIEW

Product name	Start Downlight Flat 157 IP44 1000LM 830 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
ETIM Class	EC001744
E-number FI	4278493
Warranty	5 years
Fixture luminous flux (lm)	1000
Luminaire efficacy (lm/W)	83
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	120
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Product EAN number	5410288541204

DATA TABLE

General data	
Product name	Start Downlight Flat 157 IP44 1000LM 830 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium

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Mount	Ceiling recessed mounting
General application	Hospitality
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278493
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1000
Luminaire efficacy (lm/W)	83
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	120
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	12
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	300
Inrush Current (A)	2.35
Inrush Duration (µs)	120
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	95
Max. products per 13A C Breaker	124
Max. products per 16A C Breaker	152
Max. products per 20A C Breaker	190
Max. products per 10A B Breaker	95
Max. products per 13A B Breaker	124
Max. products per 16A B Breaker	152
Max. products per 20A B Breaker	190

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Connectable conductor cross section - Min (mm²)	0.75
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Connectable conductor cross section - Max (mm²)	1.5
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Lifetime data

Lifespan L70 B50	78000
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Lifespan L80 B20	43000
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Lifespan L80 B10	42000
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Lifespan L90 B10	23000
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Physical data

Housing colour	RAL 9003 - Signal white
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IP rating	IP44/20
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IK rating	IK06
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Diffuser finish	Opal
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Diffuser material	PS Polystyrene
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Reflector finish	None
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Nominal Product Height (mm)	21
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Nominal Product Diameter (mm)	172
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Cutout Dimensions (W x L in mm or Diameter in mm)	157
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Weight (kg)	0.354
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Packaging

Single packaging type	Carton
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Product EAN number	5410288541204
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Packaging single length / height (cm)	19.5
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Packaging single width (cm)	5.0
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Packaging single depth (cm)	17.6
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DUN14 (outer)	15410288541201
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Units per outer package	10
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Packaging outer length / height (cm)	53.3
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Packaging outer width (cm)	21.7
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Packaging outer depth (cm)	20.0
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Safety data

Optimal operating condition (°C)	-20-40
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PHOTOMETRY

TECHNICAL DRAWINGS