



PLANO BASIC 190 WHITE

Low-build, energy-saving downlight for general lighting in large premises - perfect replacement for old compact fluorescent luminaires. Selectable colour temperature via DIP switch ColourTemp. Available in three sizes suitable for most cut out dimensions from 140mm to 218mm. Extremely efficient with broad beam angle together with opal diffuser, it creates an even general lighting in corridors, schools, canteens and waiting rooms, etc. Comes complete with phase dimmable driver and 2m cord set with earthed plug. Can be supplied with Q-Box Mini or Linect.

DESCRIPTION

GTIN:	7392971139012
Item Name:	Plano Basic 190 White
Warranty:	5 years

LIGHT TECHNICAL DATA

Max. Luminaire Lumen (lm):	2680
Light Source:	LED
Light Source Included:	Yes
Replaceability:	Non-replaceable LED, Replaceable Control gear by professional
LED Colour:	White
Colour Temperature (K):	3000, 4000, 5700
Colour Rendering Index (Ra):	>80
Colour Consistency (SDCM):	3
Luminous Intensity (cd):	1060
Beam Angle (°):	100
Light sharing:	Symmetric
Light Outlet:	Direct
Number of Lamps (pcs):	1
Number of LED (pcs):	192
Life Time:	h Ta °C
Nominal Life Time (h):	50000
Lumen maintenance 50 000h:	L70
LLMF @ 50 000h:	0.7
Life Time Driver:	50 000h/5%
Flicker (PstLM):	0,034
Stroboscopic effect (SVM):	0,004

TECHNICAL DATA

Voltage (type):	AC
Voltage Interval (V):	220...240V
Voltage Nominal (V):	230
Line Frequency (Hz):	50
Max. Power Luminaire (W):	25
Max. System Power (W):	25
Max. Efficiency Luminaire (lm/W):	107
Max. Efficiency System (lm/W):	107

Containing light source energy efficiency class (EU) 2019/2015: E

OPERATION AND CONNECTION

Dimmable:	Yes
Type of Dimming:	Trailing Edge, Leading Edge
Driver Included:	Yes
Driver Model:	Constant Current
Driver Type:	Stand Alone
Connection (type):	Cord Set
Length Connection (cm):	200
Connection (mm ²):	2x0,75
Strain Relief:	Yes
Power Factor λ :	0,9
Efficiency (%):	85
Constant Current (mA):	600
Min. Ta (°C):	-20
Max. Ta (°C):	45
Max. Tc (°C):	80
Fuse B10 (pcs):	42
Fuse B16 (pcs):	68
Fuse C10 (pcs):	42
Fuse C16 (pcs):	68

COLOR AND MATERIAL

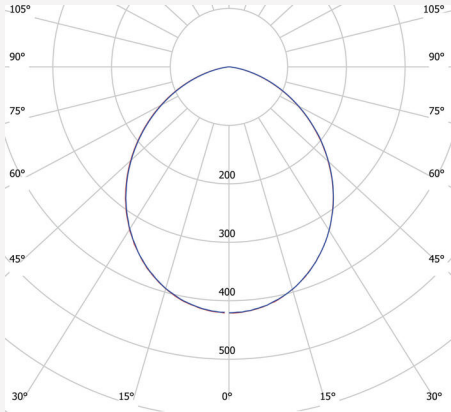
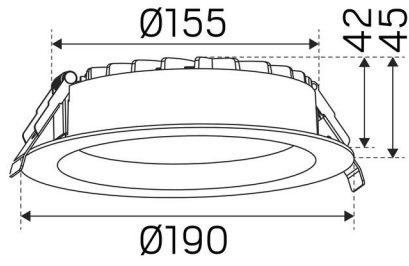
Material:	Aluminium, Plastic
Color:	White
Environmental Assessment:	Byggvarubedömningen

MEASUREMENT AND INSTALLATION

Operating Environment:	Indoor / wet locations
IP Degree of Protection:	54
Protection Class:	II
Installation:	Built-in
Mounting Installation:	Mounting Spring
Ceiling Thickness Interval (mm):	3-25mm
Fire Safety Marks:	Not in insulation without protection cover
Approval Marks:	CE
Impact Strength:	IK06
Filament Test IEC 695-2-1(°C):	650
Height (mm):	45
Diameter (mm):	190
Weight (kg):	0,66
Height Recessed Part (mm):	42
Height Exterior Part (mm):	3
Built-in Ø (mm):	160-180mm



(mm)



(mm)

