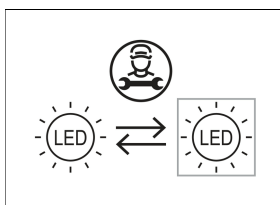
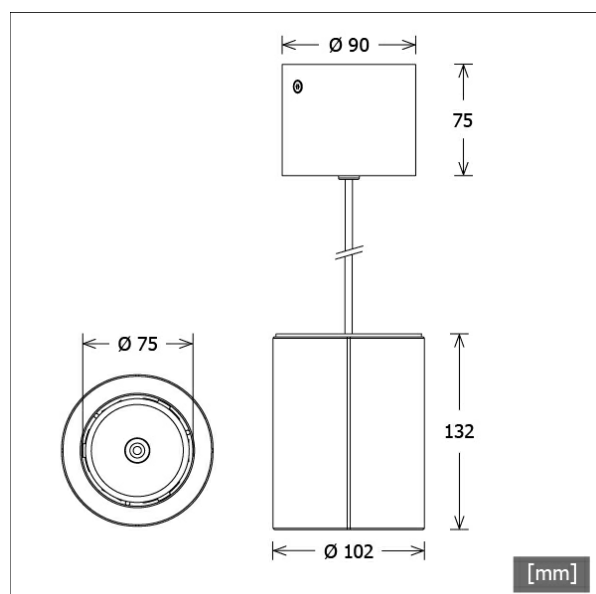


# TIMR-PA 201.930.MF



Colours	Article no.	EAN
ash	665551	4043544794949



## Description

- sustainable pendant luminaire with cylindrical ash wood housing
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management via integrated aluminium support frame (no heat sink required)
- high-tech reflector lense made from PMMA for high luminous efficiency and glare-free lighting
- black ceiling box with feed-in made from aluminium (D = 90 mm, H = 75 mm)
- suspension with black textile cable (2 x 0.5 mm<sup>2</sup>, length: 1500 mm)
- ceiling box for screw mounting
- 3-pole prefabricated connecting cable
- ballast (LED converter) integrated in ceiling box

## Notes

Wood is a natural product, variations in grain are to be expected. The wood used here is untreated and therefore very susceptible to oil and dirt.

## Standard options



## Lighting data / Norms

<b>Lamps</b>	LED Spot / CRI 90 / 3000 K
<b>EPREL light sources</b>	1024000
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
<b>Lifetime</b>	
<b>System power</b>	13.4 W
<b>Luminaire luminous flux</b>	1770 lm
<b>System efficiency</b>	132.08 lm/W
<b>Module efficiency</b>	136.81 lm/W
<b>UGR class</b>	≤22
<b>Beam range</b>	Medium Flood
<b>Beam angle</b>	25°
<b>Supply voltage</b>	220 - 240 V / 50 - 60 Hz
<b>Protection class</b>	I
<b>Type of protection</b>	IP20

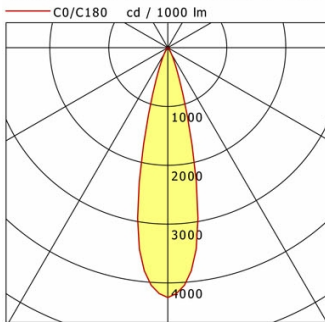
## Dimensions / Weights

<b>Outer diameter</b>	102 mm
<b>Inner diameter</b>	75 mm
<b>Height</b>	132 mm
<b>Net weight</b>	1.09 kg
<b>Gross weight</b>	1.15 kg

# TIMR-PA 201.930.MF

## TIMR-PA 201.930.MF

Timba Round | Pendant (1xLED 13W 830/3000K 1770lm)



	C0	C90	C180	C270
0°	4249	4249	4249	4249
15°	1427	1427	1427	1427
30°	123	123	123	123
45°	36	36	36	36
60°	20	20	20	20
75°	11	11	11	11
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	1.35	835.6
6.0	2.70	208.9
9.0	4.04	92.8
12.0	5.39	52.2
15.0	6.74	33.4

<b>η</b>	LED
Efficiency	137 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	13 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.0
UGR C90/C270	21.0
CIE Flux Codes	93 97 99 100 100
Ra/CRI	>80

LTS