

TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

3W 3000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00052



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø85mm
Width	Ø85mm
Height	20mm
Weight	0.095kg
Cut-Out	Ø65mm

PHOTOMETRICAL DATA

Total Luminous Flux	265lm
Luminous Efficacy	90lm/w
Beam Angle	120°
Colour Temperature	3000K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	3W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.5
Operating Temperature	- 20° C to + 40° C

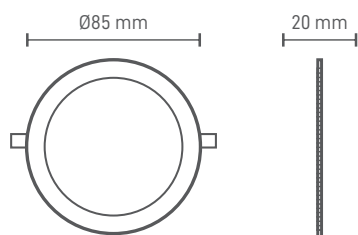
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	3kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



Designed by Aron Light in Portugal. Made in PRC



TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

3W 4000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00053



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø85mm
Width	Ø85mm
Height	20mm
Weight	0.095kg
Cut-Out	Ø65mm

PHOTOMETRICAL DATA

Total Luminous Flux	270lm
Luminous Efficacy	90lm/w
Beam Angle	120°
Colour Temperature	4000K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	3W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.5
Operating Temperature	- 20° C to + 40° C

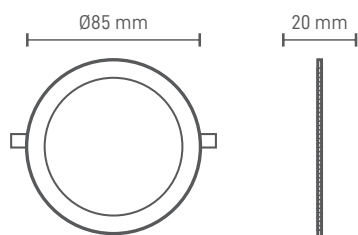
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	3kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

3W 6500K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00054



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø85mm
Width	Ø85mm
Height	20mm
Weight	0.095kg
Cut-Out	Ø65mm

PHOTOMETRICAL DATA

Total Luminous Flux	275lm
Luminous Efficacy	90lm/w
Beam Angle	120°
Colour Temperature	6500K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	3W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.5
Operating Temperature	- 20° C to + 40° C

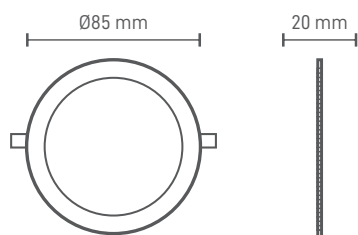
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	3kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

6W 3000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00055



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø120mm
Width	Ø120mm
Height	20mm
Weight	0.145kg
Cut-Out	Ø105mm

PHOTOMETRICAL DATA

Total Luminous Flux	500lm
Luminous Efficacy	85lm/w
Beam Angle	120°
Colour Temperature	3000K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	6W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.5
Operating Temperature	- 20° C to + 40° C

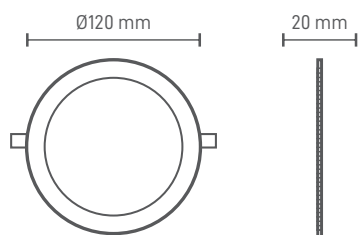
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	6kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

6W 4000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00056



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø120mm
Width	Ø120mm
Height	20mm
Weight	0.145kg
Cut-Out	Ø105mm

PHOTOMETRICAL DATA

Total Luminous Flux	505lm
Luminous Efficacy	85lm/w
Beam Angle	120°
Colour Temperature	4000K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	6W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.5
Operating Temperature	- 20° C to + 40° C

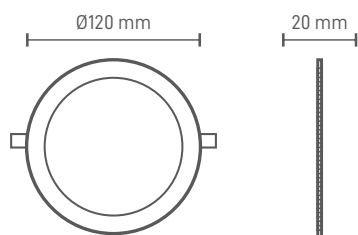
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	6kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

6W 6500K BRANCO

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Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

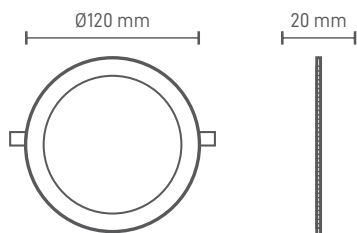
ILAR-00057



REFERENCE		DIMENSION & WEIGHT		PHOTOMETRICAL DATA	
Led Type	SMD	Lenght	Ø120mm	Total Luminous Flux	510lm
Mounting Type	Recessed	Width	Ø120mm	Luminous Efficacy	85lm/w
Body Material	Aluminium	Height	20mm	Beam Angle	120°
Housing Colour	White	Weight	0.145kg	Colour Temperature	6500K
Body Shape	Round	Cut-Out	Ø105mm	Colour Rendering Index	>80
LGP	PS			Colour Consistency	<= 6
Nominal Lifetime (EOL end of life)	25000hrs			UGR	
LED Brand	Samsung LED				
Useful Lifetime Based on LM70	-				
Dimmable	No				

ELECTRICAL AND OPERATING DATA		ENERGY LABEL & STANDARS		CERTIFICATIONS	
Nominal Wattage	6W	Energy Label	A+	2014/30/EU (EMC Directive)	YES
Nominal Voltage	85-265V	Energy Consumption KWH/1000H	6kwh	2014/35/EU (LVD Directive)	YES
Operating Frequency	50/60Hz	Type of Protection	IP44	ROHS	YES
Power Factor	0.5	Protection Class	II	Warranty	2 YEARS
Operating Temperature	- 20° C to + 40° C	Protection Class IK (shock resistance)	-		

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

12W 3000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00058



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø170mm
Width	Ø170mm
Height	20mm
Weight	0.225kg
Cut-Out	Ø155mm

PHOTOMETRICAL DATA

Total Luminous Flux	1050lm
Luminous Efficacy	90lm/w
Beam Angle	120°
Colour Temperature	3000K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	12W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.7
Operating Temperature	- 20° C to + 40° C

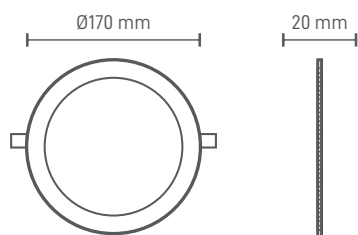
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	12kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

12W 4000K BRANCO

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Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00059



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø170mm
Width	Ø170mm
Height	20mm
Weight	0.225kg
Cut-Out	Ø155mm

PHOTOMETRICAL DATA

Total Luminous Flux	1060lm
Luminous Efficacy	90lm/w
Beam Angle	120°
Colour Temperature	4000K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	12W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.7
Operating Temperature	- 20° C to + 40° C

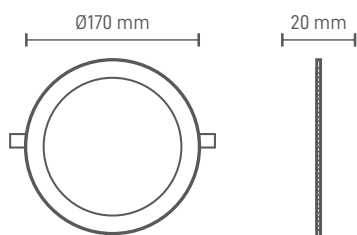
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	12kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

12W 6500K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

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Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

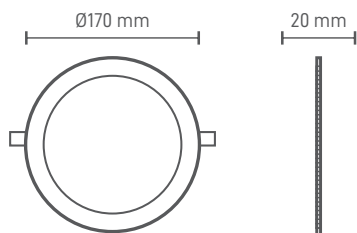
ILAR-00060



REFERENCE		DIMENSION & WEIGHT		PHOTOMETRICAL DATA	
Led Type	SMD	Lenght	Ø170mm	Total Luminous Flux	1070lm
Mounting Type	Recessed	Width	Ø170mm	Luminous Efficacy	90lm/w
Body Material	Aluminium	Height	20mm	Beam Angle	120°
Housing Colour	White	Weight	0.225kg	Colour Temperature	6500K
Body Shape	Round	Cut-Out	Ø155mm	Colour Rendering Index	>80
LGP	PS			Colour Consistency	<= 6
Nominal Lifetime (EOL end of life)	25000hrs			UGR	
LED Brand	Samsung LED				
Useful Lifetime Based on LM70	-				
Dimmable	No				

ELECTRICAL AND OPERATING DATA		ENERGY LABEL & STANDARS		CERTIFICATIONS	
Nominal Wattage	12W	Energy Label	A+	2014/30/EU (EMC Directive)	YES
Nominal Voltage	85-265V	Energy Consumption KWH/1000H	12kwh	2014/35/EU (LVD Directive)	YES
Operating Frequency	50/60Hz	Type of Protection	IP44	ROHS	YES
Power Factor	0.7	Protection Class	II	Warranty	2 YEARS
Operating Temperature	- 20° C to + 40° C	Protection Class IK (shock resistance)	-		

SIZE



Designed by Aron Light in Portugal. Made in PRC



TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

18W 3000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00061



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø225mm
Width	Ø225mm
Height	20mm
Weight	0.36kg
Cut-Out	Ø205mm

PHOTOMETRICAL DATA

Total Luminous Flux	1530lm
Luminous Efficacy	90lm/w
Beam Angle	120°
Colour Temperature	3000K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	18W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.7
Operating Temperature	- 20° C to + 40° C

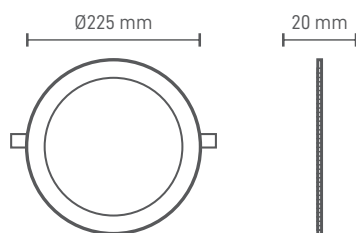
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	18kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

18W 4000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

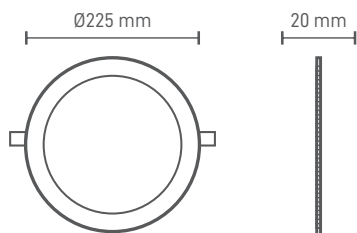
ILAR-00062



REFERENCE		DIMENSION & WEIGHT		PHOTOMETRICAL DATA	
Led Type	SMD	Lenght	Ø225mm	Total Luminous Flux	1580lm
Mounting Type	Recessed	Width	Ø225mm	Luminous Efficacy	90lm/w
Body Material	Aluminium	Height	20mm	Beam Angle	120°
Housing Colour	White	Weight	0.36kg	Colour Temperature	4000K
Body Shape	Round	Cut-Out	Ø205mm	Colour Rendering Index	>80
LGP	PS			Colour Consistency	<= 6
Nominal Lifetime (EOL end of life)	25000hrs			UGR	
LED Brand	Samsung LED				
Useful Lifetime Based on LM70	-				
Dimmable	No				

ELECTRICAL AND OPERATING DATA		ENERGY LABEL & STANDARS		CERTIFICATIONS	
Nominal Wattage	18W	Energy Label	A+	2014/30/EU (EMC Directive)	YES
Nominal Voltage	85-265V	Energy Consumption KWH/1000H	18kwh	2014/35/EU (LVD Directive)	YES
Operating Frequency	50/60Hz	Type of Protection	IP44	ROHS	YES
Power Factor	0.7	Protection Class	II	Warranty	2 YEARS
Operating Temperature	- 20° C to + 40° C	Protection Class IK (shock resistance)	-		

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

18W 6500K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00063



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø225mm
Width	Ø225mm
Height	20mm
Weight	0.36kg
Cut-Out	Ø205mm

PHOTOMETRICAL DATA

Total Luminous Flux	1630lm
Luminous Efficacy	90lm/w
Beam Angle	120°
Colour Temperature	6500K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	18W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.7
Operating Temperature	- 20° C to + 40° C

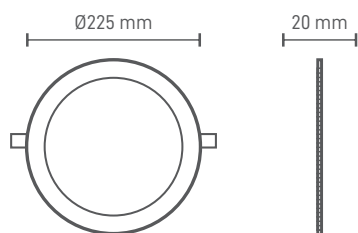
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	18kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



Designed by Aron Light in Portugal. Made in PRC



TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

24W 4000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-00754



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø300mm
Width	Ø300mm
Height	20mm
Weight	0.645kg
Cut-Out	Ø285mm

PHOTOMETRICAL DATA

Total Luminous Flux	2130lm
Luminous Efficacy	90lm/w
Beam Angle	120°
Colour Temperature	4000K
Colour Rendering Index	>80
Colour Consistency	<= 6
UGR	

ELECTRICAL AND OPERATING DATA

Nominal Wattage	24W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.7
Operating Temperature	- 20° C to + 40° C

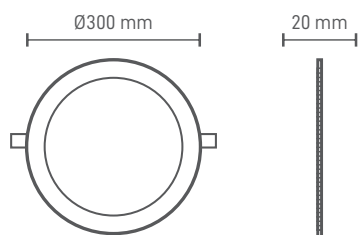
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	24kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



Designed by Aron Light in Portugal. Made in PRC



TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

9W 3000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-01220



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø150mm
Width	Ø150mm
Height	20mm
Weight	0.145kg
Cut-Out	Ø135mm

PHOTOMETRICAL DATA

Total Luminous Flux	700lm
Luminous Efficacy	83lm/w
Beam Angle	120°
Colour Temperature	3000K
Colour Rendering Index	>80
Colour Consistency	<= 6

ELECTRICAL AND OPERATING DATA

Nominal Wattage	9W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.5
Operating Temperature	- 20° C to + 40° C

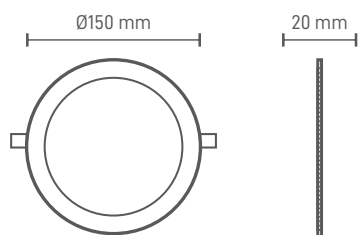
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	9kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



Designed by Aron Light in Portugal. Made in PRC





TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

9W 4000K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

ILAR-01221



REFERENCE

Led Type	SMD
Mounting Type	Recessed
Body Material	Aluminium
Housing Colour	White
Body Shape	Round
LGP	PS
Nominal Lifetime (EOL end of life)	25000hrs
LED Brand	Samsung LED
Useful Lifetime Based on LM70	-
Dimmable	No

DIMENSION & WEIGHT

Lenght	Ø150mm
Width	Ø150mm
Height	20mm
Weight	0.145kg
Cut-Out	Ø135mm

PHOTOMETRICAL DATA

Total Luminous Flux	710lm
Luminous Efficacy	83lm/w
Beam Angle	120°
Colour Temperature	4000K
Colour Rendering Index	>80
Colour Consistency	<= 6

ELECTRICAL AND OPERATING DATA

Nominal Wattage	9W
Nominal Voltage	85-265V
Operating Frequency	50/60Hz
Power Factor	0.5
Operating Temperature	- 20° C to + 40° C

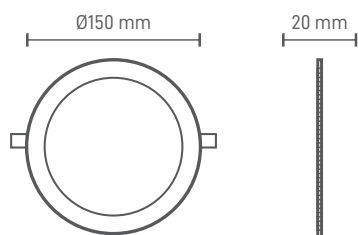
ENERGY LABEL & STANDARS

Energy Label	A+
Energy Consumption KWH/1000H	9kwh
Type of Protection	IP44
Protection Class	II
Protection Class IK (shock resistance)	-

CERTIFICATIONS

2014/30/EU (EMC Directive)	YES
2014/35/EU (LVD Directive)	YES
ROHS	YES
Warranty	2 YEARS

SIZE



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TECHNICAL INFORMATIONS

PAINEL ENCASTRAR REDONDO

9W 6500K BRANCO

Panel de Encastrar e Superfície, ideal para tectos falsos com altura limitada.

Recessed and Surface Panel, ideal for dropped ceiling with limited height.

Panel de Encastrar y Superfície, ideal para techos falsos con altura limitada.

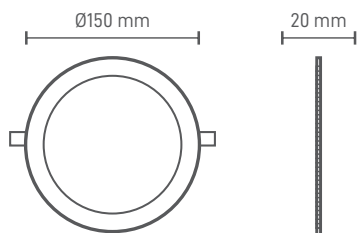
ILAR-01222



REFERENCE		DIMENSION & WEIGHT		PHOTOMETRICAL DATA	
Led Type	SMD	Lenght	Ø150mm	Total Luminous Flux	720lm
Mounting Type	Recessed	Width	Ø150mm	Luminous Efficacy	83lm/w
Body Material	Aluminium	Height	20mm	Beam Angle	120°
Housing Colour	White	Weight	0.145kg	Colour Temperature	6500K
Body Shape	Round	Cut-Out	Ø135mm	Colour Rendering Index	>80
LGP	PS			Colour Consistency	<= 6
Nominal Lifetime (EOL end of life)	25000hrs				
LED Brand	Samsung LED				
Useful Lifetime Based on LM70	-				
Dimmable	No				

ELECTRICAL AND OPERATING DATA		ENERGY LABEL & STANDARS		CERTIFICATIONS	
Nominal Wattage	9W	Energy Label	A+	2014/30/EU (EMC Directive)	YES
Nominal Voltage	85-265V	Energy Consumption KWH/1000H	9kwh	2014/35/EU (LVD Directive)	YES
Operating Frequency	50/60Hz	Type of Protection	IP44	ROHS	YES
Power Factor	0.5	Protection Class	II	Warranty	2 YEARS
Operating Temperature	- 20° C to + 40° C	Proteccion Class IK (shock resistance)	-		

SIZE



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