





# **THILA** *SERIES*

## **Versatile downlight lamp**

Thila is a recessed and suspension lamp designed for commercial environments and workplaces. It is characterized by a high color rendering index and a low power consumption.

Heatsink and frame made of die-cast aluminum designed for optimum heat dissipation, opal tempered safety glass, LED Chip on Board technology of last generation.

**Mechanical features**

Chassis	Die-cast aluminum UNI EN 1706
Dissipator	Cast aluminum UNI EN 1706 with fins
Gasket	Silicon compliant with Led lighting
Glass	Opal tempered 4 mm
Protection against mechanical impacts	IK08 (5 J vandal-protected)
Protection Degree	IP65 (Dust penetration-protected, jet-proof)
Maintenance	Limited

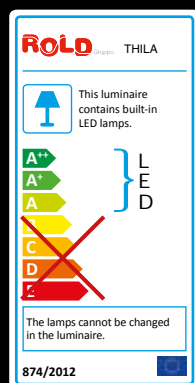
**Electrical features**

Driver	No included
Insulation class	III
Power supply	110÷270V - 50/60 Hz
Power factor	>0.9 (fully loaded)
Colour	White RAL 9003, painting termosetting polyester powder
Options of Energy Saving	Dimming driver, ROLD SmartPower (by power line)
Markings	CE mark
Operating Temperature Range of the lighting device	From -30 to +40°C
Operating Temperature Range of the Driver IP20	From -25 to +50°C
Luminous Source	COB technology
Driver IP20	Plastic material

Risk Group 0 - exempt IEC/EN 62471

On request lamps with different CRI / Color temperature (K)

Available with specific CRI/K for the agrifood industry





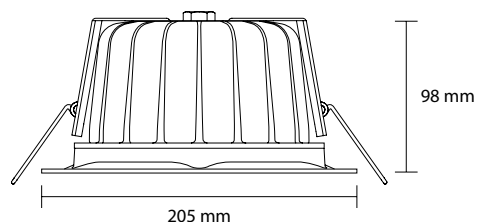
# *THILA*

*RECESSED*



## RECESSED

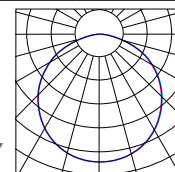
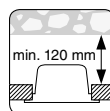
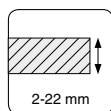
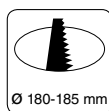
## THL RS



CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	CRI	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
THL RS 00	1	18	2260	4000	> 90	0,5	1,8	Lumileds COB	126	9003
THL RS 01	1	18	2090	3000	> 90	0,5	1,8	Lumileds COB	116	9005
THL RS 02	1	25	3013	4000	> 90	0,7	1,8	Lumileds COB	120	9003
THL RS 03	1	25	2786	3000	> 90	0,7	1,8	Lumileds COB	111	9005
THL RS 04	1	32	3767	4000	> 90	0,9	1,8	Lumileds COB	116	9003
THL RS 05	1	32	3483	3000	> 90	0,9	1,8	Lumileds COB	108	9005

t = 40° C  
 IEE = A++ / A  
 EN 60598-1:2008 + A11:2009  
 EN 60598-2-2:2012

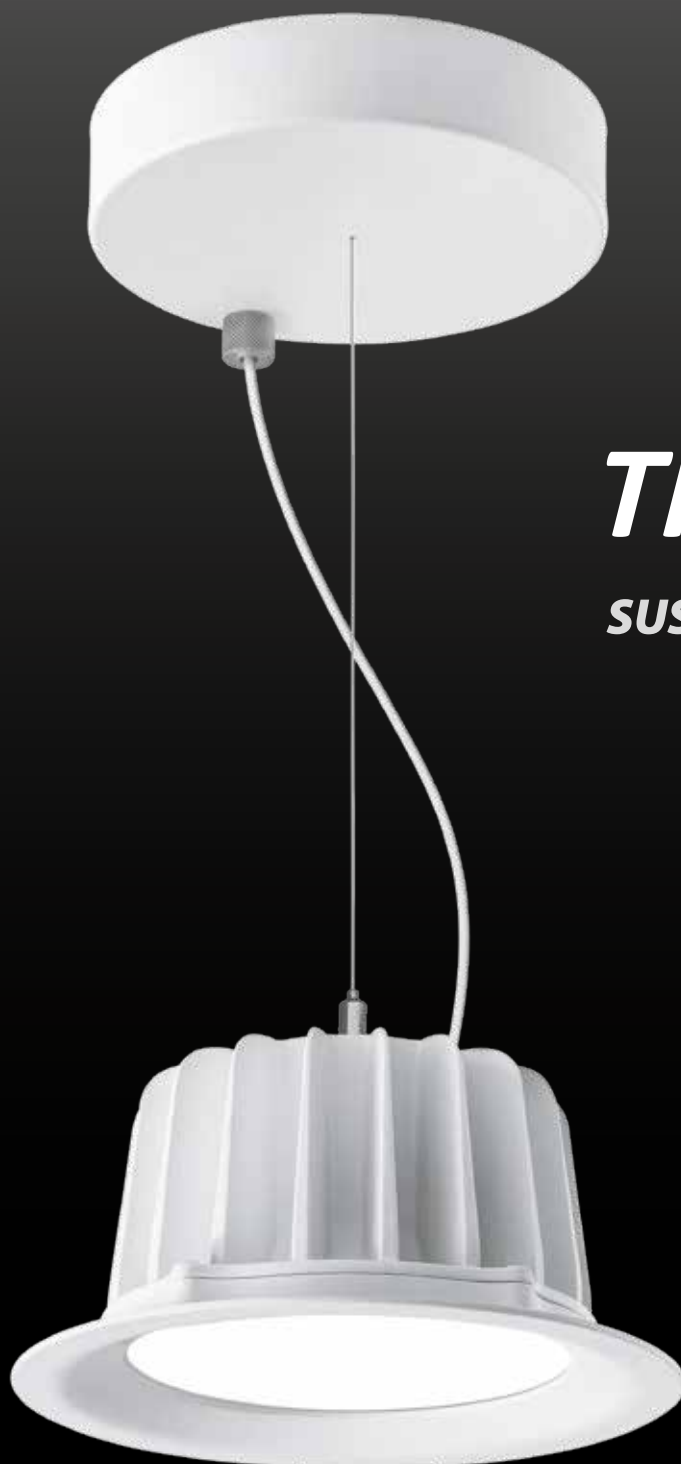
III IP65 CE



PHOTOMETRY

## OPTIONAL COLOUR

WHITE RAL 9003   
  BLACK RAL 9005   
  GREY RAL 7001

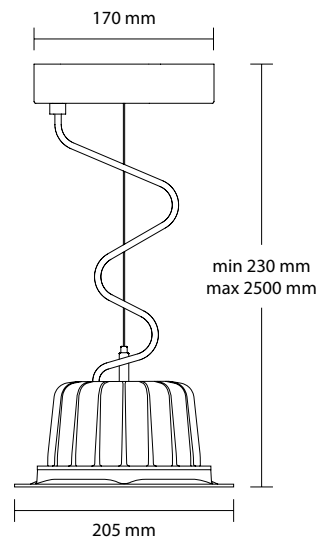


***THILA***  
***SUSPENSION***

## SUSPENSION



## THL S

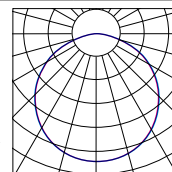


CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	CRI	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
THL S 00	1	18	2260	4000	> 90	0,5	2,6	Lumileds COB	126	9003
THL S 01	1	18	2090	3000	> 90	0,5	2,6	Lumileds COB	116	9005
THL S 02	1	25	3013	4000	> 90	0,7	2,6	Lumileds COB	120	9003
THL S 03	1	25	2786	3000	> 90	0,7	2,6	Lumileds COB	111	9005
THL S 04	1	32	3767	4000	> 90	0,9	2,6	Lumileds COB	116	9003
THL S 05	1	32	3483	3000	> 90	0,9	2,6	Lumileds COB	108	9005

t = 40° C  
 IEE = A++ / A  
 EN 60598-1:2008 + A11:2009  
 EN 60598-2-2:2012



PHOTOMETRY



## OPTIONAL COLOUR

