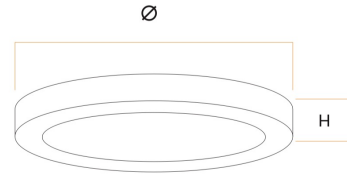


Dimensions

Diameter (mm)	Ø620/900/1200/2000/3000/4000
Height (mm)	H77/95/110/200

Schematic

Product drawings



THEMIS LED SMD SURFACE/RECESSED/PENDANT

DESCRIPTION

THEMIS product series have aluminium injection body and circular body shape which allows recessed, surface and suspended mounting opportunities.

THEMIS can also provide very homogeneous low glare rated lighting with wide surface and thanks to its well designed passive cooling system which ensures long LED and driver lifetime. Optionally, wood and acoustic felt materials can be integrated to the product body to ensure maximum architectural feelings in specific lighting applications.

THEMIS is able to be controlled via DALI protocol and wirelessly control as optional. It is also possible to integrate emergency conversion modules as 1 hour or 3 hours backup time depends on project application field.

THEMIS can be used in projects such as offices, hotels, retail stores, educational facilities, hospitals...etc.

Item code	PRF40
Application type	Indoor applications
Category	Architectural
Product family	THEMIS
Subcategory	THEMIS
Material	Luminaire body made of aluminium injection body with electrostatic powder paint.
Optical system	Opal PMMA diffuser with low glare effect.
Mounting options	Surface, recessed or suspended mounting options.

Accessories

ST01	Suspension steel wire with cable (1m)
ST03	Suspension steel wire with cable (3m)
RC01	Recessed mounting bracket (fixed)
RC02	Recessed mounting bracket (adjustable)
SBX	Surface mounting bracket

Optional

3HEM	3 hours emergency conversion module
BCC	Compatible for iBeacon version
RMT	Wireless control module(BLE)
IND	Indirect Lighting
DT8	Tunable White Lighting
WD	Wooden Body
AF	Acoustic Felt Integrated

Product	PRF40
Real power (W)	49/69/90/153/318/387
Real lumen output (Lm)	4140/5850/7650/13000/27000/32850
Light output ratio LOR (%)	64%
Efficacy (Lm/W)	85
Beam angle (°)	115°
Lifespan (h)	35000
IP rate	IP20/IP40
IK rate	IK07
Isolation class	Class 1
Photobiological risk group	RG0 (no risk)
Diffuser/Optical constituent	Opal PMMA diffuser
Ambient operating temperature	0°C, +35°C
Electrical feeding	220..240VAC, 50/60Hz
Body colour options (RAL)	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">9005</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">9006</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">7016</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">9016</div> <div style="margin-left: 5px;">+ any RAL</div> </div>
Energy efficiency class	A+

Driver/Power Supply

Driver included	Yes
Driver type	Electronic driver
Flicker free	Yes

Light source included	Yes
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Light source type	LED
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LED type	SMD
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Nominal power (W)	46/65/85/144/300/365
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Total lumen (Lm)	6469/9140/11953/20312/42187/51328
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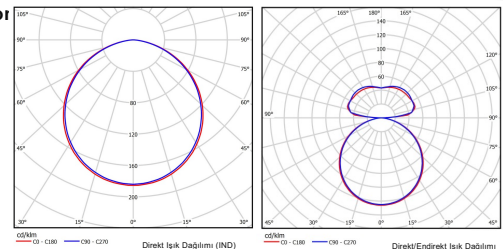
CCT (K)	2700/3000/4000/5500/6500/TW
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MacAdam (SDCM)	3
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Colour rendering index (CRI, Ra)	>80
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Photometry

Light distribution



PRODUCT SELECTION

ORDER CODE	POWER (W)	LUMEN (lm)	CCT (K)	CRI (Ra)	BODY FORM	BODY COLOUR	IP	MOUNTING	CONTROL TYPE	Ø (mm)	H (mm)
PRF40.00.1.1.30S11SW	46W	4140	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	620	77
PRF40.00.1.1.30R12SW	46W	4140	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	620	77
PRF40.00.1.1.30R11DA	46W	4140	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	620	77
PRF40.00.1.1.30R12DA	46W	4140	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	620	77
PRF40.00.1.1.40R11SW	46W	4140	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	620	77
PRF40.00.1.1.40R12SW	46W	4140	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	620	77
PRF40.00.1.1.40R11DA	46W	4140	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	620	77
PRF40.00.1.1.40R12DA	46W	4140	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	620	77
PRF40.00.1.2.30R11SW	65W	5850	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	900	77
PRF40.00.1.2.30R12SW	65W	5850	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	900	77
PRF40.00.1.2.30R11DA	65W	5850	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	900	77
PRF40.00.1.2.30R12DA	65W	5850	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	900	77
PRF40.00.1.2.40R11SW	65W	5850	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	900	77
PRF40.00.1.2.40R12SW	65W	5850	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	900	77
PRF40.00.1.2.40R11DA	65W	5850	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	900	77
PRF40.00.1.2.40R12DA	65W	5850	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	900	77
PRF40.00.1.3.30S11SW	85W	7650	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	1200	77
PRF40.00.1.3.30R12SW	85W	7650	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	1200	77
PRF40.00.1.3.30R11DA	85W	7650	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	1200	77
PRF40.00.1.3.30R12DA	85W	7650	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	1200	77
PRF40.00.1.3.40R11SW	85W	7650	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	1200	77
PRF40.00.1.3.40R12SW	85W	7650	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	1200	77
PRF40.00.1.3.40R11DA	85W	7650	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	1200	77
PRF40.00.1.3.40R12DA	85W	7650	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	1200	77
PRF40.00.1.4.30R11SW	144W	13000	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	2000	77
PRF40.00.1.4.30R12SW	144W	13000	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	2000	77
PRF40.00.1.4.30R11DA	144W	13000	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	2000	77
PRF40.00.1.4.30R12DA	144W	13000	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	2000	77
PRF40.00.1.4.40R11SW	144W	13000	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	2000	77
PRF40.00.1.4.40R12SW	144W	13000	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	2000	77
PRF40.00.1.4.40R11DA	144W	13000	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	2000	77
PRF40.00.1.4.40R12DA	144W	13000	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	2000	77

PRODUCT SELECTION

ORDER CODE	POWER (W)	LUMEN (lm)	CCT (K)	CRI (Ra)	BODY FORM	BODY COLOUR	IP	MOUNTING	CONTROL TYPE	∅ (mm)	H (mm)
PRF40.00.1.5.30R11SW	300W	27000	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	3000	77
PRF40.00.1.5.30R12SW	300W	27000	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	3000	77
PRF40.00.1.5.30R11DA	300W	27000	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	3000	77
PRF40.00.1.5.30R12DA	300W	27000	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	3000	77
PRF40.00.1.5.40R11SW	300W	27000	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	3000	77
PRF40.00.1.5.40R12SW	300W	27000	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	3000	77
PRF40.00.1.5.40R11DA	300W	27000	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	3000	77
PRF40.00.1.5.40R12DA	300W	27000	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	3000	77
PRF40.00.1.6.30R11SW	365W	32850	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	4000	77
PRF40.00.1.6.30R12SW	365W	32850	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	4000	77
PRF40.00.1.6.30R11DA	365W	32850	3000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	4000	77
PRF40.00.1.6.30R12DA	365W	32850	3000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	4000	77
PRF40.00.1.6.40R11SW	365W	32850	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	ON-OFF	4000	77
PRF40.00.1.6.40R12SW	365W	32850	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	ON-OFF	4000	77
PRF40.00.1.6.40R11DA	365W	32850	4000K	>80	CIRCULAR	WHITE	IP20	SURFACE	DALI	4000	77
PRF40.00.1.6.40R12DA	365W	32850	4000K	>80	CIRCULAR	BLACK	IP20	SURFACE	DALI	4000	77