

LED DOWNLIGHT ADVANCE 90 CRI90

Luminaire body

Comprises outer ring made of die-cast aluminium stove-enamelled in white. On request it can be supplied in any colour from the RAL chart.

Recessed mounting by fixing strings included in the standard delivery. Minimum ceiling thickness (5-7 mm).

Specific versions in IP54 degree of protection on visible side.

Power supply: 220-240 V / 50-60 Hz. On request: 110-240 V / 50-60 Hz.

○ Ceiling cut: 90 mm.

Optics

New technology of PHI reflectors of high performances for an optimal optic distribution with Spot or Flood light beam.

Inner diffuser with BRIGHT LIGHT technology.

High visual comfort with glare limitation.

Light source: LED930/LED940 with high selection of binning (3-4 step) that guarantees the light output emitted and the colour temperature declared.

Dimensions

Measures in mm



Applications



Retail



Showrooms / Cultural centres



Laboratories



Offices



Transit areas

Luminaires

Light source	W	Colour temp.	CRI	Light output	Kg	References: Non dimmable	Dimmable DALI
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ADVANCE 90 CRI90 IP20 • Recessed downlight with high glossy reflector made of vaporized aluminium. White colour

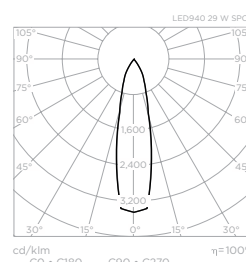
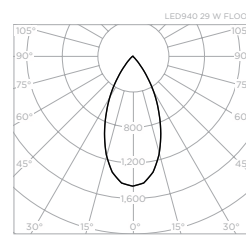
Spot							
LED930	13	3,000 K	>90	797 lm	0.5	001520	On request
LED940	13	4,000 K	>90	903 lm	0.5	001741	On request
LED930	29	3,000 K	>90	1,303 lm	0.6	001596	On request
LED940	29	4,000 K	>90	1,460 lm	0.6	001742	On request

Flood							
LED930	29	3,000 K	>90	1,302 lm	0.6	001598	On request
LED940	29	4,000 K	>90	1,460 lm	0.6	001743	On request

ADVANCE 90 CRI90 IP54 • Recessed downlight with high glossy reflector made of vaporized aluminium. White colour

Spot							
LED930	13	3,000 K	>90	730 lm	0.7	001516	On request
LED940	13	4,000 K	>90	830 lm	0.7	001744	On request

Flood							
LED930	29	3,000 K	>90	1,202 lm	0.8	001600	On request
LED940	29	4,000 K	>90	1,340 lm	0.8	001745	On request



ON REQUEST:

Comparative chart

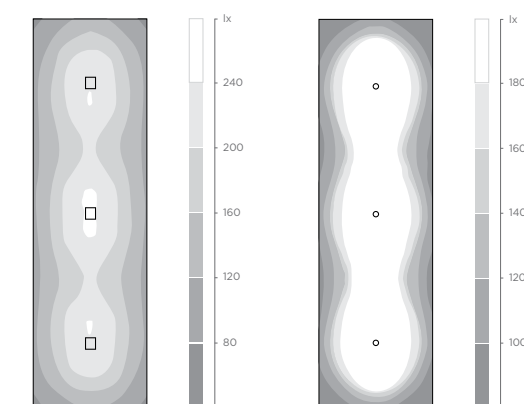
Lighting results	Downlight 2 TC-TELI 26 W	ADVANCE 90 CRI90 LED940 29 W 4,000 K
VEE (W/m ²)	9.72	5.03
VEEI (W/m ² /100 lux)	5.72	2.64
Em (lux)	150	190
Emin/Em	0.45	0.65

Solution

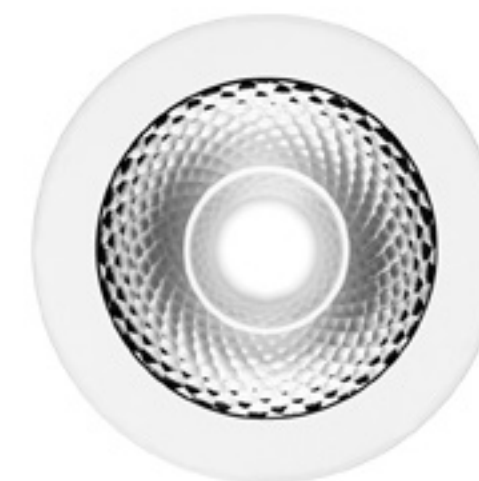
General lighting	Current solution Corridor areas	Proposed solution Corridor areas
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Measure conditions

Local height	2.8 m
Luminaire mounting height	2.8 m
Area	17.28 m ²
Maintenance factor	0.80
Reflection factor	70/50/20



Installed power **168 W** vs **87 W**
 Installed power **-48%**



EFFICIENT CHROMATIC MODELLING

