



## FRAME 60

recessed with trim

**EN** Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

**ES** Cuerpo de lámpara de perfil extrusionado de aluminio; luminaria empotrable con marco; apropiada para grosores de techo entre 8-25 mm; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; resto de componentes luminosos montables sin herramienta; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de luminancia y un alumbrado homogéneo; LEDS de alta eficiencia que proporcionan una alta reproducción cromática

### Quickinfo

3000 K, 4000 K, TW  
 CRI ≥ 80, CRI ≥ 90, 3 SDCM  
 up to 135 lm/W  
 L90 @ 50 000 h  
 non DIM, DALI-2  
 opal, microprismatic (UGR ≤ 19)

### Types



### Colours



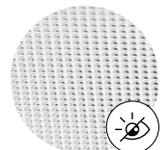
### Light distributions



DiiA® standards  
 251, 252, 253



system  
 solution



microprismatic  
 UGR ≤ 19



tunable white  
 2700–6500 K



CRI ≥ 98  
 XPECTRUM

## Order options

### COLOUR TEMPERATURE

3000 K (CRI $\geq$ 90)	0
4000 K (CRI $\geq$ 90)	1
3000 K (CRI $\geq$ 80)	5
4000 K (CRI $\geq$ 80)	6
tunable white 2700–6500 K*	

\*DALI-2 DT8

### CONTROL

non DIM	1
DALI-2	3

### MATERIAL COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> white aluminium RAL 9006	G

### LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z
microprismatic (UGR $\leq$ 19)*	G

\*UGR $\leq$ 19 only with mid lumen

## Options on request

### COLOUR RENDERING INDEX

CRI $\geq$ 98 XPECTRUM

### INDIVIDUAL MATERIAL COLOUR

please contact factory



## FRAME 60 trim



### MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
6.9W	3000K	822lm	593	0 5 2 - 4 7 L 2 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	936lm		
10.3W	3000K	1230lm	893	0 5 2 - 4 7 L 3 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	1400lm		
13.3W	3000K	1640lm	1193	0 5 2 - 4 7 L 4 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	1870lm		
16.6W	3000K	2060lm	1493	0 5 2 - 4 7 L 5 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	2340lm		
26.6W	3000K	3290lm	2365	0 5 2 - 4 7 L 8 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	3740lm		

### HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
12.1W	3000K	1380lm	593	0 5 2 - 4 7 M 2 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	1570lm		
17.5W	3000K	2070lm	893	0 5 2 - 4 7 M 3 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	2360lm		
23.3W	3000K	2760lm	1193	0 5 2 - 4 7 M 4 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	3150lm		
29.1W	3000K	3460lm	1493	0 5 2 - 4 7 M 5 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	3930lm		
45W	3000K	5530lm	2365	0 5 2 - 4 7 M 8 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	6290lm		

### TUNABLE WHITE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
19W	2700–6500K	2260lm	880	0 5 2 - 4 7 3 3 D 3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
25.3W	2700–6500K	3010lm	1180	0 5 2 - 4 7 3 4 D 3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
31W	2700–6500K	3760lm	1480	0 5 2 - 4 7 3 5 D 3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
49W	2700–6500K	6020lm	2352	0 5 2 - 4 7 3 8 D 3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

## Mounting accessories

### CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
635	75-88	0 3 5 - 0 4 0 6 6
935	75-88	0 3 5 - 0 4 0 9 6
1235	75-88	0 3 5 - 0 4 1 2 6
1535	75-88	0 3 5 - 0 4 1 5 6
2407	75-88	0 3 5 - 0 4 2 3 6

no use for wall installation (only on request)



**LUMINOUS FLUX** value calculated for  
CRI $\geq$ 80, colour white, cover opal  
microprismatic -13%