



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

DE Leuchtenkörper aus Aluminiumstrangpressprofil; Einbauleuchte mit umlaufendem Rand; geeignet für Deckenstärken von 8-25 mm; Oberfläche pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restliche Leuchtenkomponenten werkzeuglos montierbar; Lichteinsatz bestehend aus hochreflektierend lackiertem Strangpressprofil für verbessertes Thermomanagement; HPO (High Performance Opal) Abdeckung für homogene Ausleuchtung; mikroprismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; energieeffiziente LEDs mit sehr guter Farbwiedergabe

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



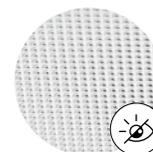
Light distributions



DiiA® standards
 251, 252, 253



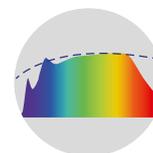
system
 solution



microprismatic
 UGR ≤ 19



tunable white
 2700-6500K



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	893	0 5 2 - 4 7 3 3 D 3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
25.3W	2700–6500K	3010lm	1193	0 5 2 - 4 7 3 4 D 3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
31W	2700–6500K	3760lm	1493	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%