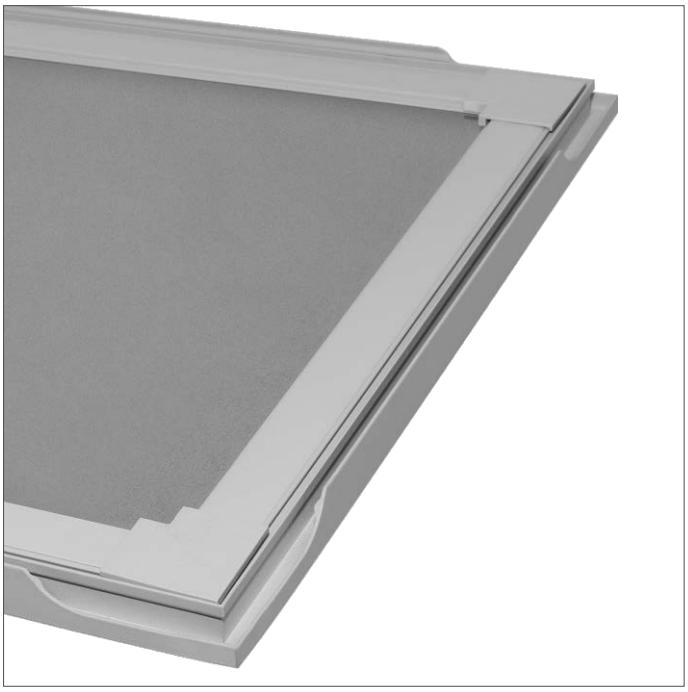
ALED

TOLEDO D til DAMPA lofter



Product informa on

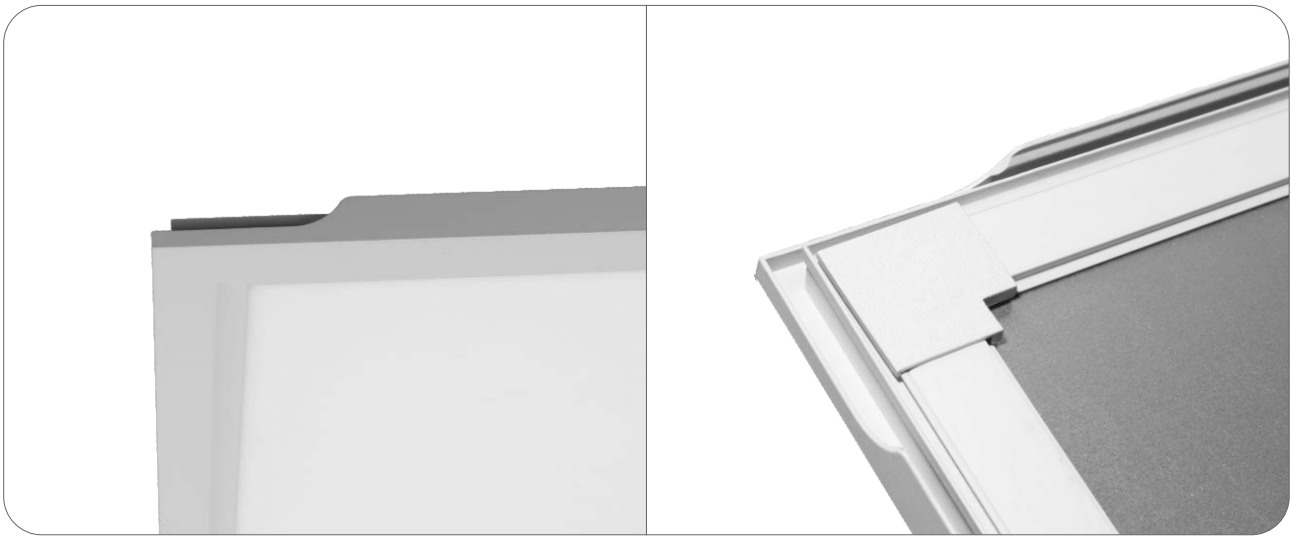
Toledo D passer perfekt i systemlofter med skjult skinnesystem fra DAMPA. Panelets design sikrer nem og hurtig montage og panelet monteres som en almindelig loftplade til DAMPA systemet. Den mikroprismatiske front sikrer jævnt og blændfrit lys i enten 3000K eller 4000K. Toledo D kan leveres med on/off med mulighed for wattagevalg, DALI, Casambi eller 1-10V.

Product data

General Information	
Light source type	LED
Number of LED module	2 pcs
Beam angle of LED module	90°
Color temperature	3000K/4000K dial switchable
CRI	80
LED module replaceable	No
Number of LED driver	1 unit
Driver included	Yes
Driver replaceable	Yes
L90 lifetime of LED module	50,000 hrs
L80 lifetime of LED module	100,000 hrs
LED module lumen	3600 lm
Operating and Electrical	
Input Voltage	220-240 Vac
Input frequency	50 to 60 Hz
System wattage	36W
Inrush current	19. 5A
Inrush time	258 μ s
Power factor	0.98
Leakage current	<0.75mA/230VAC
Surge protection	1KV L-N
Ambient temperature range	-20°C to + 40°C
Performance ambient temperature Tq	+25°C
EU RoHS compliant	Yes
Net weight (piece)	3kg

SDCM	3 steps
Optical type	Micro-prismatic
Control and dimming	On/off as standard;DALI available
Connection type	5 pole connector
Protection class IEC	Safety class II
Glow-wire test	650°C,30s
UGR	19
PstLM	<1
SVM	<0.4
CE Mark	Yes
Dimension	
Overall length	600mm
Overall width	600mm
Overall height	16mm
Mechanical and Housing	
Housing material	Aluminium
Optical material	PMMA (LGP)
Housing color	Ral9016
Heatsink material	Aluminum
Ingress protection code	IP 20
Mech. impact protection code	IK 07
Remarks	
LED driver failure rate at 50,000hrs	5 %
Power consumption tolerance	±7 %

Product picture

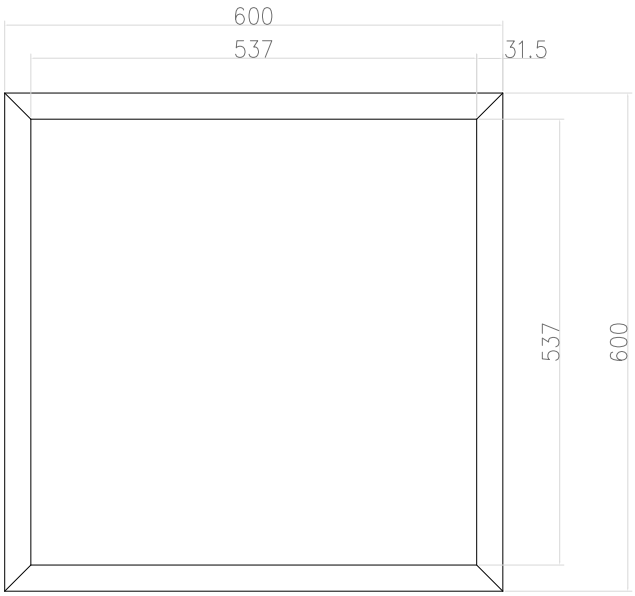


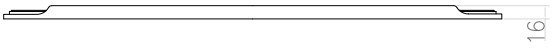
Front view

Back view

Dimensional drawing

Unit:mm





UGR table

UGR(Unified Glare Rating) Table

Test:U:230.20V I:0.1641A P:35.017W PF:0.9692 Freq:49.99Hz Lamp Flux:3654.55x1 lm		
NAME: PANEL	TYPE:S16J	WEIGHT:
SPEC.:3000K	DIM.: 600X600X16MM	SERIAL No.:
MFR.: ALED A/S	SUR.:0.487	Shielding Angle:

ceiling/cavity		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H	y = 2H	14.2	15.6	14.5	15.8	16.0	14.0	15.4	14.3	15.6	15.8
	3H	15.1	16.4	15.4	16.6	16.9	15.1	16.3	15.4	16.6	16.9
	4H	15.6	16.8	16.0	17.1	17.4	15.6	16.8	16.0	17.1	17.4
	6H	16.3	17.4	16.6	17.7	18.0	16.2	17.3	16.6	17.6	17.9
	8H	16.6	17.7	17.0	18.0	18.4	16.5	17.6	16.9	17.9	18.2
	12H	17.0	18.1	17.4	18.4	18.7	16.8	17.9	17.2	18.2	18.5
4H	2H	14.6	15.8	14.9	16.0	16.3	14.4	15.6	14.7	15.9	16.2
	3H	15.8	16.8	16.1	17.1	17.5	15.8	16.8	16.1	17.1	17.5
	4H	16.5	17.4	16.9	17.8	18.1	16.5	17.5	16.9	17.8	18.2
	6H	17.3	18.2	17.7	18.6	19.0	17.3	18.1	17.7	18.5	18.9
	8H	17.8	18.6	18.2	19.0	19.4	17.7	18.4	18.1	18.8	19.3
	12H	18.3	19.0	18.7	19.4	19.9	18.1	18.8	18.5	19.2	19.7
8H	4H	16.8	17.6	17.3	18.0	18.4	16.9	17.7	17.3	18.0	18.5
	6H	17.9	18.6	18.4	19.0	19.5	17.8	18.5	18.3	18.9	19.4
	8H	18.6	19.1	19.0	19.6	20.1	18.4	19.0	18.9	19.4	19.9
	12H	19.2	19.7	19.7	20.2	20.7	19.0	19.5	19.5	19.9	20.5
12H	4H	16.9	17.6	17.3	18.0	18.5	16.9	17.6	17.4	18.1	18.5
	6H	18.1	18.6	18.5	19.1	19.6	18.0	18.6	18.5	19.0	19.5
	8H	18.8	19.3	19.3	19.7	20.3	18.6	19.1	19.1	19.6	20.1

Variations with the observer position at spacings:		
S = 1.0H	+ 0.3 / - 0.3	+ 0.3 / - 0.4
1.5H	+ 0.1 / - 0.2	+ 0.2 / - 0.2
2.0H	+ 0.2 / - 0.3	+ 0.6 / - 0.5

CIE Pub.117, 3655 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.5)