

OSRAM DEDRA plus® T8 DPTB / VATS / VABS / VB



LUM – Technical Information

A compact recessed luminaire for office application.



Tender text

- Prestige and high-comfort lighting for offices, meeting rooms, classrooms...
- For lay-in recessed mounting in modular ceilings 600 x 600 mm, protection class I, IK07, IP20
- 4x18W, mains voltage 220-240 V, mains frequency 50–60 Hz (0/50-60 Hz for DALI)
- Equipped with LUMILUX® T8 lamps, 830 & 840 light color (only 840 for VB kit and DALI)
- Equipped with QUICKTRONIC® FIT 8 (excepted for VB no-kit C version) or QT i DALI Dim control gear

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A) Technical Information

1) Housing, Mounting and Accessories

- Equipped with a safety fixing cable and protective film (excepted for VB no-kit version)

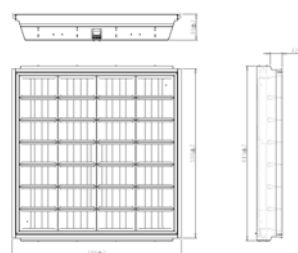
Product name	DPTB KIT 4x18W /840	DPTB KIT 4x18W /830	DPTB KIT 4x18W /840 DALI	VATS KIT 4x18W /840	VATS KIT 4x18W /830	VABS KIT 4x18W /840	VABS KIT 4x18W /830	VB KIT 4x18W /840	VB 4x18W C
Body material	Sheet steel								
Color of the luminaire (RAL)	White powdered epoxy RAL 9016								
Cover material	No cover								
Reflector type	Double parabolic, transverse small strips			V grid, transverse small strips					
Reflector material	Shining alu LV1050			Satin alu Milfinish 3050		Shining alu LV1050 for the V, satin alu Milfinish 3050 for the transverse strips		White lacquered steel	
Fixing of the reflector	Automatic clip system, with maintenance position								
Adjustable	No								
Symmetry	Symmetric reflector								
Number of lighting outlets	4								
Length l [mm]	596								
Width b [mm]	596								
Height h [mm]	90								
Type of installation	Recessed, in support on the false ceiling								
Mounting length [mm]	600								
Mounting width [mm]	600								
Mounting height [mm]	130								
Net weight [g]	3,450		3,520	3,150		2,990		4,250	4,220



DPTB



VABS



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Protection class	I								
Type of protection (IP code)	IP20								
Protection against ignition and fire	F								
Glow Wire Test according to IEC 695-2-1 (> 650°C)	850 °C								
Shock resistance (IK code)	IK07								
Ambient temperature	-15 °C up to + 50 °C								
Approval marks	CE								
Photometric Classification DIN 5040	See "Optical features"								



2) Electrical Installation

Product name	DPTB KIT 4x18W /840	DPTB KIT 4x18W /830	DPTB KIT 4x18W /840 DALI	VATS KIT 4x18W /840	VATS KIT 4x18W /830	VABS KIT 4x18W /840	VABS KIT 4x18W /830	VB KIT 4x18W /840	VB 4x18W C
Nominal wattage [W]	75		69,3	75					115
Mains voltage [V]	200 to 260								230
Rated current [A]	0,34		0,31	0,34					0,37
Mains frequency [Hz]	50-60		0/50-60	50-60					50
Type of connector	3-pin double plug terminal		5-pin double plug terminal	3-pin double plug terminal					



Type of connector



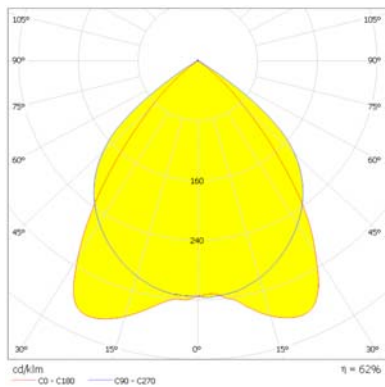
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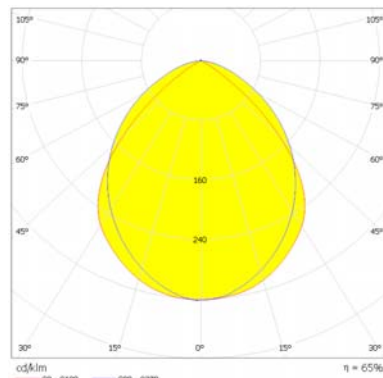
3) Optical features

- 61% of efficiency for DPTB version, photometrical class B, UGR15 (EN12464-1), low luminance (<235cd/m² for 65°)
- 65% of efficiency for VATS version, photometrical class C, UGR19 (EN12464-1)
- 67% of efficiency for VABS version, photometrical class C, UGR19 (EN12464-1)
- 56% of efficiency for VB version, photometrical class D

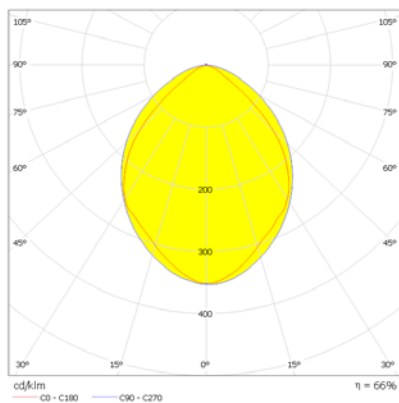
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Equipped with Lamp	Yes								No
Lamp type	OSRAM LUMILUX® T8 18W								
EAN	4050300 517797	4050300 517810	4050300 517797	4050300 517810	4050300 517797	4050300 517810	4050300 517797	4050300 517797	
Base	G13								
Light color	840	830	840	830	840	830	840	840	
Color temperature [K]	4,000	3,000	4,000	3,000	4,000	3,000	4,000	4,000	
Luminous flux [lm]	3,294			3,510		3,618		3,024	



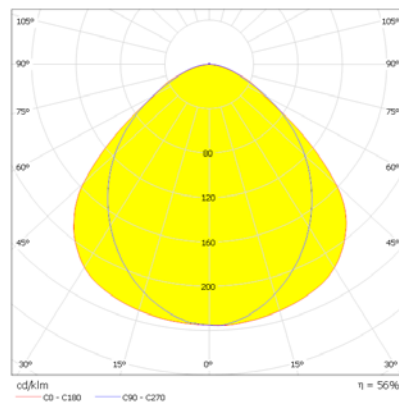
DPTB



VATS



VABS



VB

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4) Control

- QUICKTRONIC® Fit 8
- QT_i DALI DIM

Product name	DPTB KIT 4x18W /840	DPTB KIT 4x18W /830	DPTB KIT 4x18W /840 DALI	VATS KIT 4x18W /840	VATS KIT 4x18W /830	VABS KIT 4x18W /840	VABS KIT 4x18W /830	VB KIT 4x18W /840	VB 4x18W C
Ballast / Control gear	QUICKTRONIC® Fit8 4x18W		QTi DALI DIM 4x18W	QUICKTRONIC® Fit8 4x18W					Magnetic type Vossloh Schwabe
EAN	4008321 294302		4008321 070050	4008321 294302					
Permissible sinusoidal operating voltage [V _{AC}]	200 to 260								230
Mains frequency [Hz]	50-60		0/50-60	50-60					50
Through-wiring	No								
Energy Efficiency Index EEI	A2 Electronic ballasts (EBs) with reduced losses		A1	A2 Electronic ballasts (EBs) with reduced losses					B1

B) Logistic Data

Product reference	Product number (EAN 40)	Efficiency	Light color & Wattage	SU
DEDRA T8 DPTB KIT 4x18 W/840	4008321 526496	61B	840 – 4x18 W	1x1
DEDRA T8 DPTB KIT 4x18 W/830	4008321 526502	61B	830 – 4x18 W	1x1
DEDRA T8 DPTB KIT 4x18 W/840 DALI	4008321 645913	61B	840 – 4x18 W	1x1
DEDRA T8 VATS KIT 4x18 W/840	4008321 526519	65C	840 – 4x18 W	1x1
DEDRA T8 VATS KIT 4x18 W/830	4008321 526526	65C	830 – 4x18 W	1x1
DEDRA T8 VABS KIT 4x18 W/840	4008321 526533	67C	840 – 4x18 W	1x1
DEDRA T8 VABS KIT 4x18 W/830	4008321 526540	67C	830 – 4x18 W	1x1
DEDRA T8 VB KIT 4x18 W/840	4008321 526557	56D	840 – 4x18 W	1x1
DEDRA T8 VB 4x18 W	4008321 526564	56D	4x18 W	1x1