

OSRAM DEDRA plus[®] T5 DALI / WIELAND



LUM – Technical Information

A compact recessed luminaire for office application.



Tender text

- Prestige and high-comfort lighting for offices, meeting rooms, classrooms...
- For recessed mounting in modular ceilings 600 x 600 mm, protection class I, IK07, IP20
- 3x14 & 4x14 W (DALI versions), 3x14W (WIELAND), mains voltage 230/240V, mains frequency 50–60Hz
- Equipped with T5 HE lamps, 840 light color, 24 000 h lifetime (or 830 for DALI 4 lamps only make to order ref)
- Integrated QUICKTRONIC[®] FH[®] control gear (WIELAND version), QUICKTRONIC[®] Intelligent DALI (DALI versions), cut off technology

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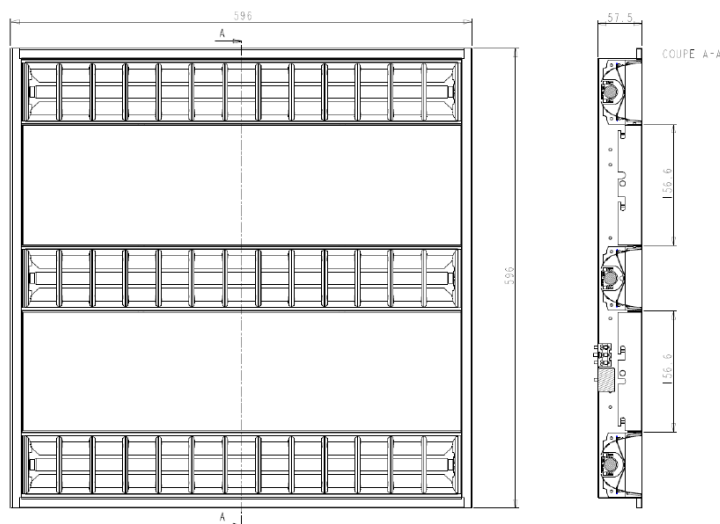


A) Technical Information

1) Housing, Mounting and Accessories

- Casing of powder-coated steel in white with safety cable
- Peel-off film to protect the surface during installation
- No accessories

Product name	DPB KIT 3x14W/840 DALI	DPB KIT 4x14W/840 DALI (or 830 only make to order IC)	DPB-C KIT 3x14W/840 WIELAND
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, optical dividing beaches		
Reflector material	Shining Alu Alanod 322G	Shining Alu Alanod 350G	
Fixing of the reflector	Automatic clip system included in each reflector beach		
Adjustable	No		
Symmetry	Symmetric reflector		
Number of lighting outlets	3	4	3
Length l [mm]	596		
Width b [mm]	596		
Height h [mm]	52		
Type of installation	Recessed, in support on the false ceiling		
Mounting length [mm]	600		
Mounting width [mm]	600		
Mounting height [mm]	60		
Net weight [g]	3 950	3 900	3 950



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Product name	DPB KIT 3x14W/840 DALI	DPB KIT 4x14W/840 DALI (or 830 only make to order IC)	DPB-C KIT 3x14W/840 WIELAND
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)	960 °C		
Shock resistance (IK code)	IK07		
Ambient temperature	-20 °C up to + 50 °C		
Approval marks	CE - ENEC		
Photometric Classification DIN 5040	See "Optical features"		

2) Electrical Installation

Product name	DPB KIT 3x14W/840 DALI	DPB KIT 4x14W/840 DALI (or 830 only make to order IC)	DPB-C KIT 3x14W/840 WIELAND
Nominal wattage [W]	45,3	60	48
Mains voltage [V]	230 - 240		
Rated current [A]	0,20	0,27	0,22
Mains frequency [Hz]	0 / 50 / 60		50 / 60
Type of connector	5 automatic binders like BJB		WIELAND

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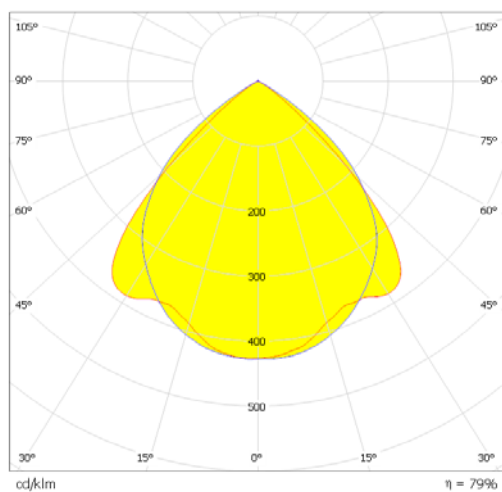


3) Optical features

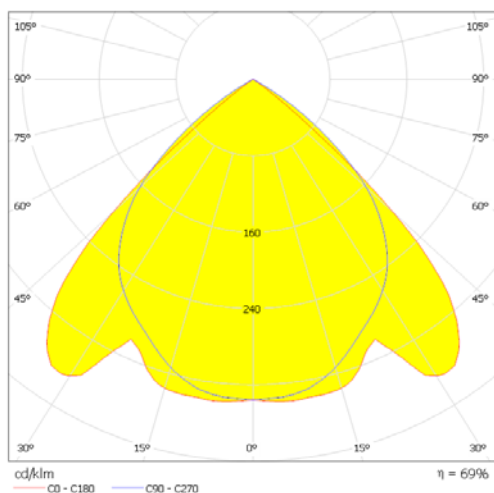
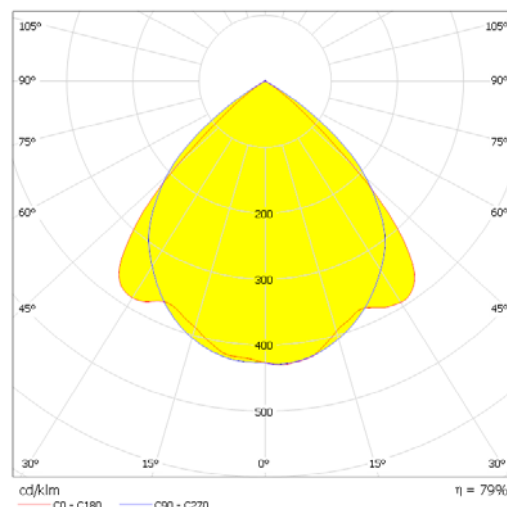
- 69 % of efficiency for DPB-C version
- 79% of efficiency for DPB version

Product name	DPB KIT 3x14W/840 DALI	DPB KIT 4x14W/840 DALI (or 830 only make to order IC)	DPB-C KIT 3x14W/840 WIELAND
Equipped with Lamp	Yes		
Lamp type	OSRAM T5 HE 14W		
EAN	4050300 464688 (or 4050300 464824 for the Kit DALI 830)		
Base	G5		
Lifespan lamp	24 000 h		
Light color	840 (or 830 for the Kit DALI 830)		
Color temperature [K]	4 000 (or 3000 for the Kit DALI 830)		
Luminous flux [lm]	1 200		

DPB 4x14 versions



DPB 3x14 versions



DPB-C 3x14 versions

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4) Control

- QUICKTRONIC[®] FH[®] control gear
- QUICKTRONIC[®] Intelligent DALI
- Cut off technology

Product name	DPB KIT 3x14W/840 DALI	DPB KIT 4x14W/840 DALI (or 830 only make to order IC)	DPB-C KIT 3x14W/840 WIELAND
Ballast / Control gear	QT-DALI 3x14	QT-DALI 4x14	QT-FH 3x14
EAN	4008321 069955	4008321 070036	4050300 459073
Permissible sinusoidal operating voltage [V _{AC}]	200 to 260		
Mains frequency [Hz]	0 / 50 / 60		50 / 60
Through-wiring	No		
Energy Efficiency Index EEI	A2 Electronic ballasts (EBs) with reduced losses		

B) Logistic Data

Product reference	Product number (EAN 40)	Efficiency	Light color & Wattage	SU
DEDRA T5 DPB KIT 3x14W/840 DALI	4008321 380852	79 %	840 – 3x14W	1x1
DEDRA T5 DPB KIT 4x14W/840 DALI	4008321 380883	79 %	840 – 4x14W	1x1
DEDRA T5 DPB-C KIT 3x14W/840 WIELAND	4008321 380890	69 %	840 – 3x14W	1x1
DEDRA T5 DPB KIT 4x14W/830 DALI <i>only make to order, not on stock</i>	4008321 533555	79 %	830 – 4x14W	1x1