

PRODUCT DATASHEET

TRUSYS UNIV P 75W 840 N CL DALI

TRUSYS UNIVERSAL DALI | The DALI solution for refurbishment - universal fitting to existing trunking luminaire system



PERFOR-
MANCE
CLASS

Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- Industry halls, high rack warehouse, hardware stores
- Discounters, supermarkets

Product benefits

- The solution for refurbishment: universal fitting to existing trunking luminaire system
- Easy installation, no tools required for connection
- Energy saving and cost-effective
- Flexible application due to a range of different lumen packages and beam angles
- 5 years guarantee

Product features

- IoT-ready DALI-2 driver
- Beam angles: 90° (W), 60° (N), 30° (VN)
- Click into place solution with smart click buttons
- Luminous efficacy: up to 180 lm/W
- Lifetime (L80/B10): up to 100,000 h (at 25 °C)
- Initial color consistency: ≤ 3 SDCM



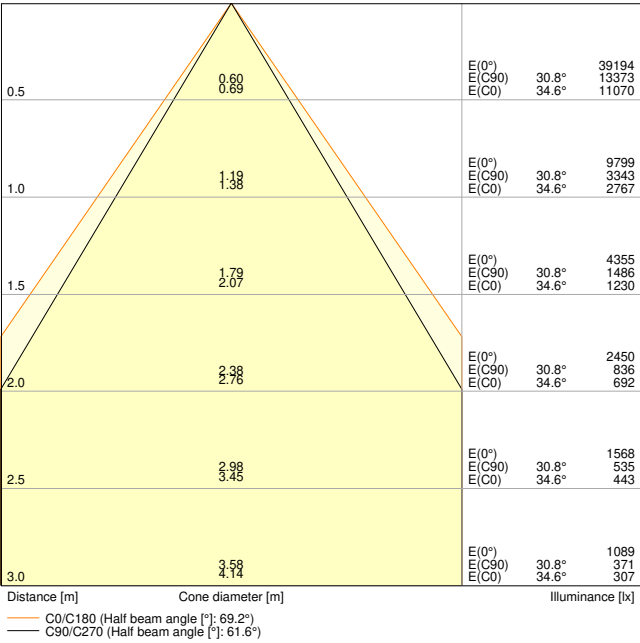
TECHNICAL DATA

Electrical data

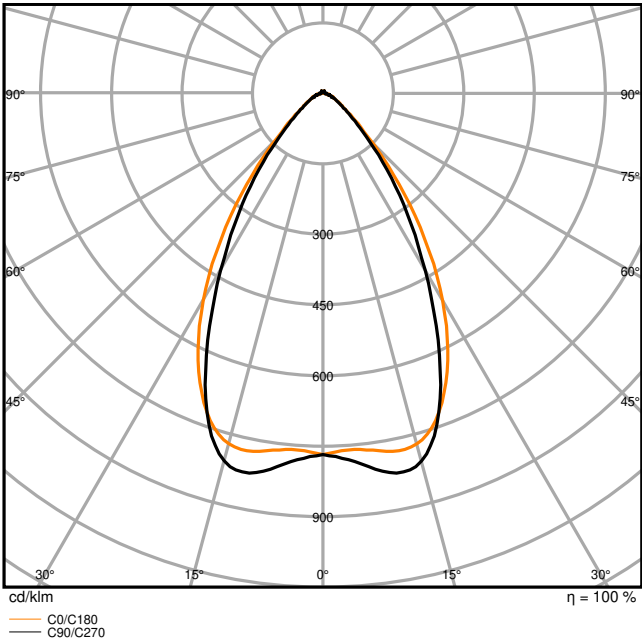
Nominal wattage	75.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	340.000 mA
Inrush current	0.34 A
Inrush current time T_{h50}	156 μ s
Max. number of luminaires per miniature circuit breaker B16	9
Max. number of luminaires per miniature circuit breaker C10	7
Max. number of luminaires per miniature circuit breaker C16	12
Power factor λ	≥ 0.90
Total harmonic distortion	$\leq 15 \%$
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	12750 lm
Luminous efficacy	170 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 3 sdc _{cm}
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	60 °



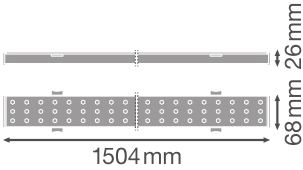
TRUSYS UNIV P 75W 840 N CL PS DALI



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Dimensions & Weight

Length	1504.00 mm
Width	68.00 mm
Height	26.00 mm
Product weight	1790.00 g



TRUSYS UNIV P 73/75W 840 CL
PS/DALI

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	Polymethylmethacrylate (PMMA)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-40...+80 °C
Type of connection	Plug-In connection
Type of protection	IP20
Protection class IK (shock resistance)	IK02
Dimmable	Yes
Type of dimming	DALI2
Mounting type	Surface/Suspended
Mounting location	Mounting rail
Application environment	Indoor
Adjustable	No
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	120000 h ¹⁾
Lifespan L80/B10 at 25 °C	100000 h ¹⁾
Lifespan L90/B10 at 25 °C	54000 h
Number of switching cycles	50000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	500 mA
ECG - Output ripple current	< 5 %

Certificates & Standards

Standards	CE / CB / UKCA / ENEC / TÜV / EAC
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Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

Additional product data

Product remark	Available from September 2024
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EQUIPMENT / ACCESSORIES

– Various accessories available

DOWNLOAD DATA

Documents and certificates		Document name
	User Instruction	TRUSYS UNIVERSAL
	Addon Technical Information	LISO Insert TRUSYS UNIVERSAL
	Legal information	Legal insert
	Declarations of conformity	CE Declaration Trusys Universal
	Declarations Of Conformity UKCA	UKCA Declaration Trusys Universal
Photometric and lighting design files		Document name
	IES file (IES)	TRUSYS UNIV P 75W 840 N CL PS DALI
	LDT file (Eulumdat)	TRUSYS UNIV P 75W 840 N CL PS DALI
	UGR file (UGR table)	TRUSYS UNIV P 75W 840 N CL PS DALI
	LDC typ cone	TRUSYS UNIV P 75W 840 N CL PS DALI
	LDC typ polar	TRUSYS UNIV P 75W 840 N CL PS DALI
CAD/BIM files		Document name
	CAD_STEP_3D	TRUSYS UNIV

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

1x TRUZEYS UNIV

Cable	EN 60332-1	EN 60332-3	EN 60332-3-2	EN 60332-3-3	EN 60332-3-4	EN 60332-3-5	EN 60332-3-6	EN 60332-3-7	EN 60332-3-8	EN 60332-3-9	EN 60332-3-10	EN 60332-3-11	EN 60332-3-12	EN 60332-3-13	EN 60332-3-14	EN 60332-3-15	EN 60332-3-16	EN 60332-3-17	EN 60332-3-18	EN 60332-3-19	EN 60332-3-20	EN 60332-3-21	EN 60332-3-22	EN 60332-3-23	EN 60332-3-24	EN 60332-3-25	EN 60332-3-26	EN 60332-3-27	EN 60332-3-28	EN 60332-3-29	EN 60332-3-30	EN 60332-3-31	EN 60332-3-32	EN 60332-3-33	EN 60332-3-34	EN 60332-3-35	EN 60332-3-36	EN 60332-3-37	EN 60332-3-38	EN 60332-3-39	EN 60332-3-40	EN 60332-3-41	EN 60332-3-42	EN 60332-3-43	EN 60332-3-44	EN 60332-3-45	EN 60332-3-46	EN 60332-3-47	EN 60332-3-48	EN 60332-3-49	EN 60332-3-50	EN 60332-3-51	EN 60332-3-52	EN 60332-3-53	EN 60332-3-54	EN 60332-3-55	EN 60332-3-56	EN 60332-3-57	EN 60332-3-58	EN 60332-3-59	EN 60332-3-60	EN 60332-3-61	EN 60332-3-62	EN 60332-3-63	EN 60332-3-64	EN 60332-3-65	EN 60332-3-66	EN 60332-3-67	EN 60332-3-68	EN 60332-3-69	EN 60332-3-70	EN 60332-3-71	EN 60332-3-72	EN 60332-3-73	EN 60332-3-74	EN 60332-3-75	EN 60332-3-76	EN 60332-3-77	EN 60332-3-78	EN 60332-3-79	EN 60332-3-80	EN 60332-3-81	EN 60332-3-82	EN 60332-3-83	EN 60332-3-84	EN 60332-3-85	EN 60332-3-86	EN 60332-3-87	EN 60332-3-88	EN 60332-3-89	EN 60332-3-90	EN 60332-3-91	EN 60332-3-92	EN 60332-3-93	EN 60332-3-94	EN 60332-3-95	EN 60332-3-96	EN 60332-3-97	EN 60332-3-98	EN 60332-3-99	EN 60332-3-100	EN 60332-3-101	EN 60332-3-102	EN 60332-3-103	EN 60332-3-104	EN 60332-3-105	EN 60332-3-106	EN 60332-3-107	EN 60332-3-108	EN 60332-3-109	EN 60332-3-110	EN 60332-3-111	EN 60332-3-112	EN 60332-3-113	EN 60332-3-114	EN 60332-3-115	EN 60332-3-116	EN 60332-3-117	EN 60332-3-118	EN 60332-3-119	EN 60332-3-120	EN 60332-3-121	EN 60332-3-122	EN 60332-3-123	EN 60332-3-124	EN 60332-3-125	EN 60332-3-126	EN 60332-3-127	EN 60332-3-128	EN 60332-3-129	EN 60332-3-130	EN 60332-3-131	EN 60332-3-132	EN 60332-3-133	EN 60332-3-134	EN 60332-3-135	EN 60332-3-136	EN 60332-3-137	EN 60332-3-138	EN 60332-3-139	EN 60332-3-140	EN 60332-3-141	EN 60332-3-142	EN 60332-3-143	EN 60332-3-144	EN 60332-3-145	EN 60332-3-146	EN 60332-3-147	EN 60332-3-148	EN 60332-3-149	EN 60332-3-150	EN 60332-3-151	EN 60332-3-152	EN 60332-3-153	EN 60332-3-154	EN 60332-3-155	EN 60332-3-156	EN 60332-3-157	EN 60332-3-158	EN 60332-3-159	EN 60332-3-160	EN 60332-3-161	EN 60332-3-162	EN 60332-3-163	EN 60332-3-164	EN 60332-3-165	EN 60332-3-166	EN 60332-3-167	EN 60332-3-168	EN 60332-3-169	EN 60332-3-170	EN 60332-3-171	EN 60332-3-172	EN 60332-3-173	EN 60332-3-174	EN 60332-3-175	EN 60332-3-176	EN 60332-3-177	EN 60332-3-178	EN 60332-3-179	EN 60332-3-180	EN 60332-3-181	EN 60332-3-182	EN 60332-3-183	EN 60332-3-184	EN 60332-3-185	EN 60332-3-186	EN 60332-3-187	EN 60332-3-188	EN 60332-3-189	EN 60332-3-190	EN 60332-3-191	EN 60332-3-192	EN 60332-3-193	EN 60332-3-194	EN 60332-3-195	EN 60332-3-196	EN 60332-3-197	EN 60332-3-198	EN 60332-3-199	EN 60332-3-200	EN 60332-3-201	EN 60332-3-202	EN 60332-3-203	EN 60332-3-204	EN 60332-3-205	EN 60332-3-206	EN 60332-3-207	EN 60332-3-208	EN 60332-3-209	EN 60332-3-210	EN 60332-3-211	EN 60332-3-212	EN 60332-3-213	EN 60332-3-214</
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– For Guarantee see www.ledvance.com/guarantee

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.