

# TRICCO

## In-Track Driver





## GR6d in-Track Driver 50 W 350 - 1050 mA with DALI-2 option

GR6d in-Track 50 W 350 - 1050 mA Driver  
for 3-phase tracks according to EN 60570 in  
combination with linear GR6d lamps L120, L150  
according to ZHAGA Book 14 as well as L90

Compatible 3-phase tracks see page 5

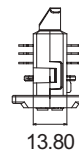
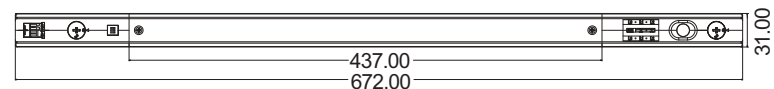
GR6d lampholder with push in & push out system  
Phase selection L1, L2 and L3 possible when  
installed

Output current adjustable between 350 - 1050 mA  
via dip-switch

Coding in the lampholder:

- 3: 700 mA
- 4: 1050 mA
- 15: free coding

- Hot-plug capable
- Overtemperature protection
- Overload protection
- Short-circuit protection
- Open-circuit protection
- Protection against burst voltages: 2 kV
- Protection against surge voltages: 1 kV (L - N)
- Protective insulation (SELV)
- Protection class: I
- OP class: IP20



Length: 672 mm

Housing: PC / aluminium

Colours: White and black, grey on request

optional DALI-2 DT6 for 3-phase tracks from  
Global, Powergear, Stucchi and Unipro

DALI-2 version complies with parts

251 Luminaire data

252 Energy report

253 Diagnosis & maintenance.

DALI-2 DT6 version for 3-phase tracks from Eutrac  
on request

Bluetooth version on request

Necessary accessories:

GR6d retaining element for 3-phase tracks  
with locking mechanism, see page 5.

## Technical data

---

	On-off	DALI-2 (DT6)
<b>General data</b>		
Dimensions	672.00 x 31.00 x 31.50 mm	
Weight	280 g	290 g
Protection class	I	
IP class	IP20	

---

### Input

Mains voltage range	220 - 240 V
AC voltage range	198 - 264 V
Mains frequency	0 / 50 / 60 Hz
Overvoltage resistance	320 V, 1h
Maximum secondary power	50 W
Maximum power consumption	56 W
Power consumption in stand	< 0,5 W
Max. number per B16A	25 pcs

---

### Output

Output current range	350 - 1050 mA
adjustable output currents	350, 400, 500, 600, 700, 800, 900, 1050 mA
Output voltage range	20 - 48 V
Maximum output voltage	60 V
Output current tolerance	+/- 5 %
Output current ripple (<120Hz)	+/- 3 %
Output PstLM	< 1
Output SVM	< 0,4

---

---

Performance	On-off	DALI-2 (DT6)
Efficiency (full load)@35W@50W	88 %	
Power factor (full load)	0,95	
Power factor (non load)	0,13	
P no @50W	0.47W	
P net @50W	/	0.3W
THD (full load)	< 10 %	
Switching cycles	> 50.000	
Lifetime @Tmax 25°C	> 50.000 h	
Maximum ambient temperature	40° C	
Glow wire test	750° C	

---

### Dimming

Dimming standard	DALI-2
Dimming method	AM
Dimming range	1-100 %

---

# Order data

---

Type	Description	Item number white / balck
On-off	GR6d-15 in-Track Driver 50W 350-1050 mA	T08A50N / White T08A50N / Black
DALI-2 (DT6)	GR6d-15 in-Track Driver 50W 350-1050 mA DALI-2	T08A50D / White T08A50D / Black

---

---

Weight: 280 resp. 290g/ piece  
Packaging: 20 pieces / outer box  
outer box size:69x40x13cm  
G.W./box:7.5kg

## Standards

Safety:

EN 61347-1, EN 61347-2-13

EMC:

EN 55015, EN 61000-3-2, EN 61000-3-3,  
EN 61547

Performance:

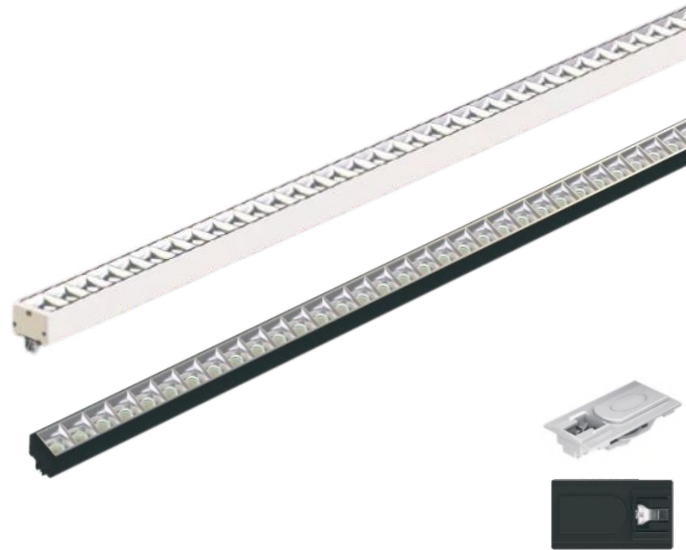
EN 62384

GR6d lampholder:

EN 60061-1, EN 60838-1

DALI:

EN 62386 DALI-2 DT6



## Compatible 3-phase tracks

On-off:

Nordic Aluminium (GLOBAL Track Pro XTS 4xxx /

XTSF 4xxx),

Eutrac (25-XX-XX / 26-XX-XX),

Erco (783...),

Ivela (7501 / 7511 / 7512),

Powergear (PRO-0610),

Stucchi (One track),

Unipro (T32W / T32FW),

Zumtobel (S280...).

DALI-2:

Nordic Aluminium (GLOBAL Trac Pulse XTSC 6xxx /

XTSCF 6xxx),

Powergear (PRO-0610),

Stucchi (One track),

Unipro (T32W / T32FW).

## Compatible lamps

0.9m,1.2m,1.5m Gr6d module

## Required accessories

Universal GR6d counter holder for 3-phase tracks  
with locking mechanism

54 x 29,8 x 12,7 mm

For 1.5M Gr6d led module

Power	Irated Current	1	2	3
54W	1050mA	—	—	—
43W	900mA	ON	—	—
38W	800mA	—	ON	—
34W	700mA	ON	ON	—
29W	600mA	—	—	ON
24W	500mA	ON	—	ON
19W	400mA	—	ON	ON
17W	350mA	ON	ON	ON

Before use,always check dipswitch settings

For 1.2M Gr6d led module

Power	Irated Current	1	2	3
Not recommended for this module	1050mA	—	—	—
	900mA	ON	—	—
38W	800mA	—	ON	—
34W	700mA	ON	ON	—
29W	600mA	—	—	ON
24W	500mA	ON	—	ON
19W	400mA	—	ON	ON
17W	350mA	ON	ON	ON

Before use,always check dipswitch settings

For 0.9M Gr6d led module

Power	Irated Current	1	2	3
Not recommended for this module	1050mA	—	—	—
	900mA	ON	—	—
	800mA	—	ON	—
	700mA	ON	ON	—
29W	600mA	—	—	ON
24W	500mA	ON	—	ON
19W	400mA	—	ON	ON
17W	350mA	ON	ON	ON

Before use,always check dipswitch settings