

TALEX LED

# TALEX(engine DLE



















## Compact system solution for downlights

The market-tested and extremely reliable TALEX(module DLE portfolio is being further expanded. The compact system solutions for your downlights are being updated in terms of efficiency and application.

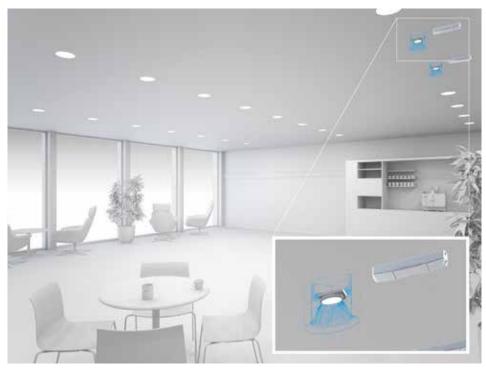
The latest generation of EXCITE TALEX/module offers improved colour rendering of CRI > 90 for perfect presentation of merchandise at the point of sale. The housing dimensions are identical to those of the ADVANCED series. By using the same narrow and successful housing it is possible for a luminaire to have high colour rendering by simply replacing the LED modules.

### **Overview Portfolio**





## **Typical Applications**









### TALEX(module DLE ADVANCED







TALEX(module	Housing	Colour tempera- ture	Typ. luminous flux <sup>1)</sup>		Typ. power consumption <sup>1)</sup>		Module	Size	Order No.
			HE	BLO <sup>2)</sup> /HO	HE	BLO <sup>2)</sup> /HO	efficacy <sup>3)</sup>	0.20	Order No.
DLE G3 65mm 2000lm 830 R ADV	no	3,000K	1,260 lm	2,300 lm	8.8W	17.6W	143 lm/W	78x78mm	89602107
DLE G3 65mm 2000lm 840 R ADV	no	4,000 K	1,290 lm	2,340 lm	8.3W	16.3W	155 lm/W	78x78mm	89602108
DLE G3 65mm 3000lm 830 R ADV	no	3,000K	2,440 lm	3,450 lm	17.9W	27W	136lm/W	78x78mm	89602109
DLE G3 65mm 3000lm 840 R ADV	no	4,000 K	2,380 lm	3,490 lm	15.8W	24.7W	151 lm/W	78x78mm	89602110
DLE G3 65mm 2000lm 830 H ADV	yes	3,000K	1,100 lm	2,000 lm	8.8W	17.6W	125 lm/W	81.5x81.5mm	89602111
DLE G3 65mm 2000lm 840 H ADV	yes	4,000 K	1,100 lm	2,000 lm	8.3W	16.3W	133 lm/W	81.5x81.5mm	89602112
DLE G3 65mm 3000lm 830 H ADV	yes	3,000K	2,100 lm	3,000 lm	17.9W	27W	117 lm/W	81.5x81.5mm	89602113
DLE G3 65mm 3000lm 840 H ADV	yes	4,000 K	2,050 lm	3,000 lm	15.8W	24.7W	130 lm/W	81.5x81.5mm	89602114

<sup>17</sup>Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10% | 21 BLO = Best LED Operation | 31 Operating mode HE, tp = 65°C

## ▼ At a glance: TALEX(module DLE ADV

- \_\_ High module efficacy of up to 155 lm/W (tp = 65 °C)
- \_\_ Variable lumen packages for precise lighting planning (1,100 lm, 2,000 lm, 3,000 lm)
- \_\_ Excellent colour rendering (CRI > 80)
- \_\_ High reproducible colour quality with MacAdam 3
- \_\_ White diffuser for a neutral and uniform appearance
- \_\_ Wide choice of TALEX/driver: dimming or fixed-output in remote or built-in version, with built-in interfaces such as DALI and switchDIM
- \_\_ 5-year guarantee



## **TALEX(module DLE EXCITE**





TALEX(module	Housing	Colour tempera- ture	Typ. luminous flux <sup>1)</sup>		Typ. power consumption <sup>1)</sup>		Module	Size	Order No.
			HE	BLO <sup>2)</sup> /HO	HE	BLO <sup>2)</sup> /HO	efficacy <sup>3)</sup>	5,20	Order No.
DLE G3 65mm 2000lm 930 R EXC	no	3,000K	1,100 lm	2,000 lm	8.8W	17.2W	125 lm/W	78x78mm	89600574
DLE G3 65mm 2000lm 940 R EXC	no	4,000 K	1,090 lm	1,990 lm	8.2W	15.9W	133 lm/W	78x78mm	89600575
DLE G3 65mm 3000lm 930 R EXC	no	3,000K	2,130 lm	3,030 lm	17.6W	26.3W	121 lm/W	78x78mm	89600576
DLE G3 65mm 3000lm 940 R EXC	no	4,000 K	2,020 lm	2,980 lm	15.6W	24.1 W	129 lm/W	78x78mm	89600577
DLE G3 65mm 2000lm 930 H EXC	yes	3,000K	940 lm	1,720lm	8.8W	17.2W	107 lm/W	81.5x81.5mm	89600578
DLE G3 65mm 2000lm 940 H EXC	yes	4,000 K	940 lm	1,720lm	8.2W	15.9W	115 lm/W	81.5x81.5mm	89600579
DLE G3 65mm 3000lm 930 H EXC	yes	3,000K	1,830 lm	2,600 lm	17.6W	26.3W	104 lm/W	81.5x81.5mm	89600580
DLE G3 65mm 3000lm 940 H EXC	yes	4,000 K	1,740 lm	2,560 lm	15.6W	24.1 W	112 lm/W	81.5x81.5mm	89600599

<sup>1)</sup>Tolerance range for electrical and optical data: ±10% | 2) BLO = Best LED Operation | 3)Operating mode HE, tp = 65°C

## ▼ At a glance: TALEX/module DLE EXC

- \_\_ High module efficacy of up to  $133 \,\text{lm/W}$  (tp =  $65 \,^{\circ}\text{C}$ )
- \_\_ Variable lumen packages for precise lighting planning (1,100 lm, 2,000 lm, 3,000 lm)
- \_\_ Excellent colour rendering (CRI > 90)
- \_\_ High reproducible colour quality with MacAdam 3
- \_\_ White diffuser for a neutral and uniform appearance
- \_\_ Wide choice of TALEX/driver: dimming or fixed-output in remote or built-in version, with built-in interfaces such as DALI and switchDIM
- \_\_ 5-year guarantee

## Keeping the details in mind and the system in sight

Perfect solutions are based on reliable components, each of which work with high precision and efficiency. From LED modules and LED Drivers to emergency lighting and lighting control systems: Tridonic offers you a comprehensive, diverse range of products on a one-stop shop basis – to be individually combined, including complete solution packages for any application.

## The matching TALEX(driver

The matering is the starte	-					
TALEX/module	Order No.	TALEX(drive dimr		TALEXXdriver REMOTE non-dimming		
		LCAI 20 W 350-900mA ECO SR Order No. 28000123	LCAI 35 W 350-900mA ECO SR Order No. 28000125	LCI 20 W 350–900mA TOP SR Order No. 28000192	LCI 35W 350–900mA TOP SR Order No. 28000194	
TALEX(module DLE ADVANCED						
DLE G3 65mm 2000lm 830 R ADV	89602107	•		•		
DLE G3 65mm 2000lm 840 R ADV	89602108	•		•		
DLE G3 65mm 3000lm 830 R ADV	89602109	•	•	•	•	
DLE G3 65mm 3000lm 840 R ADV	89602110	•	•	•	•	
DLE G3 65mm 2000lm 830 H ADV	89602111	•		•		
DLE G3 65mm 2000lm 840 H ADV	89602112	•		•		
DLE G3 65mm 3000lm 830 H ADV	89602113	•	•	•		
DLE G3 65mm 3000lm 840 H ADV	89602114	•	•	•	•	
TALEX/module DLE EXCITE						
DLE G3 65mm 2000lm 930 R EXC	89600574	•		•		
DLE G3 65mm 2000lm 940 R EXC	89600575	•		•		
DLE G3 65mm 3000lm 930 R EXC	89600576	•	•	•	•	
DLE G3 65mm 3000lm 940 R EXC	89600577	•	•	•	•	
DLE G3 65mm 2000lm 930 H EXC	89600578	•		•		
DLE G3 65mm 2000lm 940 H EXC	89600579	•		•		
DLE G3 65mm 3000lm 930 H EXC	89600580	•	•	•	•	
DLE G3 65mm 3000lm 940 H EXC	89600599	•	•	•	•	

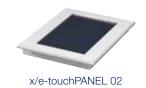
### **Matching accessories**

We offer you system solutions – in other words matching products from a single source. With regard to controllers, Tridonic offers a comprehensive range of DALI-compatible products. All the devices specified here support DALI Device Type 6 and therefore guarantee effective use of TALEX(engine DLE.

Product name	Order No.		
DALI MSensor 02	86459305		
DALI MSensor 5DPI 14f	86459657		
DALI MSensor 5DPI 14rc	86459658		
DALI XC	24034263		
DALI Touchpanel 02	28000022		
x/e-touchPANEL 02	28000005		
DALI PS2	24033444		
DALI USB	24138923		



DALI MSensor 02



► For more information and technical data on the entire TALEX product portfolio go to led.tridonic.com.



## Support and advice from a single source

We will help you to create lighting solutions that are unbeatable in terms of economy and functionality, according to the slogan: We devote all our energy to your light.









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TALEX(engine CLE Integrated











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As an international company, Tridonic is represented worldwide by 30 branch offices and partners in 73 countries.



## Headquarters

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