

Light is OSRAM

15.06.2020

# OS-IN-2020-018 Update of Material Datasheets

**Objective** Correction of Material Datasheets

**Brands affected**

Advanced Power TOPLED, DISPLIX, Golden DRAGON, Mini TOPLED, Multi TOPLED, MULTILED, OSIRE, PointLED, Power SIDELED, Power TOPLED, Reflective Interruptor, SIDELED, SMARTLED, TOPLED

*Please refer to the detailed device list attached*

**Background** Correction of Material Datasheets after general review.

**Realization**

Current status

Material Data Sheet						
Brand	Advanced Power TOPLED®					
Date	2017-08-15					
Version	4.2					
Component	Material group	Substance	CAS # applicable	Average mass [%]	Sum [%]	Traces
Chip	metalloid	germanium	7440-56-4	0,6	0,6	
Protective Diode	metalloid	silicon	7440-21-3			X
Die attach	noble metal	silver	7440-22-4			X
Wires	noble metal	gold	7440-57-5	0,1	0,1	
Leadframe	other metal	copper	7440-50-8	43,3	43,4	
Leadframe	other metal	chromium	7440-47-3	0,1		
Leadframe Plating	other metal	nickel	7440-02-0	0,1	0,1	
Leadfinish	other metal	tin	7440-31-5	1,9	2,1	
Leadfinish	other metal	nickel	7440-02-0	0,2		
Encapsulation	polymer	polyphthalamide	27135-32-6	28,4	53,7	
	inorganic substa	glass fibre	65937-17-3	10,7		
	inorganic substa	titanium dioxide	13463-67-7	8,3		
	polymer	silicone resin	63148-62-9	6,3		
Sum in total:					100,0	
Weight range	0,040 g					
Fluctuation margin	+/- 13 %		X traces			

New status

Material Data Sheet						
Brand	Advanced Power TOPLED®					
Date	2020-05-06					
Version	5.1					
Component	Material group	Substance	CAS # applicable	Average mass [%]	Sum [%]	Traces
Chip	metalloid	germanium	7440-56-4	0,6	0,6	
Protective Diode	metalloid	silicon	7440-21-3			X
Die attach	noble metal	silver	7440-22-4			X
Wires	noble metal	gold	7440-57-5	0,1	0,1	
Leadframe	other metal	copper	7440-50-8	42,4 - 43,3	43,4	
Leadframe	other metal	iron	7439-89-6	0 - 1,0		
Leadframe	other metal	chromium	7440-47-3	0 - 0,1		
Leadframe Plating	other metal	nickel	7440-02-0	0,2	0,2	
Leadfinish	other metal	tin	7440-31-5	1,9	2,1	
Leadfinish	other metal	nickel	7440-02-0	0,2		
Encapsulation	polymer	polyphthalamide	27135-32-6	28,3	53,5	
	inorganic substa	glass fibre	65937-17-3	10,6		
	inorganic substa	titanium dioxide	13463-67-7	8,3		
	polymer	silicone resin	63148-62-9	6,3		
Sum in total:					100,0	
Weight range	0,400 g					
Fluctuation margin	+/- 13 %		X traces			

**Time Schedule** Updated datasheets available for Advanced Power TOPLED. Other brands will be updated till end of 2020.

**Assessment** No change in fit, form, function and reliability.

**Please direct your inquiry to your local Sales office.**

OSRAM Opto Semiconductors  
GmbH  
Head Office:  
Leibnizstrasse 4  
93055 Regensburg, Germany  
Phone +49 941 850-5  
Fax +49 941 850-1002  
www.osram-os.com



# Info Note - OS-IN-2020-018

## Update of Material Datasheets

Customer information package

# Info Note OS-IN-2020-016

## Update of Material Datasheets

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## Overview

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1. Affected Products	03-10

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# Customer Information

## Update of Material Datasheets

### List of affected products

Brand	Device
Advanced Power TOPLED	LA G6SP
	LA G6SP.01
	LR G6SP
	LR G6SP.01
	LS G6SP
	LS G6SP.01
	LUW GVCP
	LW G6CP
	LY G6SP
	LCW GKGP.EC
	LR G5AP
	DISPLIX
LRTB GRTG	
Golden DRAGON	LA W5SM
	LB W5SM
	LCW W5SM
	LCY W5SM
	LD W5SM
	LR W5SM
LT W5SM	

Brand	Device
Golden Dragon	LUW W5SM
	LW W5SM
	LY W5SM
Mini TOPLED	LA M676
	LA M67B
	LA M67F
	LB M673
	LCB M67C
	LCB M67S
	LCG M67S
	LCL M67S
	LCW MTSG
	LCW MVSG.EC
	LD MVSG
	LG M670
	LG M676
	LG M67K
	LO M670
LO M676	
LO M67F	

# Customer Information

## Update of Material Datasheets



### List of affected products

Brand	Device
Mini TOPLED	LO M67K
	LP M675
	LP M676
	LP M67K
	LS M670
	LS M67F
	LS M67K
	LT M673
	LT MTSG
	LT MVSG
	LW M673
	LW M67C
	LW MVSG
	LY M676
	LY M67F
	LY M67K
	SFH 4247

Brand	Device
Multi TOPLED	LAY T67B
	LAY T67F
	LSG T676
	LSG T67K
	LSY T676
	LSY T67B
	LYG T67K
	SFH 331
	SFH 7250
	SFH 7251
	SFH 7252
	LOG T77K
	LSG T77K

# Customer Information

## Update of Material Datasheets



### List of affected products

Brand	Device
MULTILED	LRT GFTM
	LRTB GVTG
	LRTB GVSG
	LTRB GFSF
	LYYY G6SF
OSIRE	LRTB GVSR
PointLED	LA P476
	LA P47B
	LA P47F
	LB P4SG
	LCB P473
	LG P47K
	LO P476
	LO P47F
	LO P47K
	LP P47F

Brand	Device
PointLED	LR P47F
	LS P476
	LS P47F
	LS P47K
	LT P4SG
	LT PWSG
	LW P473
	LW P4SG
	LY P476
	LY P47B
	LY P47F
LY P47K	
Power SIDELED	LA B6SP
	LR B6SP
	LS B6SP
	LY B6SP

# Customer Information

## Update of Material Datasheets



### List of affected products

Brand	Device
Power TOPLED	SFH 4278S
	SFH 4279S
	LA E63B
	LA E63F
	LA E65B
	LA E65F
	LA E65FP
	LB E63C
	LO E63B
	LS E63B
	LS E63F
	LS E65B
	LS E65F
	LT E63C
	LY E63B
	LY E63F
	LY E65B
	LY E65F
	SFH 4248
	SFH 4249

Brand	Device
Power TOPLED	SFH 4258
	SFH 4258S
	SFH 4259
	SFH 4259S
	LA E67B
	LA E67F
	LA E6SF
	LA ETSF
	LB E67C
	LB E6SG
	LCB E6SG
	LCP E6SC
	LO E67B
	LO E67F
	LO E6SF
	LP E675
	LR E67F
	LR E6SF
	LS E67B
	LS E67F

# Customer Information

## Update of Material Datasheets

### List of affected products

Brand	Device
Power TOPLED	LS E6SF
	LT E67C
	LT E6SG
	LW E67C
	LW E6SC
	LW E6SG
	LW ETSG
	LY E67B
	LY E67F
	LY E6SF
	LY ETSF
	SFH 4240
	SFH 4250
	SFH 4250S
Reflective Interruptor	SFH 3201
	SFH 9206
SIDELED	SFH 325
	SFH 325 FA
	SFH 325 FAG
	SFH 325G

Brand	Device	
SMARTLED	LA L296	
	LB L293	
	LG L29K	
	LO L296	
	LO L29K	
	LP L296	
	LS L296	
	LS L29K	
	LT L29S	
	LW L283	
	LW L28G	
	LY L296	
	LY L29K	
	SFH 3010	
	SFH 4050	
	SFH 2270R	
	TOPLED	LB T64G
		LH T6MF
LO T66F		
LR T64F		



# Customer Information

## Update of Material Datasheets



### List of affected products

Brand	Device
TOPLED	LR T66F
	LT T64G
	LT T66G
	LV T64G
	LY T64F
	LY T66F
	SFH 4257
	SFH 4257R
	LB T66G
	LO T64F
	LA T68B
	LCY TWTG
	LR T68F
	LW TWTG.BB
	LY T686
	LY T68B
	LY T68F
	CUW JASP
	SFH 2200
	SFH 2200 A01

Brand	Device
TOPLED	SFH 2200D
	SFH 2200FA
	SFH 2200FA A01
	SFH 2201
	SFH 2240
	SFH 2240D
	LG T656
	LP T655
	SFH 3219
	LA T67D
	LA T67F
	LB T673
	LB T67C
	LB TTSD
	LCB T67S
	LCB TTSD
	LG T670
	LG T671
	LG T676
	LG T679

# Customer Information

## Update of Material Datasheets



### List of affected products

Brand	Device
TOPLED	LG T67F
	LG T67K
	LH T674
	LO T670
	LO T67D
	LO T67F
	LO T67K
	LP T670
	LP T675
	LP T676
	LP T67F
	LP T67K
	LR T67D
	LR T67F
	LS T670
	LS T676
	LS T679
	LS T67B
	LS T67D
	LS T67F

Brand	Device
TOPLED	LS T67K
	LT T673
	LT T67C
	LT TTSD
	LV T6SG
	LW T673
	LW T67C
	LW T6SC
	LW T6SE
	LW T6SG
	LW T6SH.CB
	LW TTSD
	LY T670
	LY T676
	LY T679
	LY T67D
	LY T67F
	LY T67K
	SFH 320
	SFH 320 FA

# Customer Information

## Update of Material Datasheets



### List of affected products

Brand	Device
TOPLED	SFH 320 FAG
	SFH 320G
	SFH 4243
	SFH 4253
	SFH 4253R
	ZP T676
	ZS T676
	ZY T676
	LA T776
	LG T770
	LO T770
	LO T776
	LO T77K
	LP T770
	LP T776
	LS T776
	LS T77K
	LW T773
	LY T776
	LY T77K

Brand	Device
TOPLED	SFH 3211 FA
	SFH 3211G

**Thank you.**