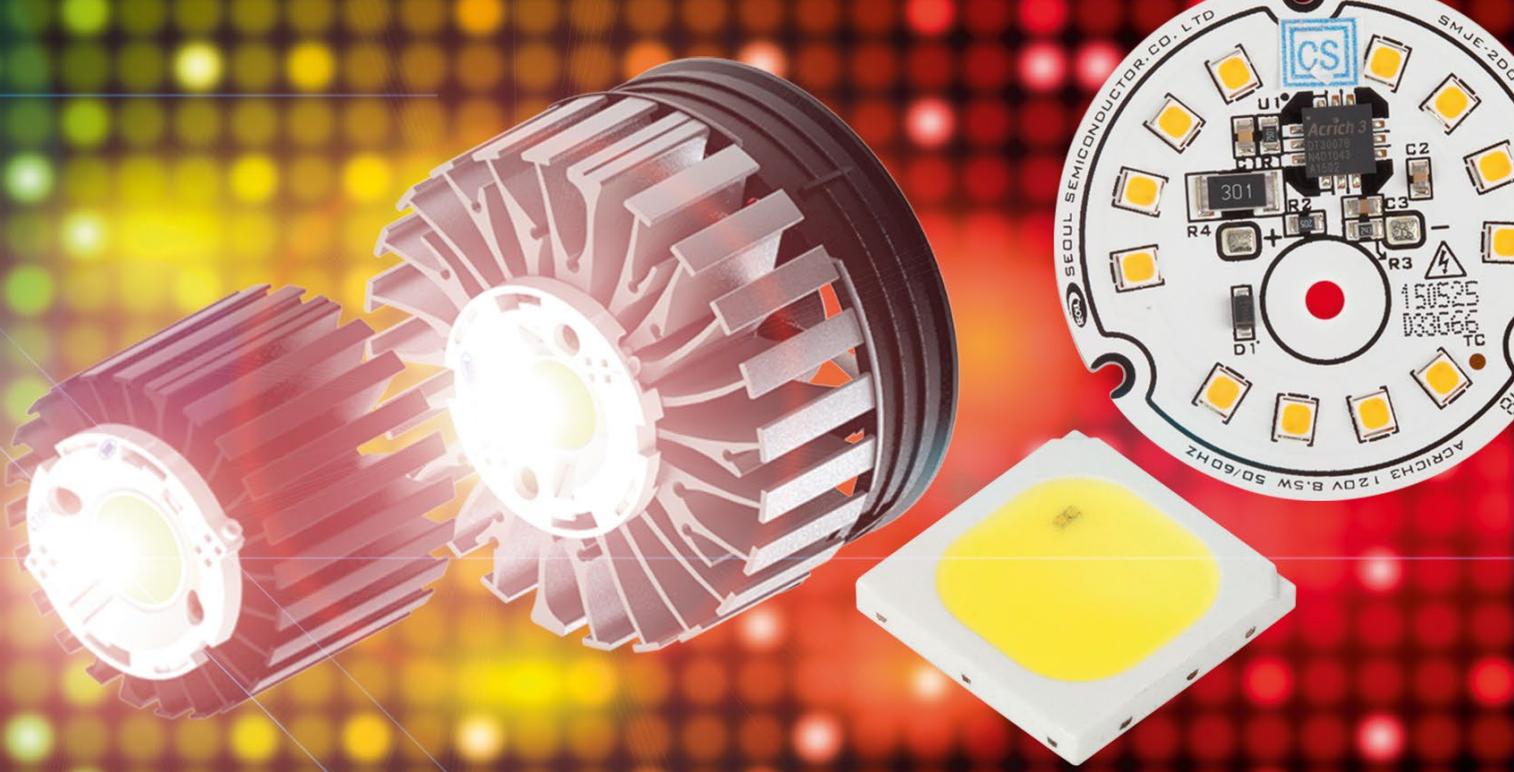




**SEA**

ІННОВАЦІЇ ТА  
ЕФЕКТИВНІСТЬ

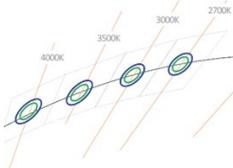
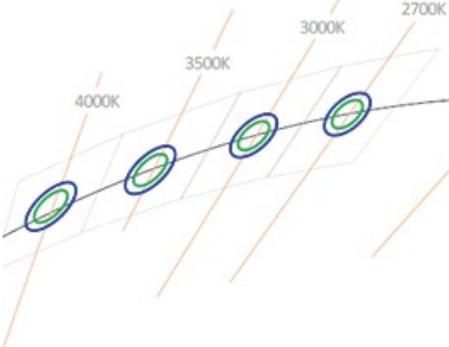


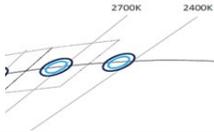
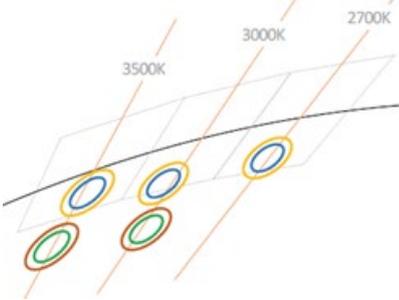
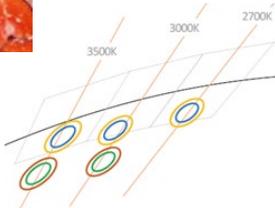
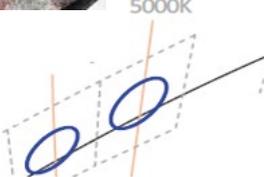
КАТАЛОГ

# Світлодіоди та світлодіодні модулі

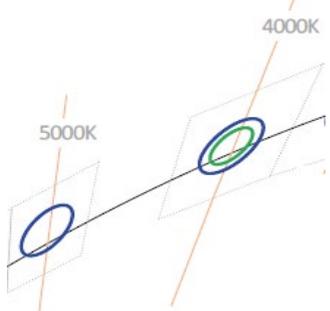
[sea.com.ua](http://sea.com.ua)

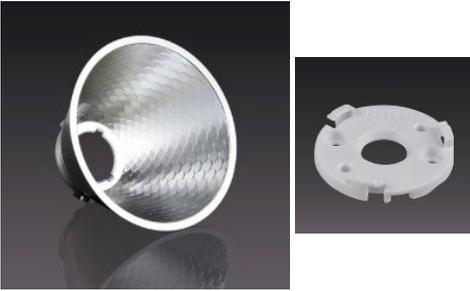
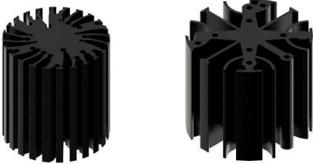
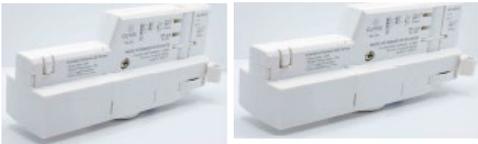
Орієнтуючись на нові тенденції і зростаючий попит, Компанія СЕА постачає на ринок України широкий спектр сучасного LED обладнання та аксесуарів для побудови систем освітлення, інформування, цифрових табло і інших додатків, де використовуються LED технології. Завдяки впровадженню гнучкої модульної системи комплектації і наявності товарів на складі, є можливість підібрати оптимальне рішення з необхідними характеристиками за конкурентною ціною для реалізації будь-яких поставлених завдань.

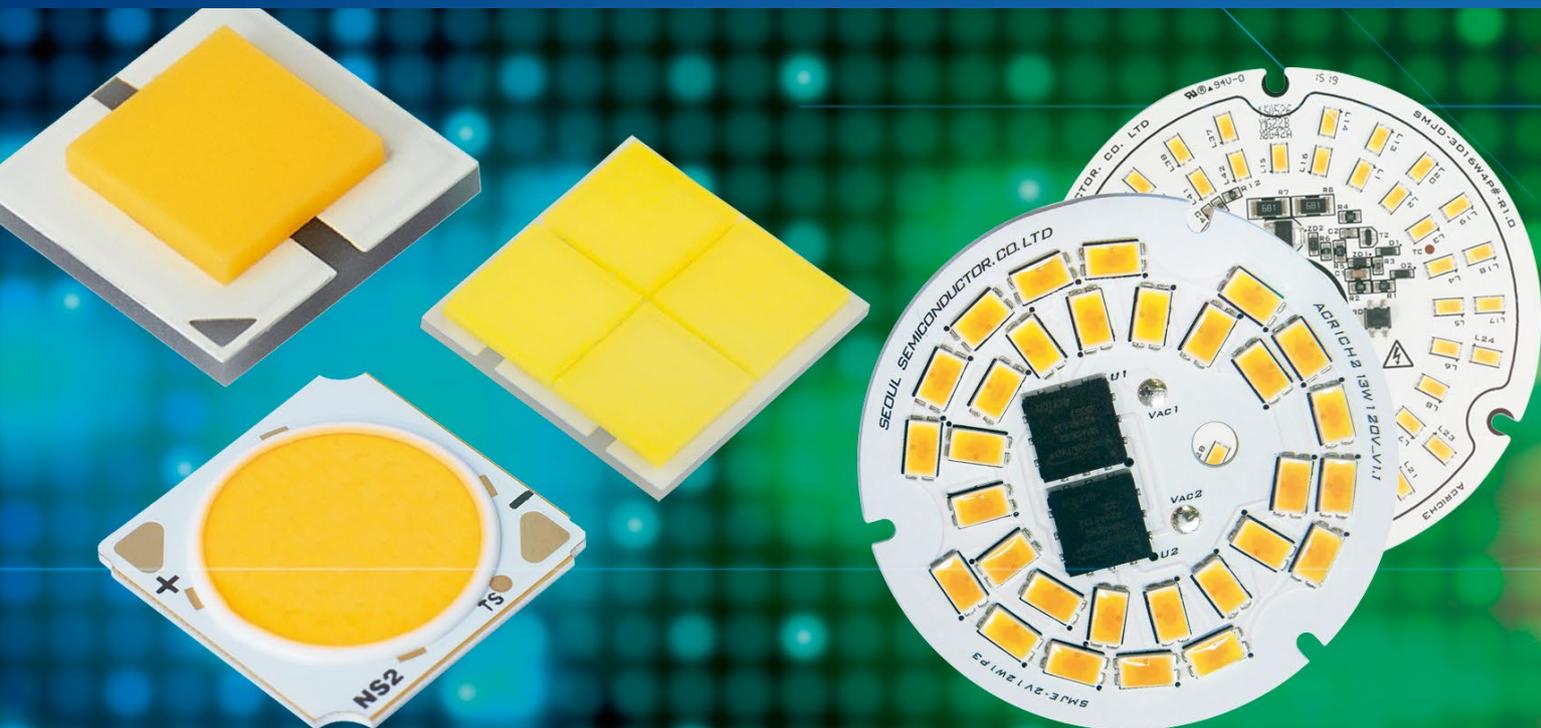
Application / Arrangement in the chromatic structure	Short description	Partnumber	Characteristic
 	12W / 3000K / CRI90	CXM-9-30-90-36-AC40-F5-3	12W G4 / 3000K(=WW) / 1570lm×360mA@33,5V (at Tj=85C) / Max=1,1A×41,9W / CRI=90 / 120deg. / 13,5×13,5mm (LES=9,8mm)
	12W / 3500K / CRI90	CXM-9-35-90-36-AC40-F5-3	12W G4 / 3500K(=WW) / 1600lm×360mA@33,5V (at Tj=85C) / Max=1,1A×41,9W / CRI=90 / 120deg. / 13,5×13,5mm (LES=9,8mm)
	12W / 4000K / CRI90	CXM-9-40-90-36-AC40-F5-3	12W G4 / 4000K(=NW) / 1650lm×360mA@33,5V (at Tj=85C) / Max=1,1A×41,9W / CRI=90 / 120deg. / 13,5×13,5mm (LES=9,8mm)
	12W / 5000K / CRI90	CXM-9-50-90-36-AC40-F5-3	12W G4 / 5000K(=CW) / 1725lm×360mA×33,5V (at Tj=85C) / Max=1,1A×41,9W / CRI=90 / 120deg. / 13,5×13,5mm (LES=9,8mm)
 	18W / 3000K / CRI90	CIM-14-30-90-36-AC40-F5-3	18W G4 / 3000K(=WW) / 2070lm×450mA×33,5V (at Tj=85C) / Max=1,3A×49,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
	18W / 3500K / CRI90	CIM-14-35-90-36-AC40-F5-3	18W G4 / 3500K(=WW) / 2110lm×450mA×33,5V (at Tj=85C) / Max=1,3A×49,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
	18W / 4000K / CRI80	CIM-14-40-80-36-AC40-F5-3	18W G4 / 4000K(=NW) / 2500lm×450mA×33,5V (at Tj=85C) / Max=1,3A×49,3W / CRI=80 / 120deg. / 19×19mm (LES=14,5mm)
	24W / 3000K / CRI90	CXM-14-30-90-36-AC40-F5-3	24W G4 / 3000K(=WW) / 3200lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
	24W / 3500K / CRI90	CXM-14-35-90-36-AC40-F5-3	24W G4 / 3500K(=WW) / 3265lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
	24W / 4000K / CRI80	CXM-14-40-80-36-AC40-F5-3	24W G4 / 4000K(=NW) / 3865lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=80 / 120deg. / 19×19mm (LES=14,5mm)
	30W / 3000K / CRI90	CGM-14-30-90-36-AC40-F5-3	30W G4 / 3000K(=WW) / 4080lm×900mA×33,5V (at Tj=85C) / Max=2,3A×86,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
	30W / 3500K / CRI90	CGM-14-35-90-36-AC40-F5-3	30W G4 / 3500K(=WW) / 4160lm×900mA×33,5V (at Tj=85C) / Max=2,3A×86,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
 	24W / 1800K / meat pink	CXM-14-18-70-36-AC48-F5-3	24W G4 / 1800K(=red meat c.) / 1760lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=70 / 120deg. / 19×19mm (LES=14,5mm)
	40W / 1800K / meat pink	CLM-22-18-70-36-AC48-F5-3	40W G4 / 1800K(=red meat c.) / 2645lm×1050mA×33,5V (at Tj=85C) / Max=3,5A×131,3W / CRI=70 / 120deg. / 28×28mm (LES=22,0mm)
	24W / 3000K / meat vivid	CXM-14-30-70-36-AC48-F5-3	24W G4 / 3000K(=marbled meat c.) / 2350lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=70 / 120deg. / 19×19mm (LES=14,5mm)
	24W / 3000K / meat vivid	CLM-22-30-70-36-AC48-F5-3	40W G4 / 3000K(=marbled meat c.) / 3525lm×1050mA×33,5V (at Tj=85C) / Max=3,5A×131,3W / CRI=70 / 120deg. / 28×28mm (LES=22,0mm)

Application / Arrangement in the chromatic structure	Short description	Partnumber	Characteristic
 	24W / 2400K / bake  24W / 2700K / bread  40W / 2700K / bread	CXM-14-24-90-36- AC40-F5-3  CXM-14-27-90-36- AC40-F5-3  CIM-22-27-90-36- AC40-F5-3	24W G4 / 2400K(=bread c.) / 2405lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)  24W G4 / 2700K(=bread c.) / 3065lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)  40W G4 / 2700K(=bread c.) / 4370lm×990mA×33,3V (at Tj=85C) / Max=3,0A×112,5W / CRI=80 / 120deg. / 28×28mm (LES=22,0mm)
 	24W / 3000K / CRI90 / produce  30W / 3000K / CRI90 / produce  24W / 3500K / CRI90 / produce  30W / 3500K / CRI90 / produce	CXM-14-30-90-36- AC44-F5-3  CGM-14-30-90-36 -AC44-F5-3  CXM-14-35-90-36- AC44-F5-3  CGM-14-35-90-36- AC44-F5-3	24W G4 Xtreme Sensus / 3000K,BBL(=produce,vegetables,fruits c.) / 2995lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)  30W G4 Xtreme Sensus / 3000K,BBL(=produce,vegetables,fruits c.) / 3600lm×900mA×34,4V (at Tj=85C) / Max=2,3A×86,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)  24W G4 Xtreme Sensus / 3500K,BBL(=produce,vegetables,fruits c.) / 3100lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)  30W G4 Xtreme Sensus / 3500K,BBL(=produce,vegetables,fruits c.) / 3725lm×900mA×34,4V (at Tj=85C) / Max=2,3A×86,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
 	24W / 3000K / CRI90 / cheese  30W / 3000K / CRI90 / cheese  24W / 3500K / CRI90 / red fish,seafood  30W / 3500K / CRI90 / red fish,seafood	CXM-14-30-90-36- AC42-F5-3  CGM-14-30-90-36 -AC42-F5-3  CXM-14-35-90-36- AC44-F5-3  CGM-14-35-90-36- AC44-F5-3	24W G4 Sensus / 3000K,BBL(=cheese) / 3265lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)  30W G4 Sensus / 3000K,BBL(=cheese) / 3930lm×900mA×34,4V (at Tj=85C) / Max=2,3A×86,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)  24W G4 Xtreme Sensus / 3500K,BBL(=red fish,seafood) / 3100lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)  30W G4 Xtreme Sensus / 3500K,BBL(=red fish,seafood) / 3725lm×900mA×34,4V (at Tj=85C) / Max=2,3A×86,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
 	18W / 5000K / CRI80  24W / 5000K / CRI80  30W / 5000K / CRI80	CIM-14-50-80-36- AC40-F5-3  CXM-14-50-80-36 -AC40-F5-3  CGM-14-50-80-36 -AC40-F5-3	18W G4 / 5000K(=CW,fish) / 2515lm×450mA×33,5V (at Tj=85C) / Max=1,3A×49,3W / CRI=80 / 120deg. / 19×19mm (LES=14,5mm)  24W G4 / 5000K(=CW,fish) / 3890lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=80 / 120deg. / 19×19mm (LES=14,5mm)  30W G4 / 5000K(=CW,fish) / 4955lm×900mA×33,5V (at Tj=85C) / Max=2,3A×86,3W / CRI=80 / 120deg. / 19×19mm (LES=14,5mm)

Application / Arrangement in the chromatic structure	Short description	Partnumber	Characteristic
	24W / HortiLum	CXM-14-HS-11-36-AC30-P1-3	24W / HortiLum (=HL) / 45mmol/s×720mA×34,0V (at Tj=85C) / Max=1440mA×54,0W / CRI=--- / 120deg. / 19×19mm (LES=14,5mm)
	60W / HortiLum	CXM-22-HS-11-54-AC30-P1-7	60W / HortiLum (=HL) / 105mmol/s×1100mA×51,5V (at Tj=85C) / Max=2,2A×125,0W / CRI=--- / 120deg. / 28×28mm (LES=22,0mm)
	24W / HortiLum White	CXM-14-HM-61-36-AC30-P1-3	24W / HortiLum White (=HLW) / 46mmol/s×720mA×34,0V (at Tj=85C) 0 / Max=1440mA×54,0W / CRI=--- / 120deg. / 19×19mm (LES=14,5mm)
	60W / HortiLum White	CXM-22-HM-61-54-AC30	60W / HortiLum White (=HLW) / 110mmol/s×1100mA×51,5V (at Tj=85C) / Max=2,2A×125,0W / CRI=--- / 120deg. / 38×38mm (LES=32,8mm)
	60W / HortiLum White	CXM-32-HM-61-54-AC30	120W / HortiLum White (=HLW) / 235mmol/s×2200mA×51,0V (at Tj=85C) / Max=4,4A×240,0W / CRI=--- / 120deg. / 38×38mm (LES=32,8mm)
	24W / 3000-3200K / CRI90 fashion	CXM-14-30-90-36-AC42-F5-3	24W G4 Sensus / 3000K,BBL(=fashion) / 3265lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
	30W / 3000-3200K / CRI90 fashion	CGM-14-30-90-36-AC42-F5-3	30W G4 Sensus / 3000K,BBL(=fashion) / 3930lm×900mA×34,4V (at Tj=85C) / Max=2,3A×86,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
	24W / 3500K / CRI90 fashion	CXM-14-35-90-36-AC42-F5-3	24W G4 Sensus / 3500K,BBL(=fashion) / 3395lm×720mA×33,5V (at Tj=85C) / Max=2,0A×75,6W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
	30W / 3500K / CRI90 fashion	CGM-14-35-90-36-AC42-F5-3	30W G4 Sensus / 3500K,BBL(=fashion) / 4085lm×900mA×34,4V (at Tj=85C) / Max=2,3A×86,3W / CRI=90 / 120deg. / 19×19mm (LES=14,5mm)
	24W / 3000-3200K / CRI97 Perfect white	CXM-14-30-90-36-PC32-F4-3	24W G4 Perfect White / 3100K,BBL(=perfect white) / 2310lm×720mA×34,0V (at Tj=85C) / Max=1080mA×38,0W / CRI=97 / 120deg. / 19×19mm (LES=14,5mm)
	40W / 3000-3200K / CRI97 Perfect white	CLM-22-30-90-36-PC32-F4-3	40W G4 Perfect White / 3100K(=perfect white) / 3685lm×1050mA×34,5V (at Tj=85C) / Max=1575mA×56,5W / CRI=70 / 120deg. / 28×28mm (LES=22,0mm)
	General / Aluminium / D45,7mm	1-0918-M	~17° (50%int) for 13,5×13,5mm COB / D45,0×H45,7mm / Aluminium
		1-0919-M	~24° (50%int) for 13,5×13,5mm COB / D45,0×H45,7mm / Aluminium
		1-0920-M	~34° (50%int) for 13,5×13,5mm COB / D45,0×H45,7mm / Aluminium
		92.70.124.00	holder wo electrical contacts
		99.02.73.171	holder with electrical contacts
		92.76.853.00	metal adapter for 99.02.73.171

Application / Arrangement in the chromatic structure	Short description	Partnumber	Characteristic
  	<p>40W / 4000K / CRI80</p> <p>40W / 5000K / CRI80</p> <p>60W / 4000K / CRI80</p> <p>60W / 5000K / CRI70</p> <p>80W / 4000K / CRI80</p> <p>80W / 5000K / CRI70</p> <p>120W / 4000K / CRI80</p> <p>120W / 5000K / CRI80</p>	<p>CIM-22-40-80-36-AC40-F5-3</p> <p>CIM-22-50-80-36-AC40-F5-3</p> <p>CXM-22-40-80-54-AC40-F5-3</p> <p>CXM-22-50-70-54-AC40-F5-3</p> <p>CGM-22-40-80-5-4-AC40-F5-3</p> <p>CGM-22-50-70-54-AC40-F5-3</p> <p>CXM-32-40-80-54-AC40-F5-3</p> <p>CXM-32-50-70-54-AC40-F5-3</p>	<p>40W G4 / 4000K(=NW) / 5785lm×990mA×33,3V (at Tj=85C) / Max=3,0A×112,5W / CRI=80 / 120deg. / 28×28mm (LES=22,0mm)</p> <p>40W G4 / 5000K(=CW) / 5855lm×990mA×33,3V (at Tj=85C) / Max=3,0A×112,5W / CRI=80 / 120deg. / 28×28mm (LES=22,0mm)</p> <p>60W G4 / 4000K(=NW) / 9155lm×1050mA×50,0V (at Tj=85C) / Max=3,5A×198,7W / CRI=80 / 120deg. / 28×28mm (LES=22,0mm)</p> <p>60W G4 / 5000K(=CW) / 9390lm×1050mA×50,0V (at Tj=85C) / Max=3,5A×198,7W / CRI=80 / 120deg. / 28×28mm (LES=22,0mm)</p> <p>80W G4 / 4000K(=NW) / 13560lm×1600mA×50,8V (at Tj=85C) / Max=4,0A×225,7W / CRI=80 / 120deg. / 28×28mm (LES=22,0mm)</p> <p>80W G4 / 5000K(=CW) / 13915lm×1600mA×50,8V (at Tj=85C) / Max=4,0A×225,7W / CRI=70 / 120deg. / 28×28mm (LES=22,0mm)</p> <p>120W G4 / 4000K(=CW) / 20505lm×2400mA×50,8V (at Tj=85C) / Max=5,0A×284,8W / CRI=80 / 120deg. / 38×38mm (LES=32,8mm)</p> <p>120W G4 / 5000K(=CW) / 21040lm×2400mA×50,8V (at Tj=85C) / Max=5,0A×284,8W / CRI=70 / 120deg. / 38×38mm (LES=32,8mm)</p>
 	<p>Alanod Miro 20 Silver / Aluminium / D75mm / 97% eff.</p>	<p>2-2262-M</p> <p>2-2263-M</p> <p>2-2264-M</p> <p>92.70.131.00</p>	<p>~17° (50%int) for 19x19mm COB / D75,0×H43,0mm / Aluminium</p> <p>~24° (50%int) for 19x19mm COB / D75,0×H43,0mm / Aluminium</p> <p>~36° (50%int) for 19x19mm COB / D75,0×H43,0mm / Aluminium</p> <p>holder wo electrical contacts</p> <p>holder with electrical contacts</p>
 	<p>General / Aluminium / D85mm</p>	<p>3-1548-A3</p> <p>3-1549-A3</p> <p>3-1550-A3</p> <p>99.02.73.172</p> <p>92.76.365.00</p>	<p>~17° (50%int) for 19x19mm COB / D85,0×H51,0mm / Aluminium</p> <p>~24° (50%int) for 19x19mm COB / D85,0×H51,0mm / Aluminium</p> <p>~44° (50%int) for 19x19mm COB / D85,0×H51,0mm / Aluminium</p> <p>holder with electrical contacts</p> <p>metal adapter for 99.02.73.172</p>
 	<p>Alanod Miro 20 Silver / Aluminium / D85mm / 97% eff.</p>	<p>3-2545-M</p> <p>3-2546-M</p> <p>3-2547-M</p> <p>92.70.131.00</p>	<p>~17° (50%int) for 19x19mm COB / D85,0×H51,0mm / Aluminium</p> <p>~24° (50%int) for 19x19mm COB / D85,0×H51,0mm / Aluminium</p> <p>~36° (50%int) for 19x19mm COB / D85,0×H51,0mm / Aluminium</p> <p>holder wo electrical contacts</p> <p>holder with electrical contacts</p>

Application / Arrangement in the chromatic structure	Short description	Partnumber	Characteristic
	BF Scale / Aluminium / D85mm	3-2322-M 3-2324-M 3-2326-M 3-2328-M 92.70.131.00	~17° (50%int) for 19x19mm COB / D85,0xH51,5mm / Aluminium ~24° (50%int) for 19x19mm COB / D85,0xH51,5mm / Aluminium ~36° (50%int) for 19x19mm COB / D85,0xH51,5mm / Aluminium ~57° (50%int) for 19x19mm COB / D85,0xH51,5mm / Aluminium holder wo electric contacts holder with electrical contacts
	Power electrical=14W  Power electrical=15W	ModuLED Pico 4750-B  CoolStar Black 4740	Power electrical Pe=15,0W / Rth=5,00°C-W / D47,0xH40,0mm / Black / W=0,086kg / Heatsink for COB 13,5x13,5mm  Power electrical Pe=15W / Rth=5,00°C-W / D47,0xH40,0mm / Black / W=0,086kg / Heatsink for COB 13,5x13,5mm
	Power electrical = 40W  Power electrical = 35W	ModuLED Micro 8630-B  CoolStar Black 8630	Power electrical Pe=41,0W / Rth=1,80°C-W / D86,0xH30,0mm / Black / 0,17kg / Heatsink for COB 19x19mm, 28x28mm  Power electrical Pe=35,0W / Rth=2,08°C-W / D86,0xH30,0mm / Black / W=0,177kg / Heatsink for COB 19x19mm: 28x28mm
 <p>30W (119 x 50 x 32 mm)      40W (145 x 50 x 32 mm)</p>	In-Track / 13,5-30,4W  In-Track / 27,0-40,0W	DIT-END030/1-PC800-38  DIT-END040/1-PC1K1-38	AC/DC / 30W In-Track / Vin: 198-264VAC / Vout: 450-800mA x 30-38V x 13,5-30,4W / L119,0xW50,0xH32,0mm / -20...+40C / IP20 / Io=multiple of 50mA / PF>0,9 / Eff.=88% / THD<15% / Flicker<3% / Black  AC/DC / 40W In-Track / Vin: 198-264VAC / Vout: 900-1050mA x 30-38V x 27,0-40,0W / L145,0xW50,0xH32,0mm / -20...+40C / IP20 / Io=multiple of 50mA / PF>0,9 / Eff.=89% / THD<10% / Flicker<3% / Black
 <p>30W (80 x 33 x 18.7 mm)      40W (107 x 33.5 x 21 mm)</p>	In-Track / 13,5-30,4W  In-Track / 27,0-40,0W	DRP-END030/1-PC800-38  DRP-END040/1-PC1K1-38	AC/DC / 30W Rectangular / Vin: 198-264VAC / Vout: 450-800mA x 30-38V x 13,5-30,4W / L80,0(95,0)xW33,0xH18,7mm / -20...+40C / IP20 / Io=multiple of 50mA / PF>0,9 / Eff.=88% / THD<15% / Flicker<3%  AC/DC / 40W Rectangular / Vin: 198-264VAC / Vout: 900-1050mA x 30-38V x 27,0-40,0W / L107,0(121,1)xW33,5xH21,0mm / -20...+40C / IP20 / Io=multiple of 50mA / PF>0,9 / Eff.=89% / THD<10% / Flicker<3%
 <p>17 / 30W (50.5 x 43.8 x 23 mm)</p>	Square / 8,3-17,1W  Square / 13,5-30,4W	DSP-END017/1-PC450-38  DSP-END030/1-PC800-38	AC/DC / 17W Square / Vin: 198-264VAC / Vout: 275-450mA x 30-38V x 8,3-17,1W / L50,5(65,3)xW43,8xH23,0mm / -20...+40C / IP20 / Io=multiple of 15mA / PF>0,9 / Eff.=88% / THD<45% / Flicker<3%  AC/DC / 30W Square / Vin: 198-264VAC / Vout: 450-800mA x 30-38V x 13,5-30,4W / L50,5(65,3)xW43,8xH23,0mm / -20...+40C / IP20 / Io=multiple of 50mA / PF>0,9 / Eff.=89% / THD<10% / Flicker<3%
 <p>17 / 30W (Ø 54.2 x 22.5 mm)</p>	Round / 8,3-17,1W  Round / 13,5-30,4W	DCP-END017/1-PC450-38  DCP-END030/1-PC800-38	AC/DC / 17W Round / Vin: 198-264VAC / Vout: 275-450mA x 30-38V x 8,3-17,1W / D47,2(54,5)xH22,5mm / -20...+40C / IP20 / Io=multiple of 15mA / PF>0,9 / Eff.=85% / THD<45% / Flicker<3%  AC/DC / 30W Round / Vin: 198-264VAC / Vout: 450-800mA x 30-38V x 13,5-30,4W / D47,2(54,5)xH22,5mm / -20...+40C / IP20 / Io=multiple of 50mA / PF>0,9 / Eff.=88% / THD<15% / Flicker<3%



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