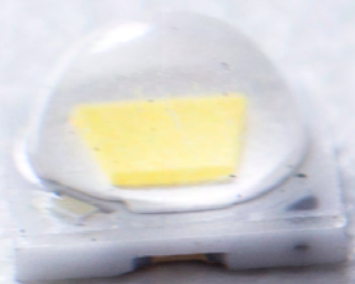




Sparking Innovation



LED SOLUTIONS



LIGHTING

FOR DECORATIVE
INDUSTRIAL
STREET LIGHTING
COMMERCIAL
HORTICULTURE
REFRIGERATION
AUTOMOTIVE
SPECIAL PROJECTS.



BRAZIL

Audax Electronics LTDA
São Bernardo do Campo - SP



USA

Audax Electronics Inc.
Denver - CO



Audax Eletronics is ISO 9001 certified, a recognition of our standardized process and quality control management system.



ETL Certification
UL 8750

AUDAX ELECTRONICS

AUDAX Electronics is a Brazilian company established in 2012, focused on development of solid state lighting solutions (LEDs).

We continually enrich our product portfolio with state of the art LED solutions, enabling our customers to rapidly develop and deploy new fixtures with the latest technology.

We believe in each customer's unique needs. For this reason we count on our team's experience to deliver the right project.

EXPERTISE

With our background and experience in the lighting industry we are able to create and offer customized products.

INNOVATION

We invest in research, development and use of the latest technologies, leading us to innovative solutions.

ENVIRONMENT

We develop products focused on conservation of energy resources.



Audax Electronics products can be found at its authorized distributor, CDI (led.cdiweb.com).

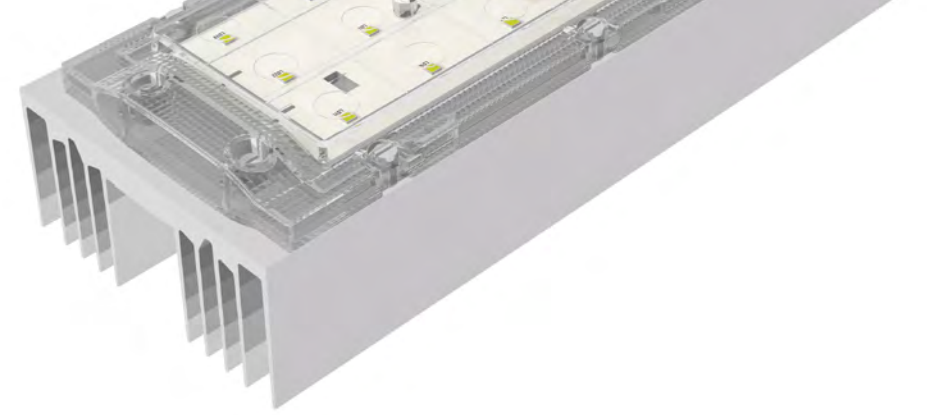


Component Distributors, Inc. (CDI) is a value added distributor of electronic components, specializing in high performance LED, power, wireless and sensor technologies. CDI distributes globally and provides local customer service and application support across the Americas. CDI delivers cutting edge LED lighting solutions by wrapping application support, development tools and design services around high performance products from industry leading manufacturers.



CUSTOM LED MODULES

PRODUCTION



PROTOTYPES

WE OFFER

-  No MOQ
-  Shipment in 2 weeks

YOU GET

-  Customized design
-  Rebate on high volume orders

SMALL VOLUME

WE OFFER

-  No MOQ
-  Shipment in 4 weeks

YOU GET

-  Customized design
-  Reduced inventory or pilot run lots

HIGH VOLUME

WE OFFER

-  Orders over 1,000pcs
-  Shipment in 4 weeks

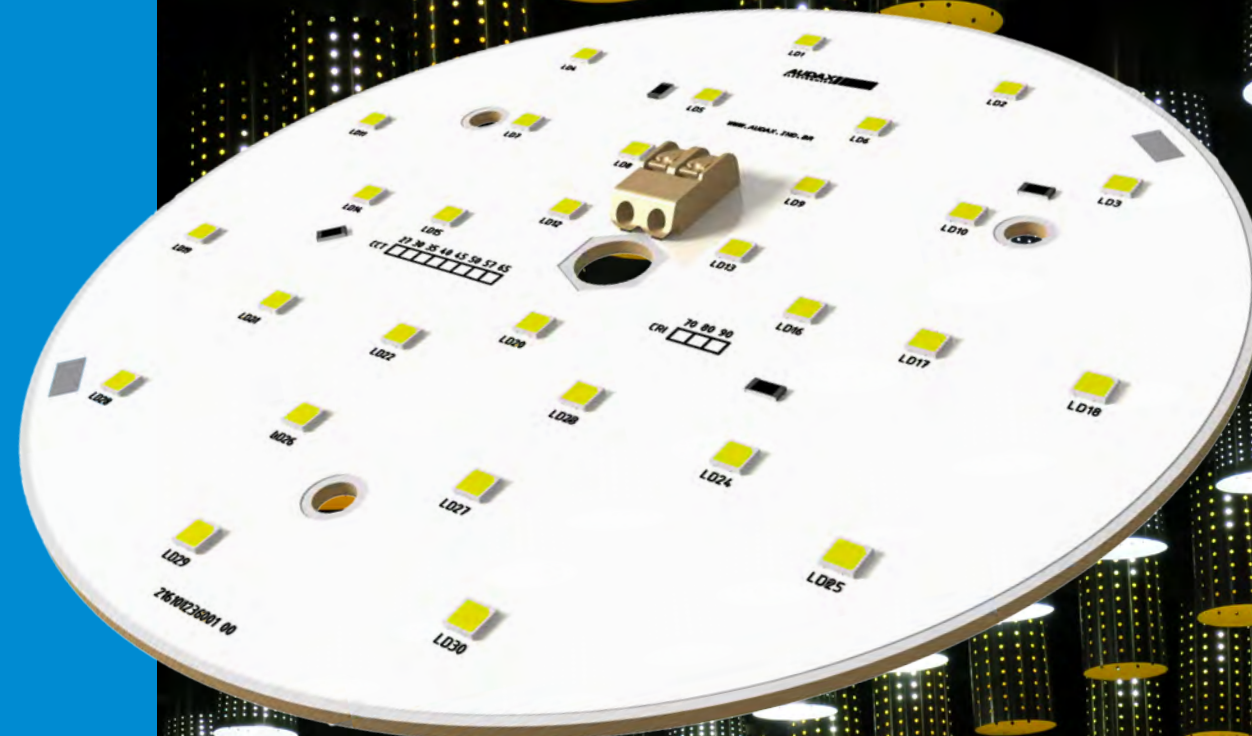
YOU GET

-  Customized design and competitiveness
-  Reduced inventory due to short lead time and lower risk of product obsolescence.

ASK US ABOUT SCHEDULED ORDERS BENEFITS!

ROUND

ROUND HIGH-POWER
ROUND FIT
ROUND FIT DLC
ROUND FIT DLC PREMIUM



HIGH EFFICACY FOR
INTERIOR APPLICATIONS



CRI>70



MODULE EFFICACY
UP TO 159lm/W*
*Tj=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Point lights
Downlights
Optical fiber

LIGHT ENGINE Ø22mm 01 LED



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80071900100	242	2.0	121	700	2.9	2,700K	80min	1
80072700100	297	2.0	149	700	2.9	4,000K	70min	1
80072300100	297	2.0	149	700	2.9	5,000K	70min	1

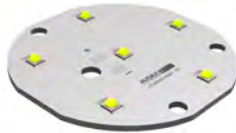
Driver: EBP003C0700SS

LIGHT ENGINE Ø44mm 03 LEDs



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80072000100	727	6.0	121	700	8.6	2,700K	80min	3
80072800100	891	6.0	149	700	8.6	4,000K	70min	3
80072400100	891	6.0	149	700	8.6	5,000K	70min	3

LIGHT ENGINE Ø60mm 06 LEDs



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80072100100	1,454	12.1	120	700	17.2	2,700K	80min	6
80072900100	1,782	12.1	147	700	17.2	4,000K	70min	6
80072500100	1,782	12.1	147	700	17.2	5,000K	70min	6

LIGHT ENGINE Ø120mm 09 LEDs



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80173500100	2,181	18.1	121	700	25.8	2,700K	80min	9
80173600100	2,673	18.1	148	700	25.8	4,000K	70min	9
80173700100	2,673	18.1	148	700	25.8	5,000K	70min	9

Driver: EIP021C0700L2

HIGH EFFICACY FOR
INTERIOR APPLICATIONS



CRI>70



MODULE EFFICACY
UP TO 159lm/W*
*Tj=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



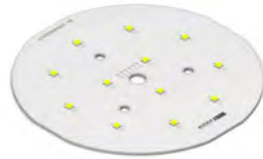
5 YEARS
WARRANTY



APPLICATIONS

Point lights
Downlights
Optical fiber

LIGHT ENGINE Ø120mm 12 LEDs



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80072200100	2,907	24.0	121	700	34.4	2,700K	80min	12
80073000100	3,563	24.0	148	700	34.4	4,000K	70min	12
80072600100	3,563	24.0	148	700	34.4	5,000K	70min	12

Driver: EWP030C0700LER

LIGHT ENGINE Ø120mm 15 LEDs



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80173800100	3,634	30.1	121	700	43.0	2,700K	80min	15
80173900100	4,454	30.1	148	700	43.0	4,000K	70min	15
80174000100	4,454	30.1	148	700	43.0	5,000K	70min	15

Driver: EWP030C0700LER

LIGHT ENGINE Ø28mm 01 LED 481



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80165100100	522	4.4	120	200	21.7	2,700K	80min	1
80165200100	621	4.4	143	200	21.7	4,000K	70min	1
80165300100	621	4.4	143	200	21.7	5,000K	70min	1

Driver: EIP008C0200LHS

LIGHT ENGINE Ø28mm 01 LED 484



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80165400100	738	6.3	117	200	31.5	2,700K	80min	1
80165500100	873	6.3	139	200	31.5	4,000K	70min	1
80165600100	873	6.3	139	200	31.5	5,000K	70min	1

Driver: EIP008C0200LHS

HIGH EFFICACY FOR
INTERIOR APPLICATIONS



CRI > 70



MODULE EFFICACY
UP TO 159lm/W*
*T_j=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Point lights
Downlights
Optical fiber

LIGHT ENGINE Ø28mm 01 LED 486



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80165700100	882	7.5	118	200	37.4	2,700K	80min	I
80165800100	1,017	7.5	136	200	37.4	4,000K	70min	I
80165900100	1,017	7.5	136	200	37.4	5,000K	70min	I

Driver: EIP008C0200LHS

LIGHT ENGINE Ø28mm 01 LED 488



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80166000100	1,026	8.8	117	200	44.0	2,700K	80min	I
80166100100	1,188	8.8	135	200	44.0	4,000K	70min	I
80166200100	1,188	8.8	135	200	44.0	5,000K	70min	I

LIGHT ENGINE Ø22mm 01 LED 144



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80166300100	997	8.0	125	700	11.4	2,700K	80min	I
80166400100	1,207	8.0	151	700	11.4	4,000K	70min	I
80166500100	1,232	8.0	154	700	11.4	5,000K	70min	I

LIGHT ENGINE Ø34mm 01 LED 144



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80166600100	997	8.0	125	700	11.4	2,700K	80min	I
80166700100	1,207	8.0	151	700	11.4	4,000K	70min	I
80166800100	1,232	8.0	154	700	11.4	5,000K	70min	I

HIGH EFFICACY FOR
INTERIOR APPLICATIONS



CRI > 70



MODULE EFFICACY
UP TO 159lm/W*
*T_j=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Point lights
Downlights
Optical fiber

LIGHT ENGINE Ø46mm 01 LED I44



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80166900100	997	8.0	125	700	11.4	2,700K	80min	1
80167000100	1,207	8.0	151	700	11.4	4,000K	70min	1
80167100100	1,232	8.0	154	700	11.4	5,000K	70min	1

LIGHT ENGINE Ø46mm 01 LED XHP70



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80174100100	1,932	18.0	107	1,500	12.0	2,700K	70min	1
80174200100	2,226	18.0	124	1,500	12.0	4,000K	70min	1
80174300100	2,394	18.0	133	1,500	12.0	5,000K	70min	1

LIGHT ENGINE MID POWER 01 LED



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80174400100	121	0.9	138	140	6.2	3,000K	80min	1
80174500100	123	0.9	140	140	6.2	4,000K	80min	1
80119100100	125	0.9	144	140	6.2	5,000K	80min	1

LIGHT ENGINE COLOR 22mmØ 01 LED



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80015700100	185	2.1	89	700	3.0	Amber	-	1
80015600100	1,121mW	2.1	53%	700	2.9	Blue	-	1
80174600100	191	2.4	80	700	3.4	Green	-	1
80174700100	92	1.7	56	700	2.4	Red	-	1

Driver: EBP003C0700SS

HIGH EFFICACY FOR
INTERIOR APPLICATIONS



CRI>70



MODULE EFFICACY
UP TO 159lm/W*
*T_j=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Point lights
Downlights
Optical fiber

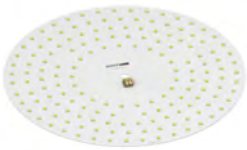
LIGHT ENGINE STAR 01 LED



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80174800100	242	2.0	121	700	2.9	2,700K	80min	1
80174900100	297	2.0	149	700	2.9	4,000K	70min	1
80175000100	297	2.0	149	700	2.9	5,000K	70min	1

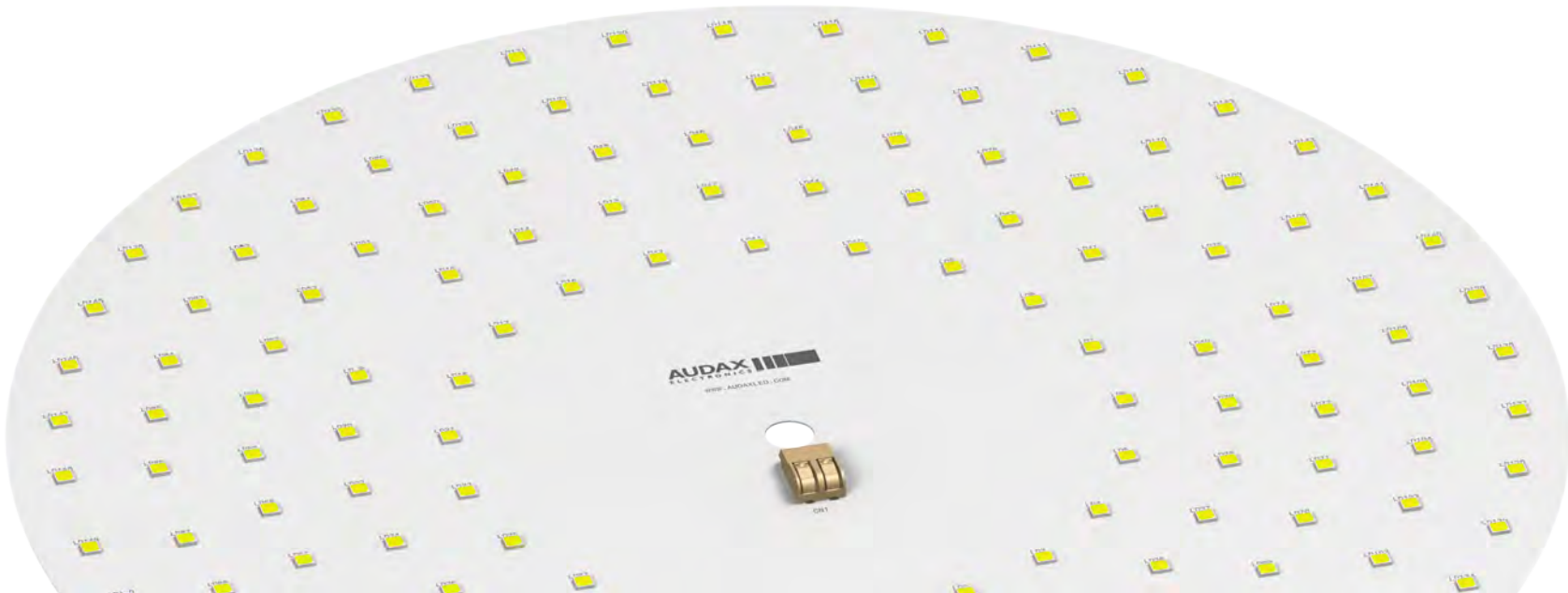
Driver: EBP003C0700SS

LIGHT ENGINE 160 LEDs ROUND 254mmØ



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80173200100	19,303	139.5	138	700	199.3	3,000K	80min	160
80173300100	19,594	139.5	140	700	199.3	4,000K	80min	160
80173400100	20,030	139.5	144	700	199.3	5,000K	80min	160

Compatible Optics: LEDiL's Victoria



HIGH EFFICACY FOR
INTERIOR APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 163 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60,000 hours



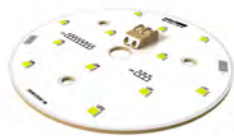
5 YEARS
WARRANTY



APPLICATIONS

Point lights
Downlights
Optical fiber

LIGHT ENGINE Ø79mm 900lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80046900100	922	6.1	150	350	17.5	3,000K	80min	12
80047000100	970	6.1	159	350	17.5	4,000K	80min	12
80047100100	993	6.1	163	350	17.5	5,000K	80min	12

Driver: EIP008C0350LHS

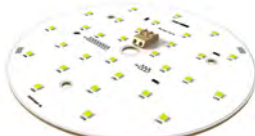
LIGHT ENGINE Ø120mm 2.400lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80047200100	2,327	17.4	133	700	24.9	3,000K	80min	20
80047300100	2,449	17.4	140	700	24.9	4,000K	80min	20
80047400100	2,504	17.4	144	700	24.9	5,000K	80min	20

Driver: EIP021C0700L2

LIGHT ENGINE Ø120mm 3.600lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80047500100	3,491	26.2	133	700	37.4	3,000K	80min	30
80047600100	3,674	26.2	140	700	37.4	4,000K	80min	30
80047700100	3,756	26.2	144	700	37.4	5,000K	80min	30

Driver: EIP040C0700L1

LIGHT ENGINE Ø120mm 4.800lm (MCPCB)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80151500100	4,654	34.9	133	700	49.8	3,000K	80min	40
80151600100	4,899	34.9	140	700	49.8	4,000K	80min	40
80151700100	5,007	34.9	144	700	49.8	5,000K	80min	40

Driver: EIP040C0700L1

HIGH EFFICACY FOR
INTERIOR APPLICATIONS

Use these products and easily
achieve DLC



CRI > 80



MODULE EFFICACY
UP TO 169 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
3 SDCM



OPERATING LIFE
L70 > 60,000 hours



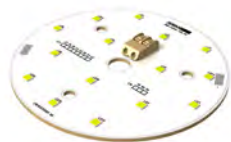
5 YEARS
WARRANTY



APPLICATIONS

Point lights
Downlights
Optical fiber

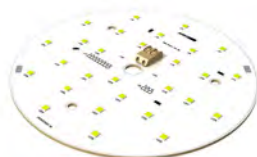
LIGHT ENGINE Ø79mm 900lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80082900100	940	6.0	157	350	17.1	3,000K	80min	15
80083000100	981	6.0	164	350	17.1	4,000K	80min	15
80083100100	1,013	6.0	169	350	17.1	5,000K	80min	15

Driver: EIP008C0350LHS

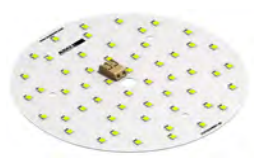
LIGHT ENGINE Ø120mm 2.400lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80083200100	2,425	16.6	146	700	23.8	3,000K	80min	28
80083300100	2,553	16.6	154	700	23.8	4,000K	80min	28
80083400100	2,601	16.6	156	700	23.8	5,000K	80min	28

Driver: EIP021C0700L2

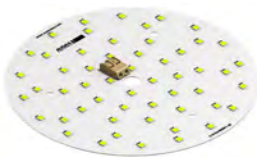
LIGHT ENGINE Ø120mm 3.600lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80083500100	3,638	24.9	146	700	35.6	3,000K	80min	42
80083600100	3,829	24.9	154	700	35.6	4,000K	80min	42
80083700100	3,916	24.9	157	700	35.6	5,000K	80min	42

Driver: EIP040C0700L1

LIGHT ENGINE Ø120mm 4.800lm (MCPCB)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80151800100	4,677	32.1	146	700	45.8	3,000K	80min	54
80151900100	4,923	32.1	154	700	45.8	4,000K	80min	54
80152000100	5,035	32.1	157	700	45.8	5,000K	80min	54

Driver: EIP040C0700L1

HIGH EFFICACY FOR
INTERIOR APPLICATIONS

Use these products and easily
achieve DLC Premium



CRI > 80



MODULE EFFICACY
UP TO 175 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



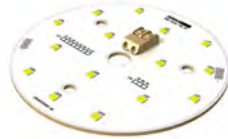
5 YEARS
WARRANTY



APPLICATIONS

Downlights

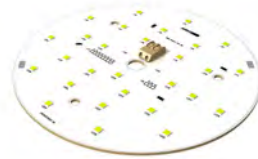
LIGHT ENGINE Ø79mm 900lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80082900100	940	6.0	157	350	17.1	3,000K	80min	15
80083000100	981	6.0	164	350	17.1	4,000K	80min	15
80083100100	1,013	6.0	169	350	17.1	5,000K	80min	15

Driver: EIP008C0350LHS

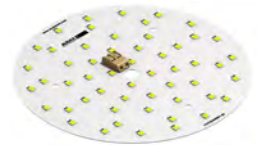
LIGHT ENGINE Ø120mm 2.400lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80083200100	2,425	16.6	146	700	23.8	3,000K	80min	28
80083300100	2,553	16.6	154	700	23.8	4,000K	80min	28
80083400100	2,601	16.6	156	700	23.8	5,000K	80min	28

Driver: EIP021C0700L2

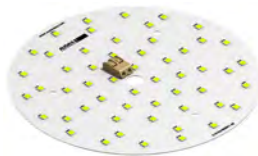
LIGHT ENGINE Ø120mm 3.600lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80083500100	3,638	24.9	146	700	35.6	3,000K	80min	42
80083600100	3,829	24.9	154	700	35.6	4,000K	80min	42
80083700100	3,916	24.9	157	700	35.6	5,000K	80min	42

Driver: EIP040C0700LI

LIGHT ENGINE Ø120mm 4.800lm (MCPCB)

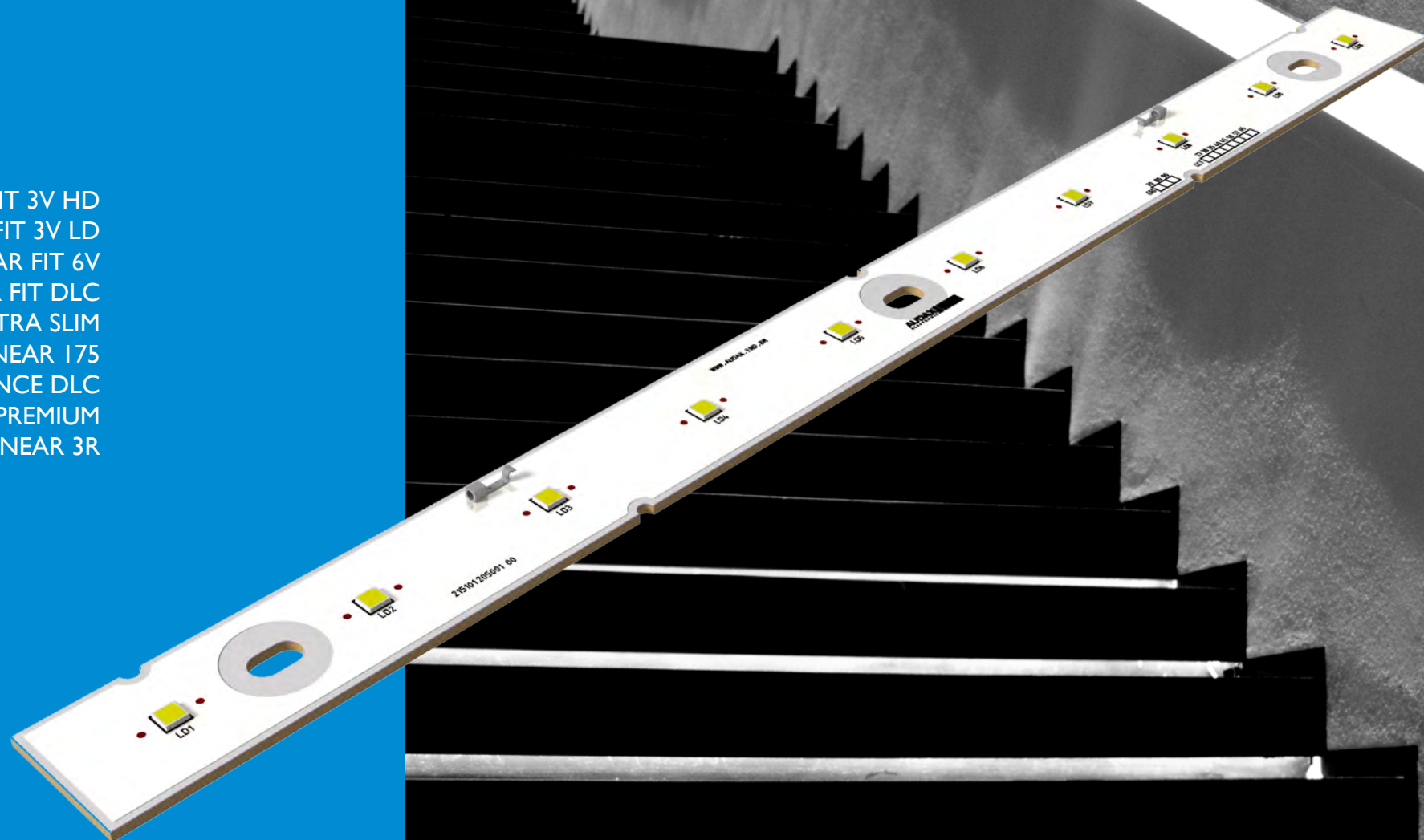


PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80151800100	4,677	32.1	146	700	45.8	3,000K	80min	54
80151900100	4,923	32.1	154	700	45.8	4,000K	80min	54
80152000100	5,035	32.1	157	700	45.8	5,000K	80min	54

Driver: EIP040C0700LI

LINEAR

LINEAR FIT 3V HD
LINEAR FIT 3V LD
LINEAR FIT 6V
LINEAR FIT DLC
LINEAR ULTRA SLIM
LINEAR I75
LINEAR PERFORMANCE DLC
LINEAR PERFORMANCE DLC PREMIUM
LINEAR 3R



LOW COST SOLUTIONS
AND HIGH UNIFORMITY
FOR INTERIOR
APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 144 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Troffers
Batten
Retrofit T8
Retrofit HO
Linear Fixtures
Panels

LIGHT ENGINE 280 x 20mm 890lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80152400100	837	6.2	134	350	17.8	3,000K	80min	30
80152500100	895	6.2	144	350	17.8	4,000K	80min	30
80152600100	897	6.2	144	350	17.8	5,000K	80min	30

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 280 x 20mm 890lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80152700100	837	6.2	134	700	8.9	3,000K	80min	30
80152800100	895	6.2	144	700	8.9	4,000K	80min	30
80152900100	897	6.2	144	700	8.9	5,000K	80min	30

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 280 x 20mm 1.100lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80153000100	1,117	8.3	134	350	23.7	3,000K	80min	40
80153100100	1,194	8.3	144	350	23.7	4,000K	80min	40
80153200100	1,196	8.3	144	350	23.7	5,000K	80min	40

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 280 x 20mm 1.100lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80153300100	1,117	8.3	134	700	11.9	3,000K	80min	40
80153400100	1,194	8.3	144	700	11.9	4,000K	80min	40
80153500100	1,196	8.3	144	700	11.9	5,000K	80min	40

Driver for 02 Light Engines: EIP021C0700L2

LOW COST SOLUTIONS
AND HIGH UNIFORMITY
FOR INTERIOR
APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 144 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60,000 hours



5 YEARS
WARRANTY



APPLICATIONS

Downlights Troffers
Batten
Retrofit T8
Retrofit HO
Linear Fixtures

LIGHT ENGINE 560 x 20mm 1.100lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80153600100	1,117	8.3	134	350	23.7	3,000K	80min	40
80153700100	1,194	8.3	144	350	23.7	4,000K	80min	40
80153800100	1,196	8.3	144	350	23.7	5,000K	80min	40

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 560 x 20mm 1.100lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80153900100	1,117	8.3	134	700	11.9	3,000K	80min	40
80154000100	1,194	8.3	144	700	11.9	4,000K	80min	40
80154100100	1,196	8.3	144	700	11.9	5,000K	80min	40

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 560 x 20mm 1.600lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80154200100	1,675	12.5	134	350	35.6	3,000K	80min	60
80154300100	1,791	12.5	144	350	35.6	4,000K	80min	60
80154400100	1,794	12.5	144	350	35.6	5,000K	80min	60

Driver for 02 Light Engines: EIP040C0700L1

LIGHT ENGINE 560 x 20mm 1.600lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80154500100	1,675	12.5	134	700	17.8	3,000K	80min	60
80154600100	1,791	12.5	144	700	17.8	4,000K	80min	60
80154700100	1,794	12.5	144	700	17.8	5,000K	80min	60

Driver for 02 Light Engines: EIP040C0700L1

LOW COST SOLUTIONS
AND HIGH UNIFORMITY
FOR INTERIOR
APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 144 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY

APPLICATIONS

Troffers
Batten
Retrofit T8
Retrofit HO
Linear Fixtures
Panels

LIGHT ENGINE 560 x 20mm 2.200lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80154800100	2,233	16.6	134	350	47.5	3,000K	80min	80
80154900100	2,388	16.6	144	350	47.5	4,000K	80min	80
80155000100	2,392	16.6	144	350	47.5	5,000K	80min	80

Driver for 02 Light Engines: EIP040C0700LI

LIGHT ENGINE 560 x 20mm 2.200lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80155100100	2,233	16.6	134	700	23.7	3,000K	80min	80
80155200100	2,388	16.6	144	700	23.7	4,000K	80min	80
80155300100	2,392	16.6	144	700	23.7	5,000K	80min	80

Driver for 02 Light Engines: EIP040C0700LI



LOW COST SOLUTIONS
FOR INTERIOR
APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 140 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Troffers
Batten
Retrofit T8
Retrofit HO
Linear Fixtures

LIGHT ENGINE 280 x 20mm 890lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80155400100	861	6.4	134	350	18.4	3,000K	80min	12
80155500100	902	6.4	140	350	18.4	4,000K	80min	12
80155600100	888	6.4	138	350	18.4	5,000K	80min	12

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 280 x 20mm 890lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80155700100	861	6.4	134	700	9.2	3,000K	80min	12
80155800100	902	6.4	140	700	9.2	4,000K	80min	12
80155900100	888	6.4	138	700	9.2	5,000K	80min	12

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 280 x 20mm 1.100lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80156000100	1,149	8.9	134	350	24.5	3,000K	80min	16
80156100100	1,203	8.9	140	350	24.5	4,000K	80min	16
80156200100	1,183	8.9	138	350	24.5	5,000K	80min	16

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 280 x 20mm 1.100lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80156300100	1,149	8.9	134	700	12.3	3,000K	80min	16
80156400100	1,203	8.9	140	700	12.3	4,000K	80min	16
80156500100	1,183	8.9	138	700	12.3	5,000K	80min	16

Driver for 02 Light Engines: EIP021C0700L2

LOW COST SOLUTIONS
FOR INTERIOR
APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 140 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Troffers
Batten
Retrofit T8
Retrofit HO
Linear Fixtures

LIGHT ENGINE 560 x 20mm 1.100lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80156600100	1,149	8.9	134	350	24.5	3,000K	80min	16
80156700100	1,203	8.9	140	350	24.5	4,000K	80min	16
80156800100	1,183	8.9	138	350	24.5	5,000K	80min	16

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 560 x 20mm 1.100lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80156900100	1,149	8.9	134	700	12.3	3,000K	80min	16
80157000100	1,203	8.9	140	700	12.3	4,000K	80min	16
80157100100	1,183	8.9	138	700	12.3	5,000K	80min	16

Driver for 02 Light Engines: EIP021C0700L2

LIGHT ENGINE 560 x 20mm 1.600lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80157200100	1,723	12.9	134	350	36.8	3,000K	80min	24
80157300100	1,805	12.9	140	350	36.8	4,000K	80min	24
80157400100	1,775	12.9	138	350	36.8	5,000K	80min	24

Driver for 02 Light Engines: EIP040C0700L1

LIGHT ENGINE 560 x 20mm 1.600lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80157500100	1,723	12.9	134	700	18.4	3,000K	80min	24
80157600100	1,805	12.9	140	700	18.4	4,000K	80min	24
80157700100	1,775	12.9	138	700	18.4	5,000K	80min	24

Driver for 02 Light Engines: EIP040C0700L1

LOW COST SOLUTIONS
FOR INTERIOR
APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 140 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Troffers
Batten
Retrofit T8
Retrofit HO
Linear Fixtures

LIGHT ENGINE 560 x 20mm 2.200lm (350mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80157800100	2,297	17.2	134	350	49.0	3,000K	80min	32
80157900100	2,406	17.2	140	350	49.0	4,000K	80min	32
80158000100	2,367	17.2	138	350	49.0	5,000K	80min	32

Driver for 02 Light Engines: EIP040C0700LI

LIGHT ENGINE 560 x 20mm 2.200lm (700mA)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80158100100	2,297	17.2	134	700	24.5	3,000K	80min	32
80158200100	2,406	17.2	136	700	24.5	4,000K	80min	32
80158300100	2,367	17.2	138	700	24.5	5,000K	80min	32

Driver for 02 Light Engines: EIP040C0700LI



BEST COST BENEFIT FOR
INTERIOR APPLICATIONS

Zhaga



CRI > 80



MODULE EFFICACY
UP TO 144 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60,000 hours



5 YEARS
WARRANTY



APPLICATIONS

Troffers
Batten
Retrofit T8
Retrofit HO
Linear Fixtures

LIGHT ENGINE 280 x 20mm 1.100lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80050200100	1,207	8.7	138	700	12.5	3,000K	80min	10
80050300100	1,225	8.7	140	700	12.5	4,000K	80min	10
80050400100	1,252	8.7	144	700	12.5	5,000K	80min	10

Driver for 02 Light Engines: EIP021C0700L2

Driver for 04 Light Engines: EIP040C0700L1

LIGHT ENGINE 560 x 20mm 1.550lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80047800100	1,810	13.1	138	700	18.7	3,000K	80min	15
80047900100	1,837	13.1	140	700	18.7	4,000K	80min	15
80048000100	1,878	13.1	144	700	18.7	5,000K	80min	15

Driver for 02 Light Engines: EIP021C0700L2

Driver for 04 Light Engines: EIP060C0700L2

LIGHT ENGINE 560 x 20mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80048100100	2,413	17.4	138	700	24.9	3,000K	80min	20
80048200100	2,449	17.4	140	700	24.9	4,000K	80min	20
80048300100	2,504	17.4	144	700	24.9	5,000K	80min	20

Driver for 01 Light Engine: EIP021C0700L2

Driver for 02 Light Engines: EIP040C0700L1

HIGH EFFICACY FOR
INTERIOR APPLICATIONS

Use these products and easily
achieve DLC



Zhaga



CRI > 80



MODULE EFFICACY
UP TO 165 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY

► APPLICATIONS

Troffers
Batten
Retrofit T8
Retrofit HO
Linear Fixtures

LIGHT ENGINE 280 x 20mm 1.100lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80084700100	1,257	8.3	151	700	11.9	3,000K	80min	14
80084800100	1,276	8.3	154	700	11.9	4,000K	80min	14
80084900100	1,305	8.3	157	700	11.9	5,000K	80min	14

Driver for 02 Light Engines: EIP021C0700L2

Driver for 04 Light Engines: EIP040C0700L1

LIGHT ENGINE 560 x 20mm 1.550lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80085000100	1,886	12.5	151	700	17.8	3,000K	80min	21
80085100100	1,914	12.5	154	700	17.8	4,000K	80min	21
80085200100	1,958	12.5	157	700	17.8	5,000K	80min	21

Driver for 02 Light Engines: EIP040C0700L1

Driver for 04 Light Engines: EIP060C0700L2

LIGHT ENGINE 560 x 20mm 2.500lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80085300100	2,515	16.6	151	700	23.7	3,000K	80min	28
80085400100	2,553	16.6	154	700	23.7	4,000K	80min	28
80085500100	2,611	16.6	157	700	23.7	5,000K	80min	28

Driver for 01 Light Engine: EIP021C0700L2

Driver for 02 Light Engines: EIP040C0700L1

HIGH EFFICACY FOR
INTERIOR APPLICATIONS

Use these products and easily
achieve DLC



Zhaga



CRI > 80



MODULE EFFICACY
UP TO 165 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY

APPLICATIONS

Troffers
Batten
Retrofit T8
Retrofit HO
Linear Fixtures

LIGHT ENGINE 508 x 20mm 2.500lm Premium



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80130600100	2,507	16.0	157	700	22.8	3,000K	80min	28
80130700100	2,544	16.0	159	700	22.8	4,000K	80min	28
80132700100	2,630	16.0	165	700	22.8	5,000K	80min	28

Driver for 01 Light Engine: EIP021C0700L2

Driver for 02 Light Engines: EIP040C0700L1

LIGHT ENGINE 560 x 20mm 2.500lm Premium



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80131000100	2,507	16.0	157	700	22.8	3,000K	80min	28
80131100100	2,544	16.0	159	700	22.8	4,000K	80min	28
80133100100	2,630	16.0	165	700	22.8	5,000K	80min	28

Driver for 01 Light Engine: EIP021C0700L2

Driver for 02 Light Engines: EIP040C0700L1



DESIGN FREEDOM FOR
INTERIOR APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 134 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60,000 hours



5 YEARS
WARRANTY



APPLICATIONS

Linear Fixtures
Profiles

ASK US ABOUT THE
CONNECTED MULTIPLE
BOARDS KITS!

LIGHT ENGINE 152 x 6mm 800lm (6")



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80161300100	816	7.9	103	200	39.5	3,000K	80	26
80161400100	887	7.9	112	200	39.5	4,000K	80	26
80161500100	887	7.9	112	200	39.5	5,000K	80	26

Driver for 01 Light Engine: EIP008C0200LHS

LIGHT ENGINE 178 x 6mm 800lm (7")



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80161600100	801	7.4	108	250	29.6	3,000K	80	30
80161700100	870	7.4	117	250	29.6	4,000K	80	30
80161800100	870	7.4	117	250	29.6	5,000K	80	30

Driver for 01 Light Engine: EIP012C0250LHS

LIGHT ENGINE 229 x 6mm 1,200lm (9")



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80161900100	1,116	10.5	107	350	29.9	3,000K	80	40
80162000100	1,216	10.5	116	350	29.9	4,000K	80	40
80162100100	1,216	10.5	116	350	29.9	5,000K	80	40

Driver for 01 Light Engine: EIP012C0350LHL

LIGHT ENGINE 406 x 6mm 2,300lm (16")



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80162200100	2,198	21.3	103	700	30.4	3,000K	80	70
80162300100	2,387	21.3	112	700	30.4	4,000K	80	70
80162400100	2,387	21.3	112	700	30.4	5,000K	80	70

Driver for 01 Light Engine: EWP030C0700LER

LIGHT ENGINE 560 x 5mm 2,000lm (22")



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80162500100	1,693	15.0	113	700	21.4	3,000K	80	70
80162600100	2,002	15.0	134	700	21.4	4,000K	80	70
80162700100	1,999	15.0	134	700	21.4	5,000K	80	70

Driver for 02 Light Engines: EWP030C0700LER

BEST LIGHT UNIFORMITY
AND DISTRIBUTION



CRI > 80



MODULE EFFICACY
UP TO 138 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Troffer
Linear Fixtures
Panels

LIGHT ENGINE 280 x 20mm 550lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80085600100	537	4.1	130	700	5.9	3,000K	80min	12
80085700100	548	4.1	133	700	5.9	4,000K	80min	12
80085800100	571	4.1	138	700	5.9	5,000K	80min	12

Driver for 04 Light Engines: EIP021C0700L2

LIGHT ENGINE 280 x 20mm 1.100lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80085900100	1,074	8.3	130	700	11.8	3,000K	80min	24
80086000100	1,097	8.3	133	700	11.8	4,000K	80min	24
80086100100	1,142	8.3	138	700	11.8	5,000K	80min	24

Driver for 02 Light Engines: EIP021C0700L2

Driver for 04 Light Engines: EIP040C0700L1

LIGHT ENGINE 560 x 10mm 550lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80048400100	537	4.1	130	700	5.9	3,000K	80min	12
80048500100	548	4.1	133	700	5.9	4,000K	80min	12
80048600100	571	4.1	138	700	5.9	5,000K	80min	12

Driver for 08 Light Engines: EIP040C0700L1

Driver for 12 Light Engines: EIP060C0700L2

LIGHT ENGINE 560 x 20mm 1.100lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80050900100	1,074	8.3	130	700	11.8	3,000K	80min	24
80051000100	1,097	8.3	133	700	11.8	4,000K	80min	24
80051100100	1,142	8.3	138	700	11.8	5,000K	80min	24

Driver for 02 Light Engines: EIP021C0700L2

Driver for 04 Light Engines: EIP040C0700L1

BEST LIGHT UNIFORMITY
AND DISTRIBUTION



CRI > 80



MODULE EFFICACY
UP TO 138 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY

APPLICATIONS

Troffer
Linear Fixtures
Panels

LIGHT ENGINE 560 x 20mm 1.550lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80051800100	1,611	12.4	130	700	17.7	3,000K	80min	36
80051900100	1,645	12.4	133	700	17.7	4,000K	80min	36
80052000100	1,713	12.4	138	700	17.7	5,000K	80min	36

Driver for 01 Light Engine: EIP021C0700L2

Driver for 02 Light Engines: EIP040C0700L1

LIGHT ENGINE 560 x 20mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80052100100	2,148	16.5	130	700	23.6	3,000K	80min	48
80052200100	2,193	16.5	133	700	23.6	4,000K	80min	48
80052300100	2,284	16.5	138	700	23.6	5,000K	80min	48

Driver for 01 Light Engine: EIP021C0700L2

Driver for 02 Light Engines: EIP040C0700L1



HIGH PERFORMANCE FOR
PROFESSIONAL LIGHTING

Use these products and easily
achieve DLC



Zhaga



CRI > 80



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours

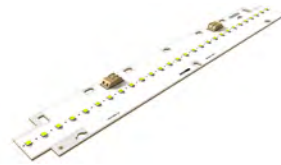


5 YEARS
WARRANTY

APPLICATIONS

Troffers
Batten
Retrofit HO
Linear Highbays

LIGHT ENGINE 280 x 40mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80048700100	2,515	16.5	151	700	23.8	3,000K	80min	28
80048800100	2,553	16.5	154	700	23.8	4,000K	80min	28
80048900100	2,611	16.5	157	700	23.8	5,000K	80min	28

Driver for 02 Light Engines: EIP040C0700L1

Driver for 04 Light Engines: EIP060C0700L2

LIGHT ENGINE 560 x 40mm 3.600lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80049600100	3,772	24.9	151	700	35.6	3,000K	80min	42
80049700100	3,829	24.9	154	700	35.6	4,000K	80min	42
80049800100	3,916	24.9	157	700	35.6	5,000K	80min	42

Driver for 02 Light Engines: EIP060C0700L2

LIGHT ENGINE 560 x 40mm 4.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80049000100	4,401	29.1	151	700	41.6	3,000K	80min	49
80049100100	4,467	29.1	154	700	41.6	4,000K	80min	49
80049200100	4,569	29.1	157	700	41.6	5,000K	80min	49

Driver for 02 Light Engines: EIP060C0700L2

LIGHT ENGINE 560 x 40mm 6.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80086200100	6,287	41.6	151	700	59.4	3,000K	80min	70
80086300100	6,381	41.6	154	700	59.4	4,000K	80min	70
80086400100	6,526	41.6	157	700	59.4	5,000K	80min	70

Driver for 01 Light Engines: EIP060C0700L2

HIGH PERFORMANCE FOR
PROFESSIONAL LIGHTING

Use these products and easily
achieve DLC PREMIUM



Zhaga



CRI > 80



MODULE EFFICACY
UP TO 165 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY

APPLICATIONS

Troffers
Batten
Retrofit HO
Linear Highbays

LIGHT ENGINE 280 x 40mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80086500100	2,508	16.0	157	700	22.8	3,000K	80min	28
80086600100	2,544	16.0	159	700	22.8	4,000K	80min	28
80086700100	2,630	16.0	165	700	22.8	5,000K	80min	28

Driver for 01 Light Engine: EIP021C0700L2

Driver for 02 Light Engines: EIP040C0700L1

LIGHT ENGINE 560 x 40mm 3.600lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80086800100	3,760	24.0	157	700	34.2	3,000K	80min	42
80086900100	3,816	24.0	159	700	34.2	4,000K	80min	42
80087000100	3,946	24.0	165	700	34.2	5,000K	80min	42

Driver for 01 Light Engine: EIP040C0700L1

Driver for 02 Light Engines: EIP060C0700L2

LIGHT ENGINE 560 x 40mm 4.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80087100100	4,387	28.0	157	700	39.9	3,000K	80min	49
80087200100	4,452	28.0	159	700	39.9	4,000K	80min	49
80087300100	4,603	28.0	165	700	39.9	5,000K	80min	49

Driver for 01 Light Engine: EIP040C0700L1

Driver for 02 Light Engines: EIP060C0700L2

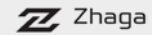
LIGHT ENGINE 560 x 40mm 6.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80087400100	6,267	40.0	157	700	57.1	3,000K	80min	70
80087500100	6,360	40.0	159	700	57.1	4,000K	80min	70
80087600100	6,576	40.0	165	700	57.1	5,000K	80min	70

Driver for 01 Light Engines: EIP060C0700L2

HIGH PERFORMANCE
AND DESIGN



CRI > 70



MODULE EFFICACY
UP TO 171 lm/W*
*T_j = 75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours

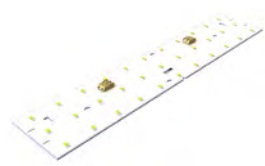


5 YEARS
WARRANTY

► APPLICATIONS

Batten
Linear Fixtures
Decorative Poles

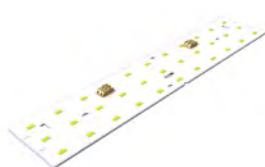
LIGHT ENGINE 3R 3.300lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80049900100	3,406	23.4	145	350	66.7	3,000K	80min	33
80050000100	3,458	23.4	148	350	66.7	4,000K	80min	33
80050100100	3,535	23.4	151	350	66.7	5,000K	80min	33

Driver for 02 Light Engines: EIP060C0700L2

LIGHT ENGINE 3R 6.600lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80063800100	6,812	46.8	145	700	66.7	3,000K	80min	66
80063900100	6,915	46.8	148	700	66.7	4,000K	80min	66
80064000100	7,069	46.8	151	700	66.7	5,000K	80min	66

Driver for 01 Light Engine: EIP060C0700L2

LIGHT ENGINE 3R DMC



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80091100100	9,151	66.5	138	2100	31.7	2,700K	70min	33
80091200100	9,610	66.5	145	2100	31.7	4,000K	70min	33
80091300100	9,730	66.5	146	2100	31.7	5,000K	70min	33

Driver for 01 Light Engine: check availability

LIGHT ENGINE 3R 13.800lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80158800100	11,972	81.0	148	700	115.3	2,700K	80min	33
80158900100	13,863	81.0	171	700	115.3	4,000K	70min	33
80159000100	13,863	81.0	171	700	115.3	5,000K	70min	33

Driver for 01 Light Engine: check availability

LIGHT ENGINE 3R 14.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80159100100	13,625	93.7	145	700	133.4	3,000K	80min	132
80159200100	13,830	93.7	148	700	133.4	4,000K	80min	132
80159300100	14,139	93.7	151	700	133.4	5,000K	80min	132

Driver for 01 Light Engine: check availability



SQUARED

SQUARED



BEST LIGHT UNIFORMITY
AND DISTRIBUTION



CRI > 80



MODULE EFFICACY
UP TO 138 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



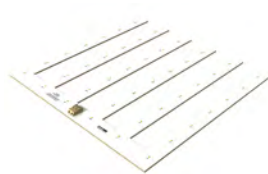
5 YEARS
WARRANTY



APPLICATIONS

Panels
Recessed
Downlight

LIGHT ENGINE 200 x 200mm 2.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80090200100	1,879	14.5	130	700	20.6	3,000K	80min	42
80090300100	1,919	14.5	132	700	20.6	4,000K	80min	42
80090400100	1,999	14.5	138	700	20.6	5,000K	80min	42

Driver for 01 Light Engine: EIP021C0700L2

Driver for 02 Light Engines: EIP040C0700L1

LIGHT ENGINE 280 x 280mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80090500100	2,148	16.5	130	700	23.6	3,000K	80min	48
80090600100	2,193	16.5	133	700	23.6	4,000K	80min	48
80090700100	2,284	16.5	138	700	23.6	5,000K	80min	48

Driver for 01 Light Engine: EIP021C0700L2

Driver for 02 Light Engines: EIP040C0700L1

LIGHT ENGINE 360 x 360mm 3.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80090800100	3,222	24.8	130	700	35.3	3,000K	80min	72
80090900100	3,290	24.8	133	700	35.3	4,000K	80min	72
80091000100	3,426	24.8	138	700	35.3	5,000K	80min	72

Driver for 01 Light Engine: EIP040C0700L1

Driver for 02 Light Engines: EIP060C0700L2



OUTDOOR

OUTDOOR
ORDERING TABLE FOR OUTDOOR



HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

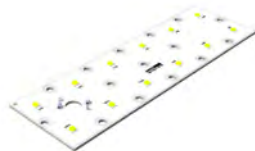
Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LIGHT ENGINE 2X6 STD 219C



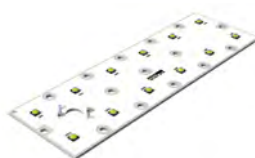
PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80081700100	2,907	24.1	121	34.4	2,700K	700	80min	12
	4,087	37.6	109	35.8		1,050		
	4,726	45.6	104	36.5		1,250		
80081800100	3,563	24.1	148	34.4	4,000K	700	70min	12
	4,975	37.6	133	35.8		1,050		
	5,739	45.6	126	36.5		1,250		
80079100100	3,563	24.1	148	34.4	5,000K	700	70min	12
	4,989	37.6	133	35.8		1,050		
	5,761	45.6	126	36.5		1,250		

LIGHT ENGINE 2X6 STD 219D



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80167800100	3,429	23.9	143	34.2	2,700K	700	70min	12
	4,827	37.0	130	35.3		1,050		
	5,585	44.8	125	35.8		1,250		
80167900100	3,683	23.9	154	34.2	4,000K	700	70min	12
	5,184	37.0	140	35.3		1,050		
	5,998	44.8	134	35.8		1,250		
80168000100	3,705	23.9	155	34.2	5,000K	700	70min	12
	5,215	37.0	141	35.3		1,050		
	6,034	44.8	135	35.8		1,250		

LIGHT ENGINE 2X6 PREMIUM 319A



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80087800100	4,189	36.5	115	34.8	2,700K	1,050	80min	12
	4,843	44.1	110	35.3		1,250		
	5,630	53.9	105	35.9		1,500		
80087900100	5,313	36.5	146	34.8	4,000K	1,050	70min	12
	6,138	44.1	139	35.3		1,250		
	7,131	53.9	132	35.9		1,500		
80088000100	5,310	36.5	145	34.8	5,000K	1,050	70min	12
	6,137	44.1	139	35.3		1,250		
	7,133	53.9	132	35.9		1,500		

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



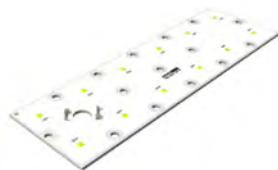
5 YEARS
WARRANTY



APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LIGHT ENGINE 2X6 DMC



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80103500100	2,905	24.2	120	34.5	2,700K	700	80min	12
	4,077	37.4	109	35.6		1,050		
	4,699	45.2	104	36.2		1,250		
80103600100	3,495	24.2	145	34.5	4,000K	700	70min	12
	4,905	37.4	131	35.6		1,050		
	5,653	45.2	125	36.2		1,250		
80103700100	3,538	24.2	146	34.5	5,000K	700	70min	12
	4,971	37.4	133	35.6		1,050		
	5,731	45.2	127	36.2		1,250		

LIGHT ENGINE 2X6 FIT



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80088300100	6,380	50.5	126	48.1	2,700K	1,050	80min	12
80088400100	7,032	50.5	139	48.1	4,000K	1,050	80min	12
80088500100	6,863	50.5	136	48.1	5,000K	1,050	80min	12

LIGHT ENGINE 2X6 FIT 48I



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80159700100	5,568	44.6	125	63.8	2,700K	700	80min	12
80159800100	6,623	44.6	148	63.8	4,000K	700	70min	12
80159900100	6,623	44.6	148	63.8	5,000K	700	70min	12

LIGHT ENGINE 2X6 FIT 488



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80160000100	10,943	90.4	121	129.1	2,700K	700	80min	12
80160100100	12,671	90.4	140	129.1	4,000K	700	70min	12
80160200100	12,671	90.4	140	129.1	5,000K	700	70min	12

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LIGHT ENGINE 2X6 STD 219C (Extended)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80168100100	2,907	24.1	121	34.4		700		
	4,087	37.6	109	35.8	2,700K	1,050	80min	12
	4,726	45.6	104	36.5		1,250		
80168200100	3,563	24.1	148	34.4		700		
	4,975	37.6	133	35.8	4,000K	1,050	70min	12
	5,739	45.6	126	36.5		1,250		
80168300100	3,563	24.1	148	34.4		700		
	4,989	37.6	133	35.8	5,000K	1,050	70min	12
	5,761	45.6	126	36.5		1,250		

LIGHT ENGINE 2X6 STD 219D (Extended)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80168400100	3,429	23.9	143	34.2		700		
	4,827	37.0	130	35.3	2,700K	1,050	70min	12
	5,585	44.8	125	35.8		1,250		
80168500100	3,683	23.9	154	34.2		700		
	5,184	37.0	140	35.3	4,000K	1,050	70min	12
	5,998	44.8	134	35.8		1,250		
80168600100	3,705	23.9	155	34.2		700		
	5,215	37.0	141	35.3	5,000K	1,050	70min	12
	6,034	44.8	135	35.8		1,250		

LIGHT ENGINE 2X6 PREMIUM 319A (Extended)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80168700100	4,189	36.5	115	34.8		1,050		
	4,843	44.1	110	35.3	2,700K	1,250	80min	12
	5,630	53.9	105	35.9		1,500		
80168800100	5,313	36.5	146	34.8		1,050		
	6,138	44.1	139	35.3	4,000K	1,250	70min	12
	7,131	53.9	132	35.9		1,500		
80168900100	5,310	36.5	145	34.8		1,050		
	6,137	44.1	139	35.3	5,000K	1,250	70min	12
	7,133	53.9	132	35.9		1,500		

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY

► APPLICATIONS

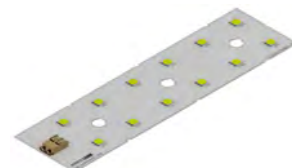
Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LIGHT ENGINE 2X6 DMC (Extended)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80169000100	2,905	24.2	120	34.5	2,700K	700	80min	12
	4,077	37.4	109	35.6		1,050		
	4,699	45.2	104	36.2		1,250		
80169100100	3,495	24.2	145	34.5	4,000K	700	70min	12
	4,905	37.4	131	35.6		1,050		
	5,653	45.2	125	36.2		1,250		
80169200100	3,538	24.2	146	34.5	5,000K	700	70min	12
	4,971	37.4	133	35.6		1,050		
	5,731	45.2	127	36.2		1,250		

LIGHT ENGINE 2X6 FIT (Extended)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80169300100	6,380	50.5	126	48.1	2,700K	1,050	80min	12
80169400100	7,032	50.5	139	48.1	4,000K	1,050	80min	12
80169500100	6,863	50.5	136	48.1	5,000K	1,050	80min	12

LIGHT ENGINE 2X6 FIT 48I (Extended)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80169600100	5,568	44.6	125	63.8	2,700K	700	80min	12
80169700100	6,623	44.6	148	63.8	4,000K	700	70min	12
80169800100	6,623	44.6	148	63.8	5,000K	700	70min	12

LIGHT ENGINE 2X6 FIT 488 (Extended)



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80169900100	10,943	90.4	121	129.1	2,700K	700	80min	12
80170000100	12,671	90.4	140	129.1	4,000K	700	70min	12
80170100100	12,671	90.4	140	129.1	5,000K	700	70min	12

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LIGHT ENGINE 2X8 STD 219C



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80170200100	3,877	32.1	121	45.9		700		
	5,449	50.0	109	47.7	2,700K	1,050	80min	12
	6,301	60.8	104	48.7		1,250		
80170300100	4,751	32.1	148	45.9		700		
	6,634	50.0	133	47.7	4,000K	1,050	70min	12
	7,651	60.8	126	48.7		1,250		
80170400100	4,751	32.1	148	45.9		700		
	6,652	50.0	133	47.7	5,000K	1,050	70min	12
	7,682	60.8	126	48.7		1,250		

LIGHT ENGINE 2X8 STD 219D



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80170500100	4,572	31.9	143	45.5		700		
	6,436	49.4	130	47.0	2,700K	1,050	70min	12
	7,447	59.7	125	47.8		1,250		
80170600100	4,911	31.9	154	45.5		700		
	6,912	49.4	140	47.0	4,000K	1,050	70min	12
	7,998	59.7	134	47.8		1,250		
80170700100	4,940	31.9	155	45.5		700		
	6,954	49.4	141	47.0	5,000K	1,050	70min	12
	8,046	59.7	135	47.8		1,250		

LIGHT ENGINE 2X8 PREMIUM 319A



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80170800100	5,586	48.7	115	46.4		1,050		
	6,457	58.8	110	47.0	2,700K	1,250	80min	12
	7,506	71.8	105	47.9		1,500		
80170900100	7,040	48.7	145	46.4		1,050		
	8,133	58.8	138	47.0	4,000K	1,250	70min	12
	9,448	71.8	132	47.9		1,500		
80171000100	7,079	48.7	145	46.4		1,050		
	8,182	58.8	139	47.0	5,000K	1,250	70min	12
	9,511	71.8	132	47.9		1,500		

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY

► APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LIGHT ENGINE 2X8 DMC



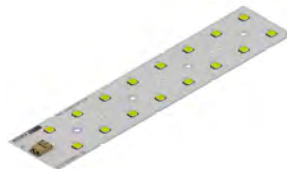
PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80171100100	3,873	32.2	120	46.0	2,700K	700	80min	12
	5,436	49.8	109	47.5		1,050		
	6,266	60.3	104	48.2		1,250		
80171200100	4,660	32.2	145	46.0	4,000K	700	70min	12
	6,540	49.8	131	47.5		1,050		
	7,538	60.3	125	48.2		1,250		
80171300100	4,718	32.2	146	46.0	5,000K	700	70min	12
	6,629	49.8	133	47.5		1,050		
	7,641	60.3	127	48.2		1,250		

LIGHT ENGINE 2x8 FIT



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80171400100	7,882	67.3	117	96.2	2,700K	700	80min	12
80171500100	9,375	67.3	139	96.2	4,000K	700	80min	12
80171600100	9,151	67.3	136	96.2	5,000K	700	80min	12

LIGHT ENGINE 2X8 FIT 48I



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80171700100	7,423	59.5	125	85.0	2,700K	700	80min	12
80171800100	8,831	59.5	148	85.0	4,000K	700	70min	12
80171900100	8,831	59.5	148	85.0	5,000K	700	70min	12

LIGHT ENGINE 2X8 FIT 488



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80172000100	14,591	120.6	121	172.2	2,700K	700	80min	12
80172100100	16,894	120.6	140	172.2	4,000K	700	70min	12
80172200100	16,894	120.6	140	172.2	5,000K	700	70min	12

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours

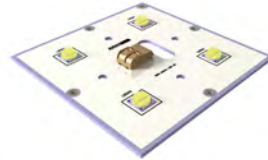


5 YEARS
WARRANTY

► APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LIGHT ENGINE 2X2 MX STD



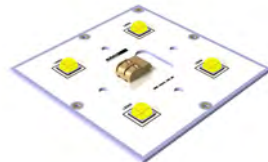
PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80088600100	3,986	32.0	125	45.7	2,700K	700	80min	4
	5,624	49.5	114	47.2		1,050		
	4,827	32.0	151	45.7		700		
80088800100	6,810	49.5	137	47.2	4,000K	1,050	70min	4
	4,930	32.0	154	45.7		700		
	6,928	49.5	140	47.2		1,050		
80170400100	4,751	32.1	148	45.9	5,000K	700	70min	4
	6,652	50.0	133	47.7		1,050		
	7,682	60.8	126	48.7		1,250		

LIGHT ENGINE 2X2 MX FIT



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80160300100	3,648	30.1	121	43.1	2,700K	700	80min	4
80160400100	4,224	30.1	140	43.1	4,000K	700	70min	4
80160500100	4,224	30.1	140	43.2	5,000K	700	70min	4

LIGHT ENGINE 2X2 MX PLUS



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80088900100	5,520	48.7	113	45.7	2,700K	700	80min	4
	7,728	72.0	107	48.0		1,050		
	6,360	48.7	131	45.7		700		
80089100100	8,904	72.0	124	48.0	4,000K	1,050	70min	4
	6,840	48.7	140	45.7		700		
	9,576	72.0	133	48.0		1,050		
80171000100	7,079	48.7	145	46.4	5,000K	1,050	70min	4
	8,182	58.8	139	47.0		1,250		
	9,511	71.8	132	47.9		1,500		

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LED MODULE 2X6 IP STD 219C



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
2,675	24.1	111	34.4		700		
3,760	37.5	100	35.8	2,700K	1,050	80min	12
4,348	45.6	95	36.5		1,250		
3,278	24.1	136	34.4		700		
4,577	37.5	122	35.8	4,000K	1,050	70min	12
5,279	45.6	116	36.5		1,250		
3,278	24.1	136	34.4		700		
4,590	37.5	122	35.8	5,000K	1,050	70min	12
5,301	45.6	116	36.5		1,250		

LED MODULE 2X6 IP STD 219D



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
3,155	23.9	132	34.2		700		
4,441	37.0	120	35.3	2,700K	1,050	70min	12
5,138	44.8	115	35.8		1,250		
3,388	23.9	142	34.2		700		
4,769	37.0	129	35.3	4,000K	1,050	70min	12
5,518	44.8	123	35.8		1,250		
3,409	23.9	143	34.2		700		
4,798	37.0	130	35.3	5,000K	1,050	70min	12
5,551	44.8	124	35.8		1,250		

LED MODULE 2X6 IP PREMIUM 319A



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
3,854	36.5	106	34.8		1,050		
4,455	44.1	101	35.2	2,700K	1,250	80min	12
5,179	53.9	96	35.9		1,500		
4,856	36.5	133	34.8		1,050		
5,612	44.1	127	35.2	4,000K	1,250	70min	12
6,519	53.9	121	35.9		1,500		
4,885	36.5	134	34.8		1,050		
5,646	44.1	128	35.2	5,000K	1,250	70min	12
6,562	53.9	122	35.9		1,500		

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI > 70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY

► APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LED MODULE 2X6 IP DMC



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
2,672	24.2	111	34.5	2,700K	700	80min	12
3,751	37.4	100	35.6		1,050		
4,323	45.2	96	36.2		1,250		
3,215	24.2	133	34.5	4,000K	700	70min	12
4,513	37.4	121	35.6		1,050		
5,201	45.2	115	36.2		1,250		
3,215	24.2	133	34.5	5,000K	700	70min	12
4,513	37.4	121	35.6		1,050		
5,201	45.2	115	36.2		1,250		

LED MODULE 2X6 IP FIT



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
5,869	51.5	114	49.0	2,700K	1,050	80min	12
6,469	51.5	126	49.0	4,000K	1,050	70min	12
6,314	51.5	123	49.0	5,000K	1,050	70min	12

LED MODULE 2X6 IP FIT 48I



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
5,122	44.6	115	63.8	2,700K	700	80min	12
6,094	44.6	137	63.8	4,000K	700	70min	12
6,094	44.6	137	63.8	5,000K	700	70min	12

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI > 70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LED MODULE 2X6 IP FIT 488



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
10,068	90.4	111	129.2	2,700K	700	80min	12
11,657	90.4	129	129.2	4,000K	700	70min	12
11,657	90.4	129	129.2	5,000K	700	70min	12

LED MODULE 2X2 IP MX STD (144)



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
3,667	32.0	115	45.7		700		
5,174	49.5	105	47.2	2,700K	1,050	80min	4
4,441	32.0	139	45.7		700		
6,265	49.5	127	47.2		1,050		
4,535	32.0	142	45.7	4,000K	700	70min	4
6,374	49.5	129	47.2		1,050		
3,278	24.1	136	34.4		700		
4,590	37.5	122	35.8	5,000K	1,050	70min	4
5,301	45.6	116	36.5		1,250		

LED MODULE 2X2 IP MX FIT (488)



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
3,356	30.1	111	43.1	2,700K	700	80min	4
3,886	30.1	129	43.1	4,000K	700	70min	4
3,886	30.1	129	43.1	5,000K	700	70min	4

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI > 70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LED MODULE 2X2 IP MX STD DOUBLE (I44)



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
7,335	64.0	115	91.4		700		
10,349	99.0	105	94.4	2,700K	1,050	80min	8
8,881	64.0	139	91.4		700		
12,531	99.0	127	94.4		1,050		
9,071	64.0	142	91.4	4,000K	700	70min	8
12,748	99.0	129	94.4		1,050		
4,885	36.5	134	34.8		1,050		
5,646	44.1	128	35.2	5,000K	1,250	70min	8
6,562	53.9	122	35.9		1,500		

LED MODULE 3R IP 6.000lm



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
6,2667	46.8	134	66.7	3,000K	700	80min	66
6,362	46.8	136	66.7	4,000K	700	80min	66
6,504	46.8	139	66.7	5,000K	700	80min	66

LED MODULE 3R IP DMC



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
8,236	66.5	124	31.7	2,700K	2,100	70min	33
8,649	66.5	130	31.7	4,000K	2,100	70min	33
8,757	66.5	132	31.7	5,000K	2,100	70min	33

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI > 70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY

► APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LED MODULE 3R IP 12.700lm



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
11,014	81.0	136	115.3	2,700K	700	70min	33
12,754	81.0	157	115.3	4,000K	700	70min	33
12,754	81.0	157	115.3	5,000K	700	70min	33

LED MODULE 3R IP 13.000lm



LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
12,088	93.7	129	133.4	2,700K	700	80min	132
12,724	93.7	136	133.4	4,000K	700	80min	132
13,008	93.7	139	133.4	5,000K	700	80min	132

LIGHT ENGINE "GAS STATION" 11.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80059300100	10,864	76.0	143	72.8	5,000K	1,050	70min	96

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



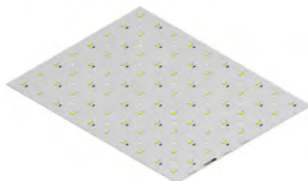
5 YEARS
WARRANTY



APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LIGHT ENGINE "PARKING LOT" (219C) 27.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80161100100	22,607	195.9	115	46.6	2,700K	4,200	80min	80
80161200100	27,623	195.9	141	46.6	4,000K	4,200	70min	80
80073800100	27,656	195.9	141	46.6	5,000K	4,200	70min	80

LIGHT ENGINE IP-8



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80172300100	7,295	60.3	121	86.1	2,700K	700	80min	8
80172400100	8,447	60.3	140	86.1	4,000K	700	70min	8
80172500100	8,447	60.3	140	86.1	5,000K	700	70min	8

LIGHT ENGINE IP-16



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	V _f (V)	CCT	If Nom. (mA)	CRI	# LEDs
80172600100	5,436	49.8	109	47.5	2,700K	1,050	80min	16
80172700100	6,540	49.8	131	47.5	4,000K	1,050	70min	16
80172800100	6,628	49.8	133	47.5	5,000K	1,050	70min	16

HIGH PERFORMANCE FOR
PROFESSIONAL EXTERIOR
LIGHTING



CRI>70



MODULE EFFICACY
UP TO 157 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours

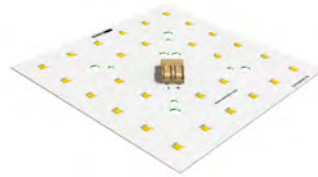


5 YEARS
WARRANTY

► APPLICATIONS

Highbay
Street Light
Gas Station
Projectors
Decorative Poles

LIGHT ENGINE IP-28



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80172900100	9,513	87.2	109	41.5	2,700K	2,100	80min	28
80173000100	11,445	87.2	131	41.5	4,000K	2,100	70min	28
80173100100	11,600	87.2	133	41.5	5,000K	2,100	70min	28

LIGHT ENGINE ARCH 2,200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80184500100	2167,556542	14.9	145	42.5	3,000K	350	80min	21
80184600100	2200,218353	14.9	148	42.5	4,000K	350	70min	21
80142400100	2249,34374	14.9	151	42.5	5,000K	350	70min	21

LIGHT ENGINE ARCH 4,400lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	Vf (V)	CCT	If Nom. (mA)	CRI	# LEDs
80184700100	4,335	29.8	145	42.5	3,000K	700	80min	42
80184800100	4,400	29.8	148	42.5	4,000K	700	70min	42
80142500100	4,499	29.8	151	42.5	5,000K	700	70min	42

LED MODULE 2X6 IP STD 219C

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4263_HB-IP-2X6-WWWW	97°	80091400100	80091500100	80091600100
CSI4130_HB-IP-2X6-W	56°	80091700100	80091800100	80091900100
CSI4895_HB-IP-2X6-RS	13°	80092000100	80092100100	80092200100
CSI4891_HB-IP-2X6-M	24°	80092300100	80092400100	80092500100
CSI5020_STRADA-IP-2X6-VSM	137°	80092600100	80092700100	80092800100
CSI2862_STRADA-IP-2X6-DWC	Asymmetric	80092900100	80093000100	80093100100
CSI4145_STRADA-IP-2X6-DWC-90	Asymmetric	80093200100	80093300100	80093400100
CSI4597_HB-IP-2X6-O	31+116°	80095000100	80093600100	80093700100

LED MODULE 2X6 IP STD 219D

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4263_HB-IP-2X6-WWWW	97°	80186900100	80197000100	80187100100
CSI4130_HB-IP-2X6-W	56°	80187200100	80187300100	80187400100
CSI4895_HB-IP-2X6-RS	13°	80187500100	80187600100	80187700100
CSI4891_HB-IP-2X6-M	24°	80187800100	80187900100	80188000100
CSI5020_STRADA-IP-2X6-VSM	137°	80188100100	80188200100	80188300100
CSI2862_STRADA-IP-2X6-DWC	Asymmetric	80188400100	80188500100	80188600100
CSI4145_STRADA-IP-2X6-DWC-90	Asymmetric	80188700100	80188800100	80188900100
CSI4597_HB-IP-2X6-O	31+116°	80189000100	80189100100	80189200100

LED MODULE 2X6 IP DMC

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4263_HB-IP-2X6-WWWW	85°	80103800100	80103900100	80104000100
CSI4130_HB-IP-2X6-W	51°	80104100100	80104200100	80104300100
CSI4895_HB-IP-2X6-RS	13°	80104400100	80104500100	80104600100
CSI4891_HB-IP-2X6-M	24°	80104700100	80104800100	80104900100
CSI4597_HB-IP-2X6-O	26+116°	80105000100	80105100100	80105200100

LED MODULE 2X6 IP PREMIUM

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4263_HB-IP-2X6-WWWW	97°	80093800100	80093900100	80094000100
CSI4130_HB-IP-2X6-W	56°	80094100100	80094200100	80094300100
CSI4895_HB-IP-2X6-RS	13°	80094400100	80094500100	80094600100
CSI4891_HB-IP-2X6-M	24°	80094700100	80094800100	80094900100
CSI5020_STRADA-IP-2X6-VSM	137°	80095000100	80095100100	80095200100
CSI2862_STRADA-IP-2X6-DWC	Asymmetric	80095300100	80095400100	80095500100
CSI4145_STRADA-IP-2X6-DWC-90	Asymmetric	80095600100	80095700100	80095800100
CSI4597_HB-IP-2X6-O	31+116°	80095900100	80096000100	80096100100

LED MODULE 2X6 FIT

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4263_HB-IP-2X6-WWWW	97°	80096200100	80096300100	80096400100
CSI4130_HB-IP-2X6-W	56°	80096500100	80096600100	80096700100
CSI4895_HB-IP-2X6-RS	13°	80096800100	80096900100	80097000100
CSI4891_HB-IP-2X6-M	24°	80097100100	80097200100	80097300100
CSI5020_STRADA-IP-2X6-VSM	137°	80097400100	80097500100	80097600100
CSI2862_STRADA-IP-2X6-DWC	Asymmetric	80097700100	80097800100	80097900100
CSI4145_STRADA-IP-2X6-DWC-90	Asymmetric	80098000100	80098100100	80098200100
CSI4597_HB-IP-2X6-O	31+116°	80098300100	80098400100	80098500100

LED MODULE 2X6 FIT 481

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4263_HB-IP-2X6-WWWW (novo)	97°	80189300100	80189400100	80189500100
CSI4130_HB-IP-2X6-W (novo)	56°	80189600100	80189700100	80189800100
CSI5418_STRADA-IP-2X6-SCL	Asymmetric	80189900100	80190000100	80190100100
CSI5886_STRADA-IP-2X6-T2-B-90	Asymmetric	80190200100	80190300100	80190400100
CSI4597_HB-IP-2X6-O	26+116°	80105000100	80105100100	80105200100

LED MODULE 2X6 FIT 488

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4263_HB-IP-2X6-WWW (novo)	97°	80190500100	80190600100	80190700100
CSI4130_HB-IP-2X6-W (novo)	56°	80190800100	80190900100	80191000100
CSI5418_STRADA-IP-2X6-SCL	Asymmetric	80191100100	80191200100	80191300100
CSI5886_STRADA-IP-2X6-T2-B-90	Asymmetric	80191400100	80191500100	80191600100
CSI4632_STRADA-2X2MX-DWC	Asymmetric	80099800100	80099900100	80100000100

LED MODULE 2X2 MX FIT (488)

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4839_HB-2X2MX-WWW	78°	80191700100	80191800100	80191900100
CSI4713_HB-2X2MX-W	50°	80192000100	80192100100	80192200100
CSI4840_HB-2X2MX-M	24°	80192300100	80192400100	80192500100
CSI4764_STRADA-2X2MX-VSM	Asymmetric	80192600100	80192700100	80192800100
CSI4632_STRADA-2X2MX-DWC	Asymmetric	80192900100	80193000100	80193100100

LED MODULE 3R IP 6,600lm

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
FSI5626_FLORENCE-3R-IP-Z90	90°	80101600100	80101700100	80101800100
FSI5786_FLORENCE-3R-IP-Z60	60°	80101900100	80102000100	80102100100
FSI5847_FLORENCE-3R-IP-O	84 + 90°	80102200100	80102300100	80102400100

LED MODULE 3R IP 12,700lm

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
FSI5626_FLORENCE-3R-IP-Z90	90°	80193200100	80193300100	80193400100
FSI5786_FLORENCE-3R-IP-Z60	60°	80193500100	80193600100	80193700100

LED MODULE 2X2 MX STD (144)

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4839_HB-2X2MX-WWW	78°	80098600100	80098700100	80098800100
CSI4713_HB-2X2MX-W	50°	80098900100	80099000100	80099100100
CSI4840_HB-2X2MX-M	24°	80099200100	80099300100	80099400100
CSI4764_STRADA-2X2MX-VSM	Asymmetric	80099500100	80099600100	80099700100
CSI4632_STRADA-2X2MX-DWC	Asymmetric	80099800100	80099900100	80100000100

LED MODULE 2X2 MX STD DOUBLE

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
CSI4839_HB-2X2MX-WWW	78°	80100100100	80100200100	80100300100
CSI4713_HB-2X2MX-W	50°	80100400100	80100500100	80100600100
CSI4840_HB-2X2MX-M	24°	80100700100	80100800100	80100900100
CSI4764_STRADA-2X2MX-VSM	Asymmetric	80101000100	80101100100	80101200100
CSI4632_STRADA-2X2MX-DWC	Asymmetric	80101300100	80101400100	80101500100

LED MODULE 3R IP DMC

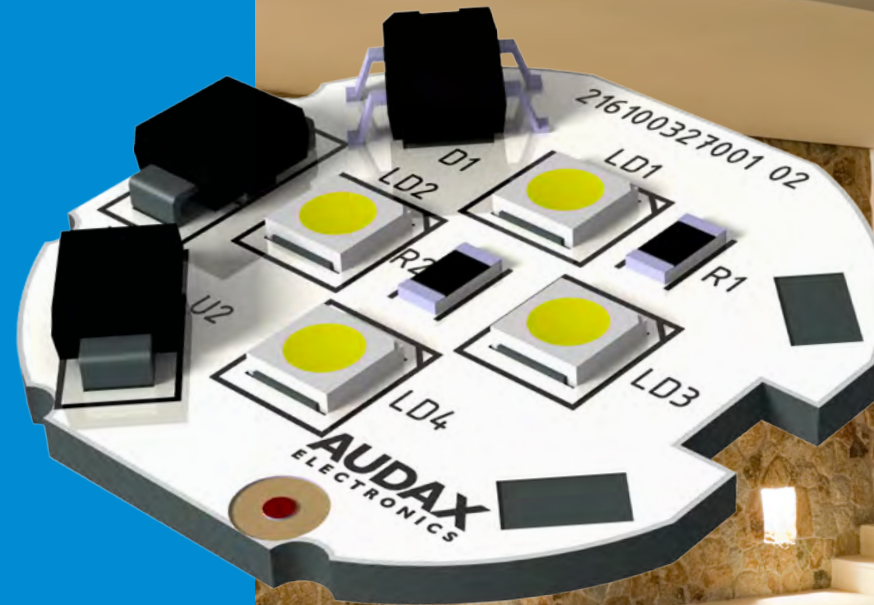
LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
FSI5626_FLORENCE-3R-IP-Z90	90°	80102500100	80102600100	80102700100
FSI5786_FLORENCE-3R-IP-Z60	60°	80102800100	80102900100	80103000100
FSI5847_FLORENCE-3R-IP-O	84 + 90°	80103100100	80103200100	80103300100

LED MODULE 3R IP 13,000lm

LEDiL's P/N	ANGLE	AUDAX P/N		
		2.700K	4.000K	5.000K
FSI5626_FLORENCE-3R-IP-Z90	90°	80193800100	80193900100	80194000100
FSI5786_FLORENCE-3R-IP-Z60	60°	80194100100	80194200100	80194300100

DOB
DRIVER ON BOARD

DOB



HIGH QUALITY LIGHT
FOR DECORATIVE
APPLICATION



CRI > 80



MODULE EFFICACY
UP TO 118 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 20.000 hours



1 YEAR
WARRANTY



APPLICATIONS
General decorative
lighting fixtures

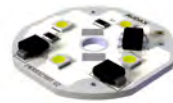
Plug and Play Solutions
for Decorative
Applications

LIGHT ENGINE DOB 28mmØ 500lm



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80016200100	127	443	5.5	81	2,700K	80min	4
80089500100	127	507	5.5	92	5,000K	80min	4
80020000100	220	443	5.5	81	2,700K	80min	4
80089600100	220	507	5.5	92	5,000K	80min	4

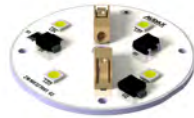
LIGHT ENGINE DOB 34mmØ 500lm



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80017400100	127	443	5.5	81	2,700K	80min	4
80089700100	127	507	5.5	92	5,000K	80min	4
80017800100	220	443	5.5	81	2,700K	80min	4
80057300100	220	507	5.5	92	5,000K	80min	4

Compatible with LEDiL's Optics - Angie Family

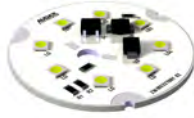
LIGHT ENGINE DOB 44mmØ 500lm



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80023800100	127	443	5.5	81	2,700K	80min	4
80028500100	127	507	5.5	92	5,000K	80min	4
80023900100	220	443	5.5	81	2,700K	80min	4
80028600100	220	507	5.5	92	5,000K	80min	4

Compatible with LEDiL's Optics - Quak Family

LIGHT ENGINE DOB 44mmØ 900lm



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80071800100	127	885	11.0	80	2,700K	80min	8
80089800100	127	1014	11.0	92	5,000K	80min	8
80071300100	220	885	11.0	80	2,700K	80min	8
80074300100	220	1014	11.0	92	5,000K	80min	8

Compatible with LEDiL's Optics - Quak Family

HIGH QUALITY LIGHT
FOR DECORATIVE
APPLICATION



CRI > 80



MODULE EFFICACY
UP TO 118 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 20.000 hours



1 YEAR
WARRANTY



APPLICATIONS

General decorative
lighting fixtures

Plug and Play Solutions
for Decorative
Applications

LIGHT ENGINE DOB 120mm x 20mm 500lm



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80035300100	110	443	5.5	81	2,700K	80min	4
80089900100	110	507	5.5	92	5,000K	80min	4
80035400100	220	443	5.5	81	2,700K	80min	4
80074200100	220	507	5.5	92	5,000K	80min	4

LIGHT ENGINE DOB 200mm x 20mm 900lm



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80062500100	110	885	11.0	80	2,700K	80min	8
80090000100	110	1,014	11.0	92	5,000K	80min	8
80062600100	220	885	11.0	80	2,700K	80min	8
80090100100	220	1,014	11.0	92	5,000K	80min	8

LIGHT ENGINE ø80mm 3.000 LM



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80175100100	110	2,475	21.8	114	2,700K	80	40
80146800100	110	2,660	21.8	122	5,000K	80	40
80175200100	220	2,145	17.0	126	2,700K	80	40
80175300100	220	2,308	17.0	136	5,000K	80	40

LIGHT ENGINE 560x20 700 LM



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80139200100	110	712	11.0	65	2,700K	80	16
80175400100	110	797	11.0	72	5,000K	80	16
80175500100	220	712	9.0	79	2,700K	80	16
80175600100	220	797	9.0	89	5,000K	80	16

HIGH QUALITY LIGHT
FOR DECORATIVE
APPLICATION



CRI > 80



MODULE EFFICACY
UP TO 118 lm/W*
*T_j=75°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 20.000 hours



YEAR
WARRANTY



APPLICATIONS
General decorative
lighting fixtures

Plug and Play Solutions
for Decorative
Applications

LIGHT ENGINE 280x40mm 1.100 LM



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80183100100	110	1,094	12.0	91	3,000K	80	24
80183200100	110	1,149	12.0	96	5,000K	80	24
80183300100	220	1,094	9.7	113	3,000K	80	24
80183400100	220	1,149	9.7	118	5,000K	80	24

LIGHT ENGINE 560x40mm 2.000 LM



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80183500100	110	2,188	21,2	103	3,000K	80	48
80183600100	110	2,297	21,2	108	5,000K	80	48
80183700100	220	2,188	19,7	111	3,000K	80	48
80183800100	220	2,297	19,7	117	5,000K	80	48

LIGHT ENGINE 560x40mm 2.000 LM Full Range



PART NUMBER	V _{ACin}	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	CCT	CRI	# LEDs
80183900100	100-240	2,087	19.0	110	3,000K	80	42
80184000100	100-240	2,168	19.0	114	5,000K	80	42



PLUG AND PLAY SOLUTIONS
FOR DECORATIVE APPLICATIONS

COB

COB MODULES
CLUSTERS COB



HIGH QUALITY LIGHT
FOR RETAIL STORES



CRI > 80



MODULE EFFICACY
UP TO 133 lm/W*
*T_j=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60,000 hours



5 YEARS
WARRANTY



APPLICATIONS

Retail and Indoor
Lighting Fixtures

COB MODULE 8W



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80185200100	932	8.9	104	250	35.8	2,700K	80min	1
80185300100	964	8.9	108	250	35.8	3,000K	80min	1
80185400100	1,016	8.9	114	250	35.8	4,000K	80min	1

Driver: EIP008C0200LSH

COB MODULE 12W



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80185500100	1,422	11.7	122	350	33.4	2,700K	80min	1
80185600100	1,472	11.7	126	350	33.4	3,000K	80min	1
80185700100	1,552	11.7	133	350	33.4	4,000K	80min	1

Driver: EIP012C0350LHL

COB MODULE 24W



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80185800100	2,731	24.6	111	700	35.1	2,700K	80min	1
80185900100	2,818	24.6	115	700	35.1	3,000K	80min	1
80186000100	2,969	24.6	121	700	35.1	4,000K	80min	1

Driver: EWP030C0700LER

COB MODULE 28W



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80186100100	3,091	27.9	111	800	34.9	2,700K	80min	1
80186200100	3,186	27.9	114	800	34.9	3,000K	80min	1
80186300100	3,355	27.9	120	800	34.9	4,000K	80min	1

Driver: EWP040C0800LER

COB MODULE 36W



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80186400100	4,041	36.6	110	1,050	34.8	2,700K	80min	1
80186500100	4,170	36.6	114	1,050	34.8	3,000K	80min	1
80186600100	4,398	36.6	120	1,050	34.8	4,000K	80min	1



HIGH QUALITY LIGHT
FOR RETAIL STORES



CRI > 80



MODULE EFFICACY
UP TO 133 lm/W*
*T_j=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Retail and Indoor
Lighting Fixtures

LIGHT ENGINE COB 8W 15x12mm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80162800100	968	8.1	120	700	11.5	2,700K	80	4
80162900100	994	8.1	123	700	11.5	3,000K	80	4
80163000100	1,068	8.1	133	700	11.5	4,000K	80	4

Heat Sink: ModuLED Pico 4750 (Mechatronix)

Holder: 50-2000P (Ideal) / 452 Typ LI (Bender + Wirth) / C13709_PF-SOCKET-VERO13-18 (LEDiL)

Reflector: Mirella Family (LEDiL)

LIGHT ENGINE COB 18W 19x16mm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80163100100	2,179	18.1	120	700	25.9	2,700K	80	9
80163200100	2,237	18.1	123	700	25.9	3,000K	80	9
80163300100	2,404	18.1	133	700	25.9	4,000K	80	9

Heat Sink: ModuLED Pico 4780 (Mechatronix)

Holder: 50-2100NC (Ideal) / 438 Typ LI (Bender + Wirth) / C14037_PF-NSX-SOCKET (LEDiL)

Reflector: Barbara Family (LEDiL)

LIGHT ENGINE COB 24W 19x16mm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80163400100	2,905	24.2	120	700	34.5	2,700K	80	12
80163500100	2,983	24.2	123	700	34.5	3,000K	80	12
80163600100	3,205	24.2	133	700	34.5	4,000K	80	12

Heat Sink: ModuLED Nano 7050 (Mechatronix)

Holder: 50-2100NC (Ideal) / 438 Typ LI (Bender + Wirth) / CC13709_PF-SOCKET-VERO13-18 (LEDiL)

Reflector: Barbara Family (LEDiL)

HIGH QUALITY LIGHT
FOR RETAIL STORES



CRI > 80



MODULE EFFICACY
UP TO 133 lm/W*
*T_j=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Retail and Indoor
Lighting Fixtures

LIGHT ENGINE COB 32W 19x16mm



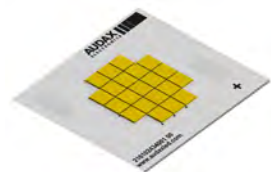
PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80163700100	3,873	32.2	120	700	46.0	2,700K	80	16
80163800100	3,977	32.2	123	700	46.0	3,000K	80	16
80163900100	4,273	32.2	133	700	46.0	4,000K	80	16

Heat Sink: ModuLED Nano 7050 (Mechatronics)

Holder: 50-2100NC (Ideal) / 438 Typ LI (Bender + Wirth) / CC13709_PF-SOCKET-VERO13-18 (LEDiL)

Reflector: Angelette Family (LEDiL)

LIGHT ENGINE COB 42W 24x19mm

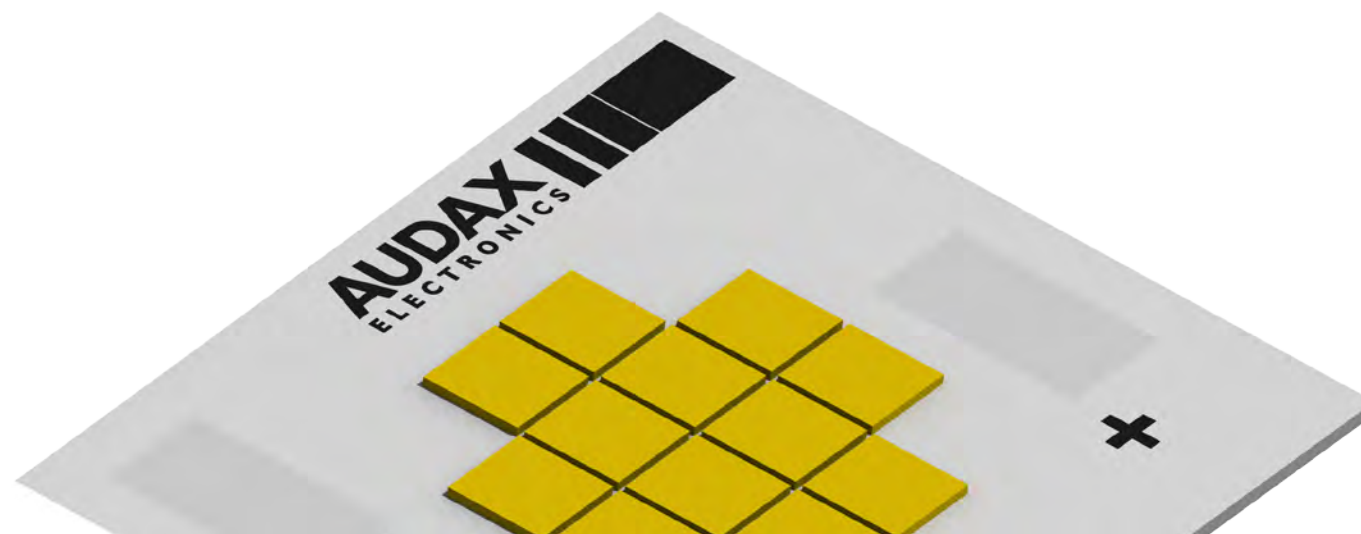


PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	IF Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80164000100	5,083	42.3	120	700	60.4	2,700K	80	21
80164100100	5,220	42.3	123	700	60.4	3,000K	80	21
80164200100	5,609	42.3	133	700	60.4	4,000K	80	21

Heat Sink: ModuLED Micro 8650 (Mechatronics)

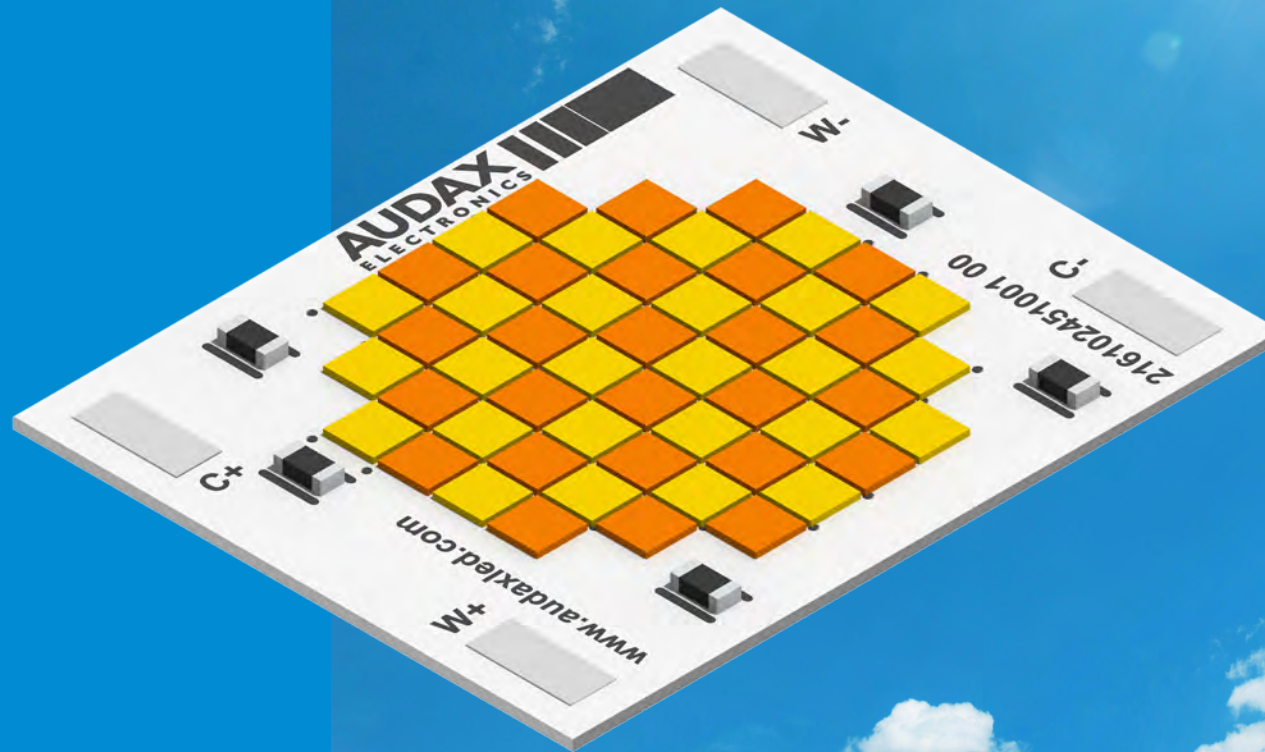
Holder: 50-2103NC + 50-2100AN (Ideal) / 438 Typ LI (Bender + Wirth)

Reflector: Angelette Family (LEDiL)



TUNABLE WHITE

TUNABLE WHITE



THE BEST LIGHT AND
WELL BEING



CRI > 80



MODULE EFFICACY
UP TO 158 lm/W*
*T_j=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 60.000 hours



5 YEARS
WARRANTY



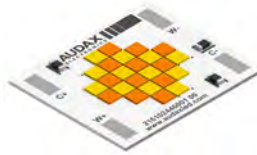
APPLICATIONS
Indoor lighting fixtures

LIGHT ENGINE COB 16W 19x16mm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80176200100	959	8.1	119	350	23.0	2,700K	80	8
	1,072	8.1	133	350	23.0	5,000K	80	8

LIGHT ENGINE COB 24W 19x16mm



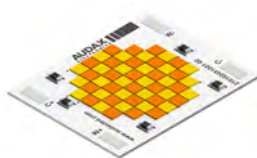
PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80176300100	1,439	12.1	119	350	34.5	2,700K	80	12
	1,609	12.1	133	350	34.5	5,000K	80	12

LIGHT ENGINE COB 36W 24x19mm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80176400100	2,159	18.1	119	350	51.8	2,700K	80	18
	2,413	18.1	133	350	51.8	5,000K	80	18

LIGHT ENGINE COB 50W 24x19mm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80176500100	2,998	25.2	119	350	71.9	2,700K	80	25
	3,351	25.2	133	350	71.9	5,000K	80	25

LIGHT ENGINE 40 LEDs 298mm x 36mm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80176600100	2,327	17.4	133	700	24.9	2,700K	80	20
	2,504	17.4	144	700	24.9	5,000K	80	20

THE BEST LIGHT AND
WELL BEING



CRI > 80



MODULE EFFICACY
UP TO 158 lm/W*
*T_j=85°C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Indoor lighting fixtures

LIGHT ENGINE 80 LEDs 560mm x 20mm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80176700100	2,010	14.4	140	720	24.0	2,700K	80	40
	2,281	14.4	158	720	24.0	5,000K	80	40

LIGHT ENGINE 96 LEDs 560mm x 40mm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80176800100	5,585	41.9	133	1.680	24.0	2,700K	80	48
	6,009	41.9	144	1.680	24.0	5,000K	80	48

LIGHT ENGINE 144 LEDs

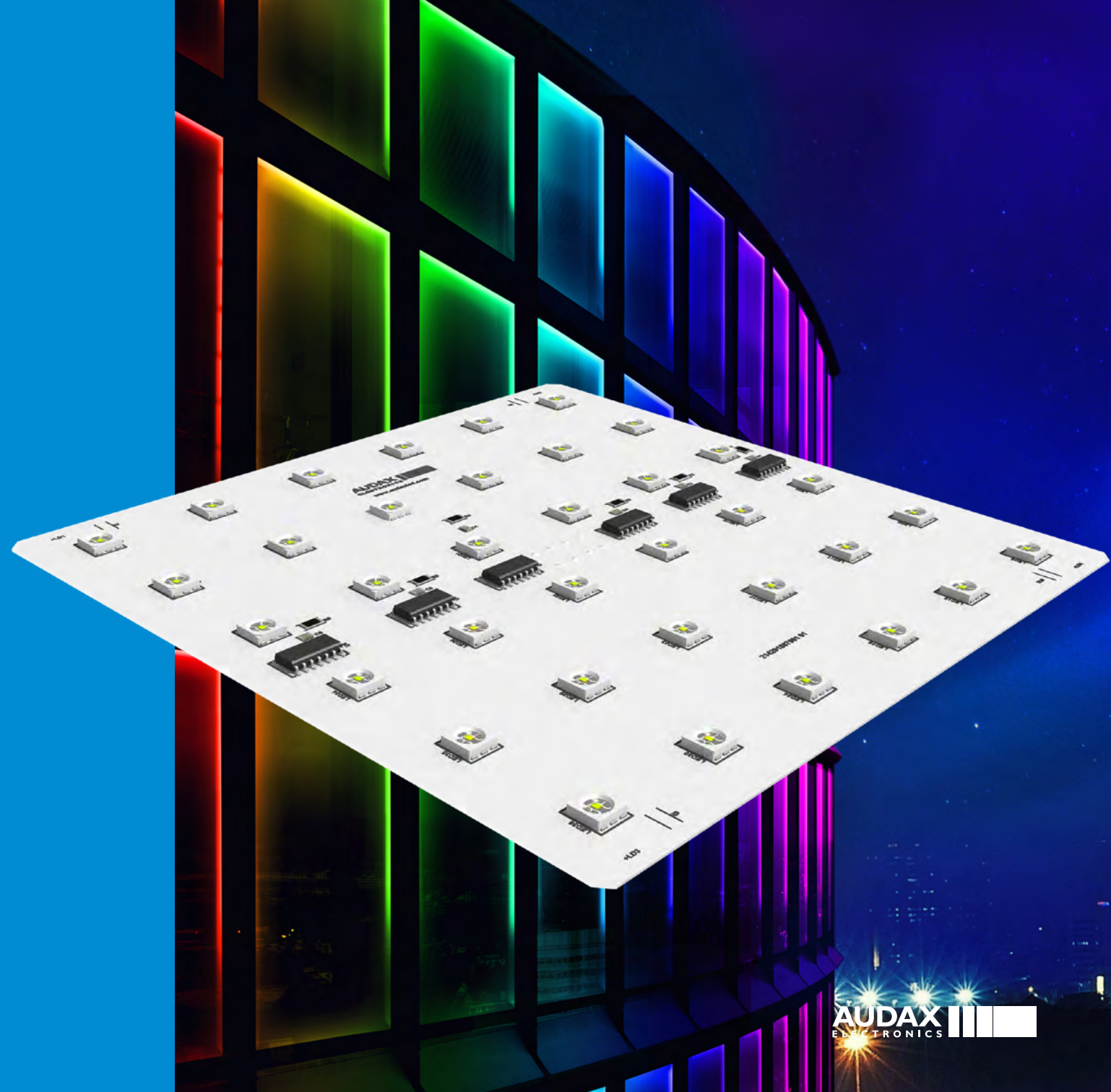


PART NUMBER	LUM. FLUX (lm)	POWER (W)	Eff. (lm/W)	If Nom. (mA)	Vf (V)	CCT	CRI	# LEDs
80176900100	3,618	30.9	117	1.080	24.0	2,700K	80	72
	4,106	30.9	133	1.080	24.0	5,000K	80	72



RGBW

RGBW



QUALITY COLOR FOR
INDOOR AND OUTDOOR
SCENES



CRI > 80



MODULE EFFICACY
UP TO 81 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS
Projectors and light
cannons

LIGHT ENGINE SQUARE 126x126mm RGB



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Vf (V)	If (mA)	# LEDs
80177800100	Red	68	625	1.5	45			
	Green	198	525	2.2	89	12	10-720	36
	Blue	57	450	2.2	25			

LIGHT ENGINE LINEAR 296x11,5mm RGB



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Vf (V)	If (mA)	# LEDs
80177800100	Red	23	625	0.5	45			
	Green	66	525	0.7	89	12	60	12
	Blue	19	450	0.7	25			

Use with Audax's PWM Color Controller

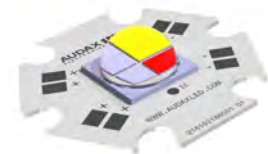
LIGHT ENGINE LINEAR 423x11,5mm RGB



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Vf (V)	If (mA)	# LEDs
80177900100	Red	23	625	0.5	45			
	Green	66	525	0.7	89	12	60	12
	Blue	19	450	0.7	25			

Use with Audax's PWM Color Controller

LIGHT ENGINE STAR RGBW



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Vf (V)	If (mA)	# LEDs
80138800100	Red	27	620	0.8	35	2.3	350	1
		52		1.8	30	2.5	700	
	Green	79	520	1.2	68	3.3	350	
		122		2.5	48	3.6	700	
	Blue	14	450	1.1	12	3.1	350	
		24		2.3	10	3.3	700	
	White	88	6,500K	1.1	81	3.1	350	
		153		2.3	66	3.3	700	

Full power @ 350mA = 4.1W

Full power @ 700mA = 8.9W

QUALITY COLOR FOR
INDOOR AND OUTDOOR
SCENES



CRI > 80



MODULE EFFICACY
UP TO 81 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Projectors and light
cannons

LIGHT ENGINE 2X6 RGBW



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Vf (V)	If (mA)	# LEDs
80178000100	Red	329	620	9.5	35	27.0	350	12
		625		21.0	30	30.0	700	
	Green	944	520	13.9	68	39.6	350	
		1,463		30.2	48	43.2	700	
	Blue	162	450	13.0	12	37.2	350	
		283		27.7	10	39.6	700	
	White	1050	6,500K	13.0	81	37.2	350	
		1,837		27.7	66	39.6	700	

Full power @ 350mA = 49.4W

Full power @ 700mA = 106.7W

LIGHT ENGINE 2X2 RGBW



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Vf (V)	If (mA)	# LEDs
80178100100	Red	110	620	3.2	35	9.0	350	4
		208		7.0	30	10.0	700	
	Green	315	520	4.6	68	13.2	350	
		488		10.1	48	14.4	700	
	Blue	54	450	4.3	12	12.4	350	
		94		9.2	10	13.2	700	
	White	350	6,500K	4.3	81	12.4	350	
		612		9.2	66	13.2	700	

Full power @ 350mA = 16.5W

Full power @ 700mA = 35.6W

QUALITY COLOR FOR
INDOOR AND OUTDOOR
SCENES



CRI > 80



MODULE EFFICACY
UP TO 81 lm/W*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 60.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Projectors and light
cannons

LED MODULE 2X6 RGBW



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	V _f (V)	I _f (mA)	# LEDs
80186700100	Red	303	620	9.5	32	27.0	350	12
		575		21.0	27	30.0	700	
	Green	869	520	13.9	63	39.6	350	
		1,346		30.2	45	43.2	700	
	Blue	149	450	13.0	11	37.2	350	
		261		27.7	9	39.6	700	
	White	966	6,500K	13.0	74	37.2	350	
		1,690		27.7	61	39.6	700	

Full power @ 350mA = 49.4W

Full power @ 700mA = 106.7W

LED MODULE 2X2 RGBW



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	V _f (V)	I _f (mA)	# LEDs
80186800100	Red	101	620	3.5	29	9.0	350	4
		192		7.0	27	10.0	700	
	Green	290	520	4.6	63	13.2	350	
		449		10.1	44	14.4	700	
	Blue	50	450	4.3	12	12.4	350	
		87		9.2	9	13.2	700	
	White	322	6,500K	4.3	75	12.4	350	
		563		9.2	61	13.2	700	

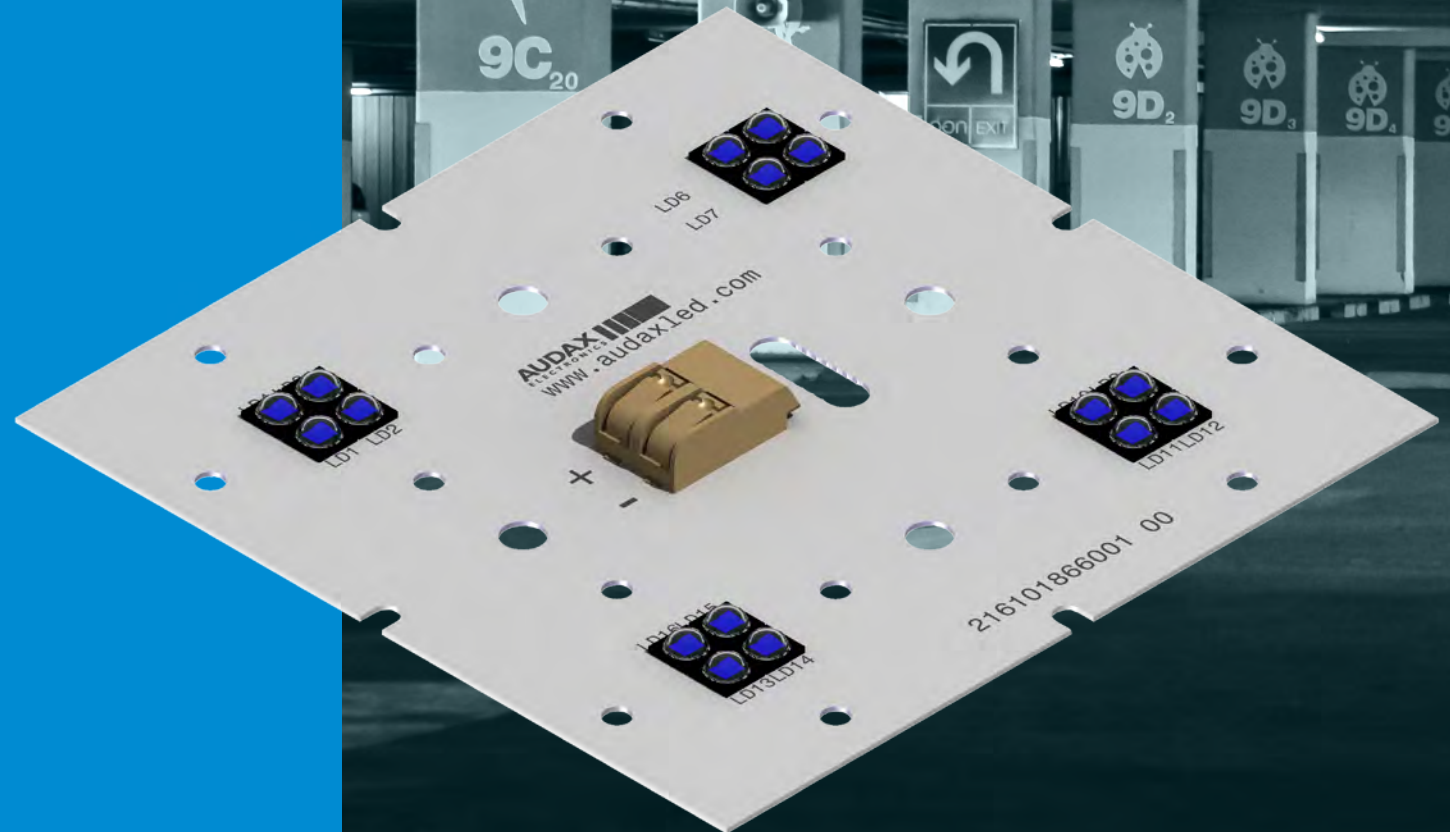
Full power @ 350mA = 16.5W

Full power @ 700mA = 35.6W



INFRA RED

INFRA RED



HIGH EFFICACY IN
SECURITY APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 30%*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



5 YEARS
WARRANTY



APPLICATIONS

Security cameras and
IR illuminators

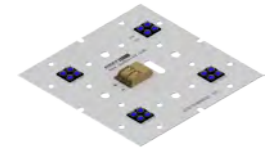
LIGHT ENGINE 2X6 12 LEDS IR



PART NUMBER	RAD. POWER (mW)	WAVELENGTH (nm)	POWER (W)	Eff. (%)	Vf (V)	If (mA)	# LEDS
80177000100	10,135	850	33.4	30%	33.4	1,000	12

Optics: 2X6-IP Family by LEDiL

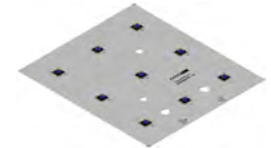
LIGHT ENGINE 2X2 16 LEDS IR



PART NUMBER	RAD. POWER (mW)	WAVELENGTH (nm)	POWER (W)	Eff. (%)	Vf (V)	If (mA)	# LEDS
80177100100	13,514	850	44.5	30%	44.5	1,000	16

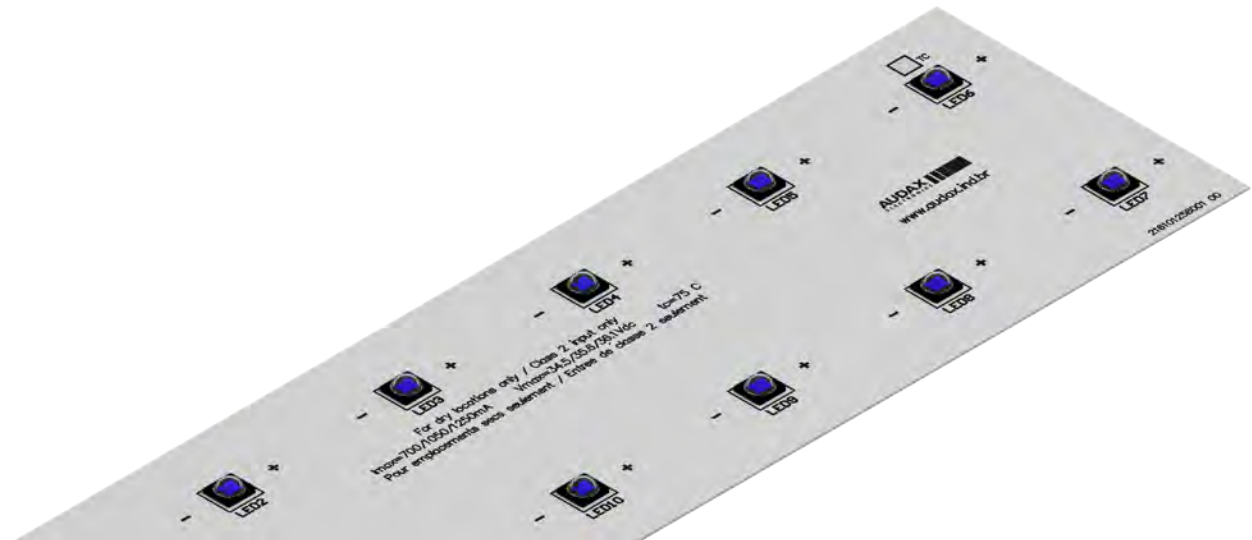
Optics: 2X2MX Family by LEDiL

LIGHT ENGINE 3X3 SQUARED 9 LEDS IR



PART NUMBER	RAD. POWER (mW)	WAVELENGTH (nm)	POWER (W)	Eff. (%)	Vf (V)	If (mA)	# LEDS
80177200100	7,601	850	25.0	30%	25.0	1,000	9

Optics: Lisa Family by LEDiL



HIGH EFFICACY IN
SECURITY APPLICATIONS



CRI > 80



MODULE EFFICACY
UP TO 30%*
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



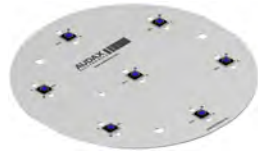
5 YEARS
WARRANTY



APPLICATIONS

Security cameras and
IR illuminators

LIGHT ENGINE ROUND 7 LEDs IR



PART NUMBER	RAD. POWER (mW)	WAVELENGTH (nm)	POWER (W)	Eff. (%)	Vf (V)	If (mA)	# LEDs
80177300100	5,912	850	19.5	30%	19.5	1,000	7

Optics: Lisa Family by LEDiL

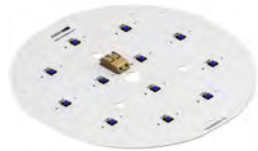
LIGHT ENGINE ROUND 9 LEDs IR



PART NUMBER	RAD. POWER (mW)	WAVELENGTH (nm)	POWER (W)	Eff. (%)	Vf (V)	If (mA)	# LEDs
80177400100	7,601	850	25.0	30%	25.0	1,000	9

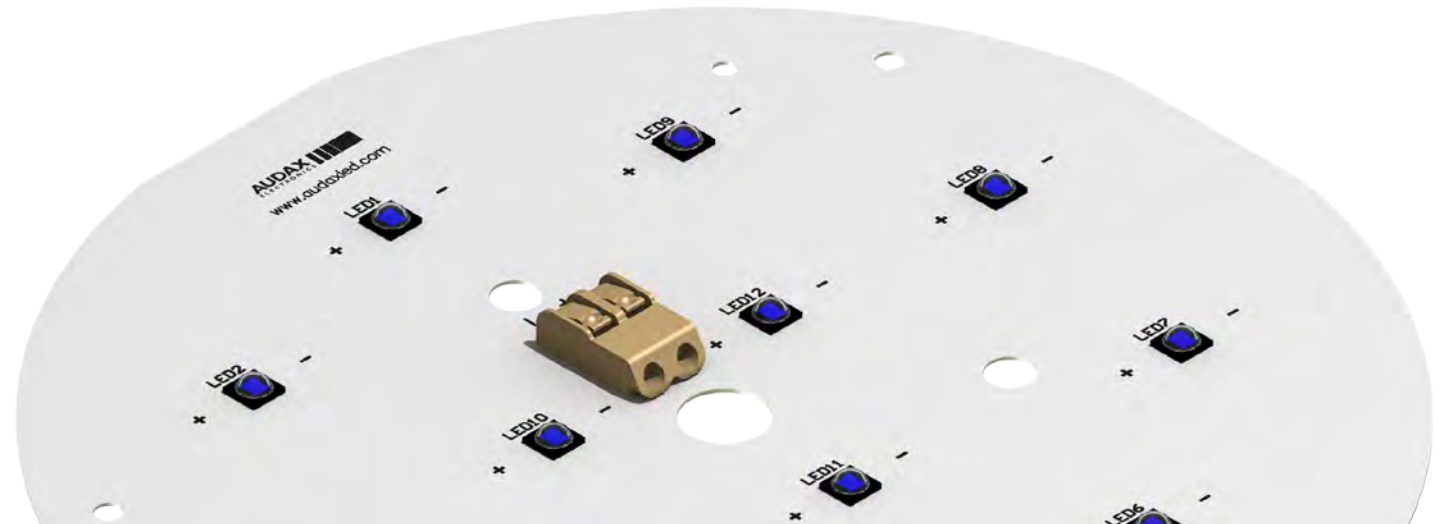
Optics: Lisa Family by LEDiL

LIGHT ENGINE ROUND 12 LEDs IR



PART NUMBER	RAD. POWER (mW)	WAVELENGTH (nm)	POWER (W)	Eff. (%)	Vf (V)	If (mA)	# LEDs
80177500100	10,135	850	33.4	30%	33.4	1,000	12

Optics: Lisa Family by LEDiL



HORTICULTURE

HORTICULTURE BARS
HORTICULTURE LINEARS
HORTICULTURE MODULAR 3R
HORTICULTURE CLUSTERS



INDOOR GROWTH
LED SYSTEMS



MODULE EFFICACY
UP TO 2 $\mu\text{mol}/\text{J}$
* $T_j=85^\circ\text{C}$



CONNECTOR
"POKE-IN"



OPERATING LIFE
L70 > 25,000 hours



YEAR
WARRANTY



APPLICATIONS

Indoor Growth
In-Vitro Tissue Culture
Aeroponics and
Hydroponics

LabPAR-SLIM

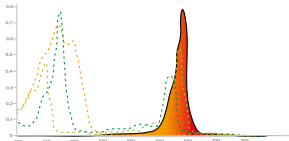


PART NUMBER	COLOR	PPF ($\mu\text{mol}/\text{s}$)	WAVELENGTH (nm)	POWER (W)	PPFW ($\mu\text{mol}/\text{J}$)	INPUT	PWM dimming	# LEDs
80058400100	DEEP RED	14.2	660	7.0	2.0	24VDC	Yes	10
80071500100	ROYAL BLUE	13.5	440	8.0	1.7	24VDC	Yes	10
80089200100	WHITE	11.5	4,000K-5,000K	9.5	1.2	24VDC	Yes	10
80110500100	PURPLE	12.4	440+660	9.6	1.3	24VDC	No	12
80110400100	LIME	9.8	500-550	9.0	1.1	24VDC	No	10

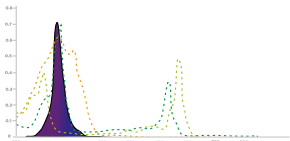
GENERAL
INFORMATION

- Specific spectrums ensures energy saving and best light formula for each crop
- Add automated control and ensure the right circadian cycle for your crop
- Low voltage input respecting electrical safety standards
- Good for multilayer culture
- Less heat in the room
- Improve your productivity
- Less bugs attraction

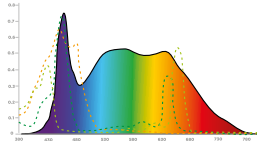
DEEP RED



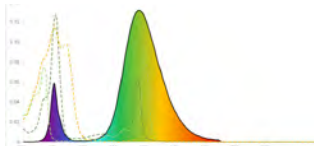
ROYAL BLUE



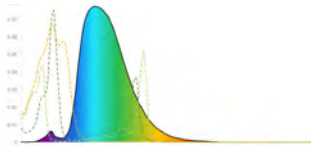
WHITE



PURPLE



LIME



BETA CAROTENE CHLOROPHYLL A CHLOROPHYLL B LED SIMULATION



LET IT GROW!

INDOOR GROWTH LED
SYSTEMS

MODULE EFFICACY
UP TO 90 LM/W*
*T_c= 60 °C



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70> 50.000 hours



5 YEARS
WARRANTY



APPLICATIONS

Indoor Growth
In-Vitro Tissue Culture
Aeroponics and
Hydroponics

LIGHT ENGINE Linear Fit 560 x 20mm



PART NUMBER	COLOR	PPF (μmol/s)	WAVELENGTH (nm)	POWER (W)	PPF/W (μmol/J)	If Nom. (mA)	#LEDs
80178200100	Purple	35.1	440+660	15.9	1.9	700	32
80178300100	Lime	29.6	500-550	18.4	1.6	700	32
80178400100	Royal Blue	26.9	440	17.7	1.5	700	32
80178500100	Deep Red	24.0	660	12.1	2.0	700	32
80178600100	Far Red	18.2	720	11.0	0.2	700	32
80178700100	Full Spectrum White	25.2	3,000K	15.4	1.6	600	32
80178800100	Full Spectrum White	25.4	4,000K	15.4	1.6	600	32
80178900100	Full Spectrum White	23.9	5,000K	15.4	1.5	600	32

LIGHT ENGINE Linear Performance 560 x 40mm



PART NUMBER	COLOR	PPF (μmol/s)	WAVELENGTH (nm)	POWER (W)	PPF/W (μmol/J)	If Nom. (mA)	#LEDs
80179000100	Purple	70.3	440+660	31.9	1.9	700	64
80179100100	Lime	59.1	500-550	36.7	1.6	700	64
80179200100	Royal Blue	53.9	440	35.4	1.5	700	64
80179300100	Deep Red	47.9	660	24.2	2.0	700	64
80179400100	Far Red	36.4	720	22.0	0.2	700	64
80179500100	Full Spectrum White	50.3	3,000K	30.9	1.6	600	64
80179600100	Full Spectrum White	50.7	4,000K	30.9	1.6	600	64
80179700100	Full Spectrum White	47.8	5,000K	30.9	1.5	600	64

LIGHT ENGINE Linear HP 560 x 20mm



PART NUMBER	COLOR	PPF (μmol/s)	WAVELENGTH (nm)	POWER (W)	PPF/W (μmol/J)	If Nom. (mA)	#LEDs
80179800100	Royal Blue	53.9	440	29.7	1.8	700	15
80179900100	Deep Red	53.3	660	23.4	2.3	700	15
80180000100	Far Red	40.0	720	19.8	0.2	700	15
80180100100	Royal Blue + Deep Red	53.5	440+660	25.5	2.1	700	15

LIGHT ENGINE Linear UV 560 x 20mm



PART NUMBER	COLOR	RAD. POWER (mW)	WAVELENGTH (nm)	POWER (W)	EFF. (%)	If Nom. (mA)	#LEDs
80123100100	UV	1.726	395	8.6	20.1	700	4



INDOOR GROWTH LED
SYSTEMSMODULE EFFICACY
UP TO 2.1 $\mu\text{mol/J}$
*T_j=85°CCOLOR
CONSISTENCY
03 SDCMOPERATING LIFE
L70> 50,000 hours5 YEARS
WARRANTYAPPLICATIONS
Green Houses

LIGHT ENGINE 66 LEDs Purple



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80182200100	97.9	440+660	48.3	1.7	1,500	66

LIGHT ENGINE 33 LEDs Deep Red +.Royal Blue



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80182300100	117.7	440+660	56.1	2.1	2,100	33

LIGHT ENGINE 66 LEDs Deep Red +.Royal Blue



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80182400100	235.5	440+660	112.2	2.1	2,100	66

LIGHT ENGINE 66 LEDs Full Spectrum.White



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80182500100	51.9	3000K	31.9	1.6	900	66
80182600100	52.3	4000K	31.9	1.6	900	66
80182700100	49.2	5000K	31.9	1.5	900	66

LIGHT ENGINE 132 LEDs Full Spectrum.White



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80182800100	103.8	3000K	63.7	1.6	900	132
80182900100	104.6	4000K	63.7	1.6	900	132
80183000100	98.5	5000K	63.7	1.5	900	132

INDOOR GROWTH LED
SYSTEMS

MODULE EFFICACY
UP TO 2.1 $\mu\text{mol/J}$
* $T_j=85^\circ\text{C}$



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 50,000 hours



5 YEARS
WARRANTY



APPLICATIONS
Green Houses

LIGHT ENGINE 2x2 16 LEDs RB



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80111200100	82.4	440+660	42.9	1.9	1,050	16

LIGHT ENGINE 2x2 16 LEDs RBF



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80184100100	76.9	440+660+720	41.2	1.5	1,050	16

LIGHT ENGINE COB 26W RB 19x16mm



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80184200100	57.0	440+660	26.6	2.1	700	16

LIGHT ENGINE COB 60W RB 24x19mm



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80184300100	128.4	440+660	61	2.1	700	36

LIGHT ENGINE COB 8W UV 15x12mm



PART NUMBER	PPF ($\mu\text{mol/s}$)	WAVELENGTH (nm)	POWER (W)	PPF/W ($\mu\text{mol/J}$)	If Nom. (mA)	# LEDs
80184400100	1,726	395	8.6	20.1	700	4

POOLS

POOLS



LIVE AND BRIGHT
COLORS



CRI > 80



MODULE EFFICACY
UP TO 102 lm/W
*T_j=85°C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 25,000 hours



1 YEAR
WARRANTY



APPLICATIONS

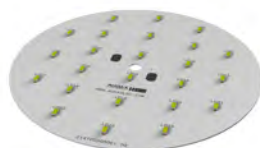
Pools
Cascades

LIGHT ENGINE LINEAR 296x11,5mm RGB



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/ Wavelength (nm)	POWER (W)	Eff. (lm/W)	Input (V)	# LEDs
80177800100	Red	23	625	0.5	45	12	12
	Green	66	525	0.7	89		
	Blue	19	450	0.7	25		

LIGHT ENGINE ROUND Ø81mm

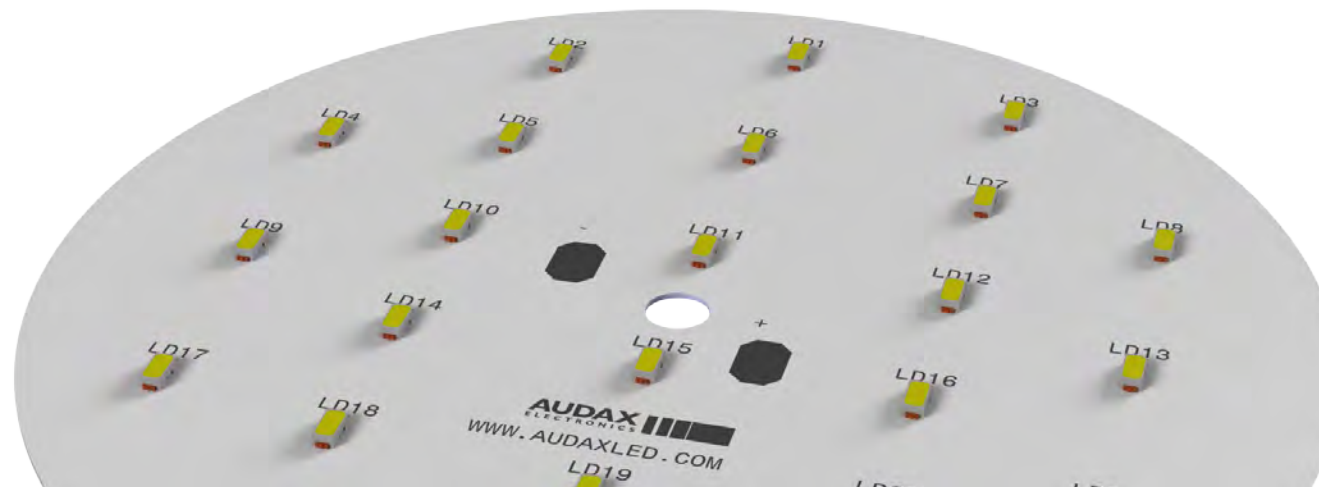


PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/ Wavelength (nm)	POWER (W)	Eff. (lm/W)	Input (V)	# LEDs
80020700100	White	528	5,000K	6.0	88	12	24
80020800100	Blue	120	470	15.0	8	12	24

LIGHT ENGINE ROUND Ø29mm



PART NUMBER	COLOR	LUM. FLUX (lm)	CCT/ Wavelength (nm)	POWER (W)	Eff. (lm/W)	Input (V)	# LEDs
80020900100	White	408	6,500K	4.0	102	12	3
80021000100	Blue	84	470	4.0	21	12	3





AUTOMOTIVE

AUTOMOTIVE



GENERAL AUTOMOTIVE
SOLUTIONS

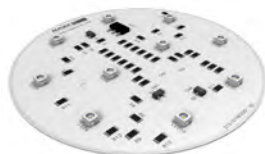
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MODULE EFFICACY
UP TO 94 lm/W
*T_j=85°CCOLOR
CONSISTENCY
03 SDCMOPERATING LIFE
L70> 60,000 hours5 YEARS
WARRANTY

APPLICATIONS

Tail Lamp
CHMSL,
Side Mirror
Head Lamp
Auxiliary Lamp

LIGHT ENGINE ROUND Ø75mm



PART NUMBER	FUNCTION	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Input (V)	#LEDs
80181200100	STOP AND POSITION	RED ORANGE	69	615	3.0	23	12	10
80181300100	TURN SIGNAL	AMBER	69	591	3.0	23	12	10

LIGHT ENGINE 160x25mm



PART NUMBER	FUNCTION	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Input (V)	#LEDs
80181400100	STOP	RED ORANGE	55	615	2.0	28	12	8

LIGHT ENGINE 150x11,5mm



PART NUMBER	FUNCTION	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Input (V)	#LEDs
80181500100	TURN SIGNAL	AMBER	55	591	2.0	28	12	3

LIGHT ENGINE ROUND Ø162mm



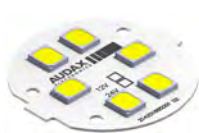
PART NUMBER	FUNCTION	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Input (V)	#LEDs
80181600100	DRL	WHITE	660	5,000K	7.0	94	12	30
80181700100	TURN SIGNAL	AMBER	110	591	6.0	18	12	16

LIGHT ENGINE 40x15mm



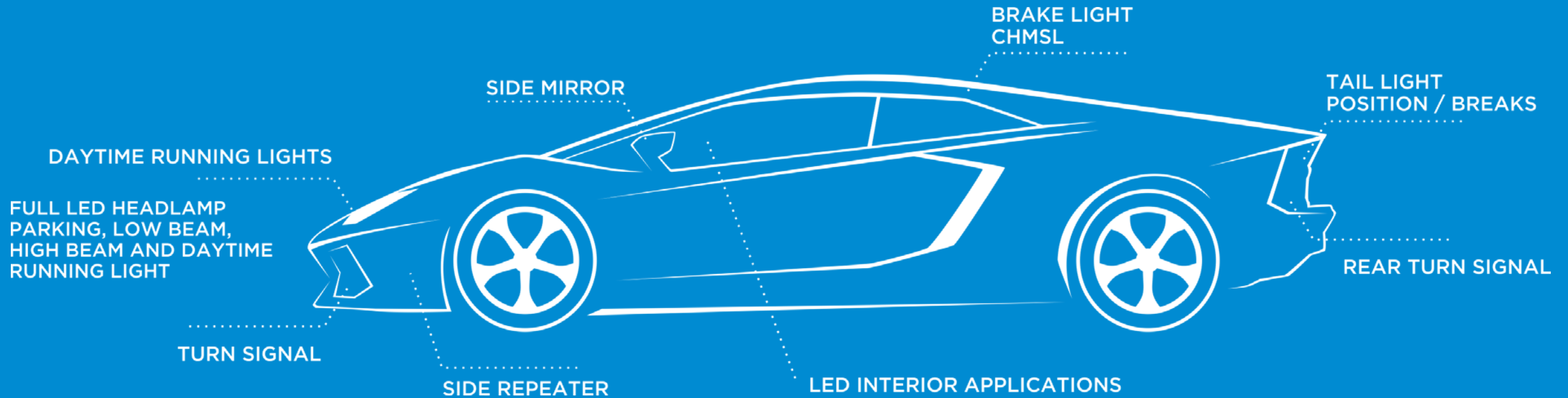
PART NUMBER	FUNCTION	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Input (V)	#LEDs
80105600100	SIDE MARKER	WHITE	56	5,000K	2.0	28	12-24	1

LIGHT ENGINE ROUND Ø21mm



PART NUMBER	FUNCTION	COLOR	LUM. FLUX (lm)	CCT/Wavelength (nm)	POWER (W)	Eff. (lm/W)	Input (V)	#LEDs
80119200100	SIDE MARKER	WHITE	336	5,000K	4.0	84	12	6
80119300100	SIDE MARKER	WHITE	336	5,000K	4.0	84	24	6

LED TYPICAL APPLICATIONS



REFRIGERATION

REFRIGERATION

LIGHTING SYSTEMS FOR
REFRIGERATORS AND SELF
SERVICE MACHINES



CRI > 80



MODULE EFFICACY
UP TO 90 LM/W*
*T_c = 60 °C



CONNECTOR
"POKE-IN"



COLOR
CONSISTENCY
03 SDCM



OPERATING LIFE
L70 > 50.000 hours

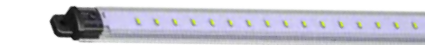


YEAR
WARRANTY



APPLICATIONS

Refrigerators
Freezers
Self Service Machines



AC SOLUTIONS

LOW POWER

- Homogeneous or punctual luminous flux
- Low cost solutions
- DOB: Driver on board

DC SOLUTIONS

MID POWER

- High efficacy
- Homogeneous or punctual luminous flux
- Control by external driver

AC SOLUTIONS

MID POWER

- Homogeneous or punctual luminous flux
- Low cost solutions
- DOB: Driver on board



GENERAL ELECTRONICS

GENERAL
ELECTRONICS



AUDAX
ELECTRONICS

SURGE PROTECTION DEVICE 10kA / 275VAC



PART NUMBER	Operating Voltage (Uc)	Voltage Protection Level (UI)	Nominal Discharge Current (8/20µs)	Maximum Discharge Current (8/20µs)	Protection Rating
80138400100	275 VAC - 350 VDC	1,5kV	5kA	10 kA	IP67

RGBW PROGRAMMABLE DRIVER BLUETOOTH



PART NUMBER	Operating Voltage (V)	Smartphone Connectivity	Wireless Distance	PWM Output Channel	PWM Frequency (Hz)
80180200100	5 - 12	Bluetooth 3.0 and up	> 10 meters at open area	4	400

DIMMER 12V IP68

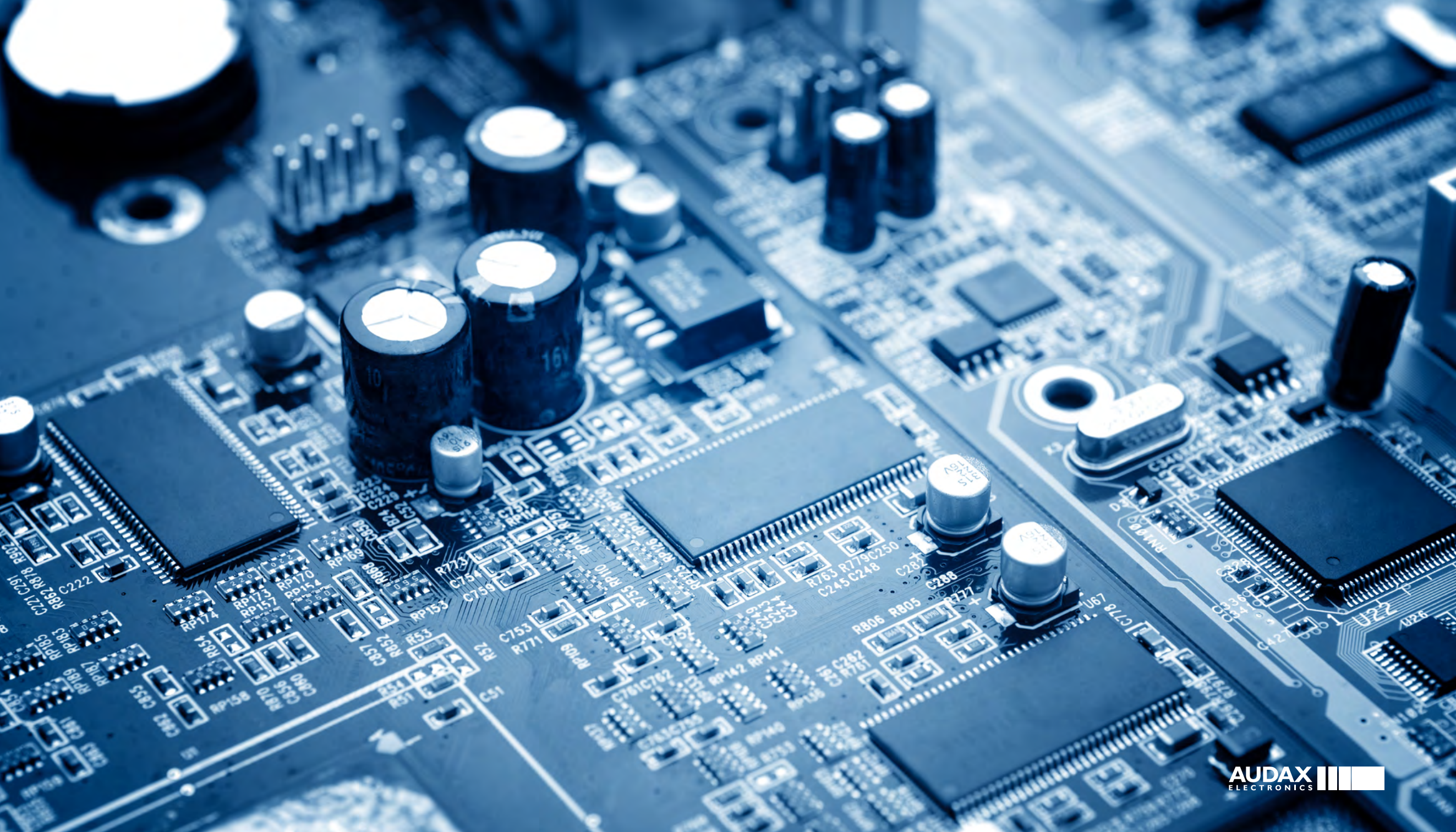


PART NUMBER	Input Voltage (V)	Output Voltage (V)	Max. Output Current per Channel (A)	Output Channel	Power (W)	Protection Rating
80180300100	12 - 36	1.25 - 12	3	1	36	IP67

DRIVER TUNABLE WHITE DCDC 24V



PART NUMBER	Input Voltage (V)	Output Voltage (V)	Max. Output Current per Channel (A)	Output Channel	Power (W)	Protection Rating
80180400100	24 - 36	1.25 - 24	3	2	72	IP67



LED DRIVERS

LED DRIVERS



CONSTANT CURRENT- FULL RANGE

LED Driver 3W 350mA 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80032000100	EBP003C0350SS	100-240	5.0-8.0	350	>64	>0.45	58 x 28 x 21

LED Driver 3W 700mA 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80005500100	EBP003C0700SS	100-240	2.5-4.0	700	>64	>0.45	58 x 28 x 21

LED Driver 6W 350mA 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80046300100	EIP006C0350SH	100-240	6.5-17.5	350	>75	>0.80	68 x 35 x 20

LED Driver 8W 200mA 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80158400100	EIP008C0200LHS	100-240	20.0-40.0	200	>80	>0.50	88 x 39 x 22

LED Driver 8W 350mA 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80043800100	EIP008C0350LHS	100-240	11.5-23.0	350	>80	>0.50	88 x 39 x 22

LED Driver 12W 250mA 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80158500100	EIP012C0250LHS	100-240	28.0-48.0	250	>80	>0.50	88 x 39 x 22

LED Driver 12W 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80046400100	EIP012C0350LHL	100-240	20.5-34.5	350	>82	>0.90	105 x 42 x 24

LED Driver 21W 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80046600100	EIP021C0350LX	100-240	40.0-60.0	350	>86	>0.90	115 x 45 x 27

LED Driver 30W 100-277V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80158600100	EWP030C0700LER	100-277	25.5-43.0	700	>85	>0.90	164 x 43 x 32

CONSTANT CURRENT- FULL RANGE

LED Driver 40W 100-277V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80158700100	EWP040C0800LER	100-277	30.0-50.0	800	>89	>0.90	164 x 43 x 32

LED Driver 21W 220-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80050500100	EIP021C0700L2	220-240	18.0-30.0	700	>86	>0.90	115 x 45 x 27

CONSTANT CURRENT- 220V-240V

LED Driver 40W 220-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80050600100	EIP040C0700LI	220-240	34.5-57.5	700	>88	>0.90	142 x 45 x 30

LED Driver 60W 220-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80050700100	EIP060C0700L2	220-240	51.0-92.0	700	>88	>0.90	156 x 50 x 33

LED Driver 12W 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80123700100	LD012L-VU10012-02	100-240	12,0	1000	>76	>0.50	74 x 35 x 23

CONSTANT VOLTAGE 12V

LED Driver 36W 100-240V_{AC} IP67

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80123800100	LD036LVU30012-Y1	100-240	12,0	3000	>83	>0.50	110 x 35 x 25

LED Driver 60W 100-240V_{AC}

PART NUMBER	MFR. PART NUMBER	V _{AC} (V)	V _{OUT} (V)	I _{OUT} (mA)	Eff. %	PFC	L x W x H
80141700100	LD060L-VU50012-40	100-240	12,0	5000	>83	>0.50	163 x 44 x 33

LED SOLUTION FORMULA

AUDAX ELETRONICS develops and manufactures solid state lighting systems of the highest quality, with the latest technologies of the market to assist all customers in design and production of new products.

START



CUSTOMER SPECIFICATION

EFFICACY
PERFORMANCE
APPLICATION
COST
ENERGY SAVING
COLOR TEMPERATURE
COLOR RENDER INDEX
POWER
VOLTAGE
LUMEN MAINTENANCE
MECHANICAL



MECHANICAL
DESIGN



OPTICAL
SIMULATIONS



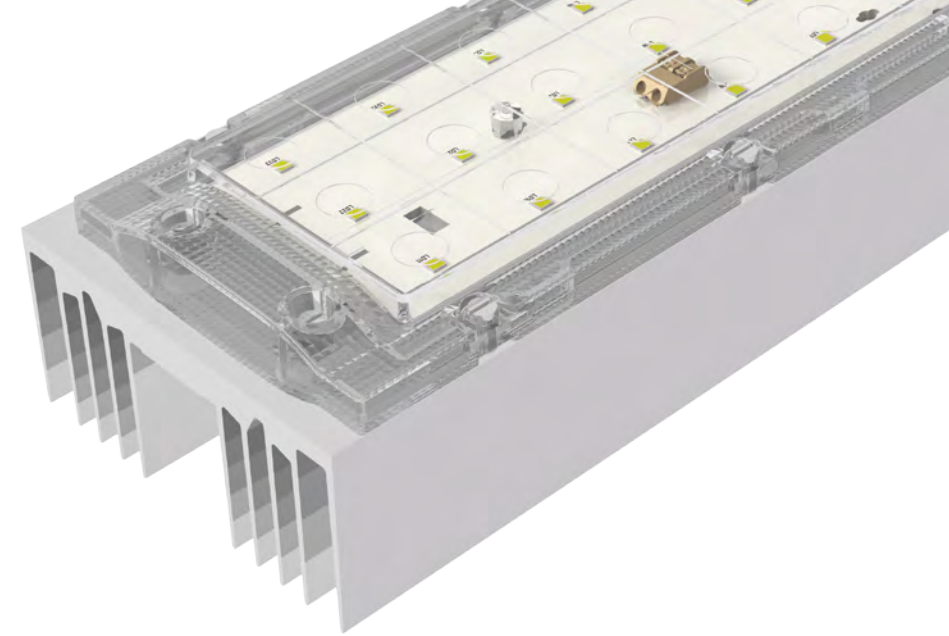
THERMAL
VALIDATION



ELECTRONIC
DESIGN



ASSEMBLY &
PROTOTYPES



OPTIMIZED CUSTOM SOLUTION



Developing of Light Engine includes the electronic module design with LEDs and connectors, all mechanical modeling, sizing heat sinks and thermal validation, as well as optics and IES files.

LED SOLUTION
FORMULA



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SPECIFICATION GUIDE