

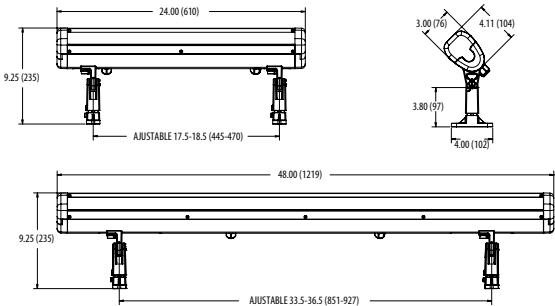


Specifications

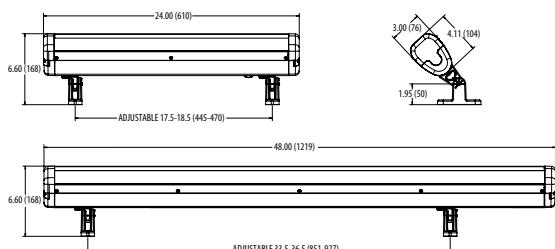
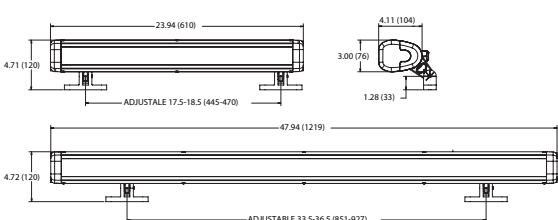
Weight:	4' 17.5lbs
	2' 12.5lbs

DIMENSIONS

KM MOUNTING



KMS MOUNTING

KMSR MOUNTING
(Rotated Knuckle Mount Foot)

4750L RGBW

Linear RGBW

HIGHLIGHTS

- The 4750L delivers industry leading durability, performance and lumen output
- Superior water resistance IP67 with Hydrel "Flow-Thru" technology, water flows around the independently sealed integral driver module and sealed LED module
- Aiming integrity with a fully adjustable and rugged knuckle design using Taper-Lock technology 7 knuckle mount options available to meet various height and aiming requirements
- Long life in the most demanding environments with low copper content housing materials, stainless steel fasteners, and durable powder coat finish options for Coastal Regions and Natatoriums
- 3G vibration rated per ANSI C136.31
- Available in 2ft and 4ft increments

5 YEAR
warranty

LED

IP67



BAA

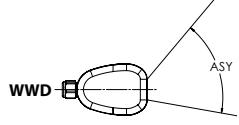
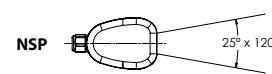
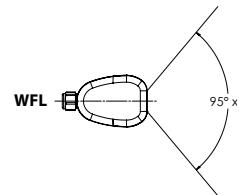
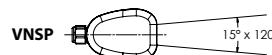
BABA

LUMEN PACKAGES

	VNSP	NSP	MFL	WFL	WWD
Delivered Lumens	3577	3592	4170	4230	3922
Watts	56	56	56	56	56
LPW	63	64	74	75	72
Peak Candela	7733	5239	2361	1781	2942

Note: Information based on 100% output on 4FT fixture

STANDARD DISTRIBUTION



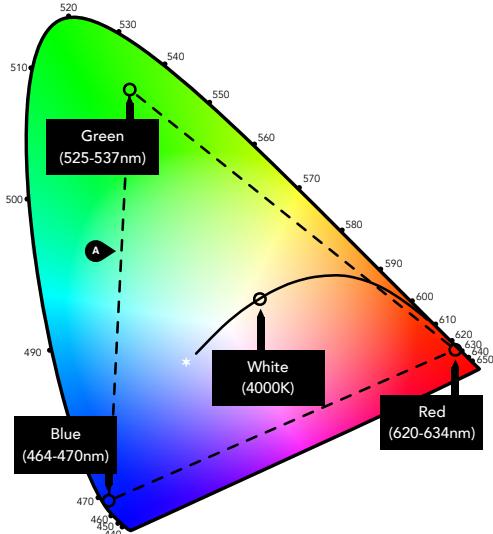
ORDERING INFORMATION

EXAMPLE: 4750L 4FT 1000LMF RGBW MVOLT VNSP KM EA6 CSL10 DMX BL

Model*	Max Fixture Length*	LED Output*	LED Dynamic Range*	Voltage*	Distribution*	Mounting*
4750L LED Linear Flood	4FT 4' (nominal length) 2FT 2' (nominal length)	1000LMF 1000 nominal lumens per foot Note: May vary based on distribution.	RGBW Red, Green, Blue, White (40K white 80CRI)	MVOLT 120-277 volt	VNSP 15 x 120 degrees NSP 25 x 120 degrees MFL 60 x 120 degrees WFL 95 x 120 degrees WWD Wall Wash (Asymmetric)	KM Knuckle Mount 45° KMS Knuckle Mount Short 45° KM90 Knuckle Mount 90° KMS90 Knuckle Mount short 90° KMR90 Rotated Knuckle Mount 90° KMSR Rotated Knuckle Mount Short KMSR90 Rotated Knuckle Mount Short 90° Note: KMS, KMS90, KMR90, KMSR and KMSR90 are not available with mounting accessories

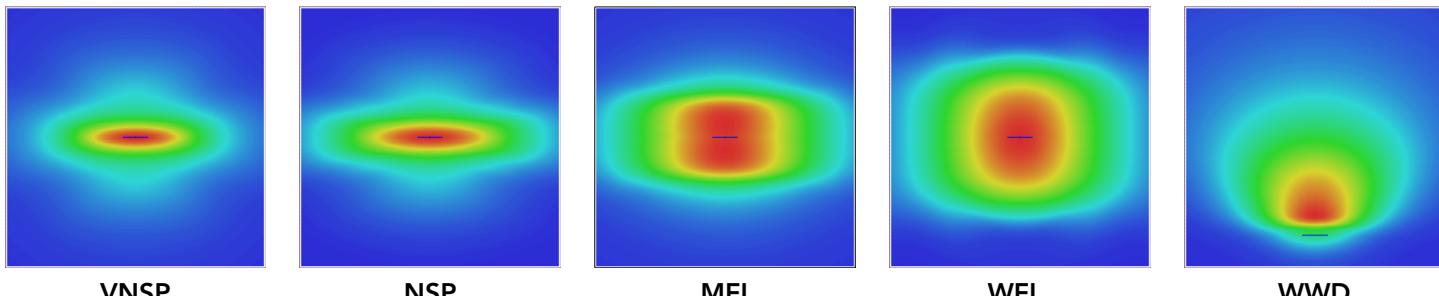
Mounting Accessories	Accessories	Cord Length*	Control Input*	Environmental Options	Finish*
JB4750L Aluminum junction box	EA6 extended arm 6"	CSL__ 10'-50' of cable available in 5' increments	DMX DMX DARK	MRE Marine Environment	BL Black Textured
MS12 12" Steel mounting spike	EA12 extended arm 12"			NT Natatorium Construction	BZ Bronze Textured
MS18 18" Steel mounting spike	EA18 extended arm 18"			CR Corrision Resistant	DBLB Designer Black Textured
PSSA Pedestal Stanchion Splice Access	FVSR Full Visor				DBBT Designer Bronze Textured
SMSA Stanchion mount splice access. Available 12"-48" in 6" increments	HVSF Half Visor				DNAT Designer Natural Aluminum Textured
	Note: Full visor includes top and bottom shield.				GN Green Textured
	Half Visor is top only for all distributions except wall wash which is bottom only.				GR Grey Textured
					SND Sand Textured
					STG Steel Gray Textured
					TVG Terra Verde Green Textured
					WH White Textured
					DBL Designer Black Smooth
					ddb Designer Bronze Smooth
					DNA Natural Aluminum Smooth
					DWH Designer White Smooth
					CF Custom Finish
					RALTBD Ral Paint Finishes
					Note: RALTBD for pricing only, replace with applicable RAL call out when ready to order. See the RALBROCHURE for available options. It is recommended only use textures paint for Hydrel fixtures.

Note: * is a required field



A RGBW Range within triangle formed by RGB

PERFORMANCE DATA



LUMEN OUTPUT 4' FIXTURE

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

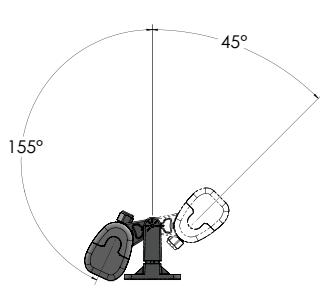
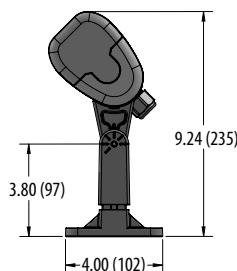
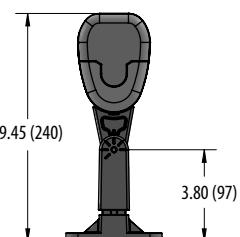
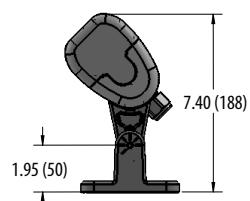
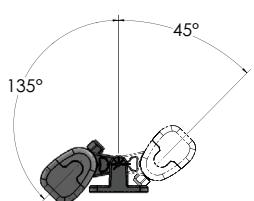
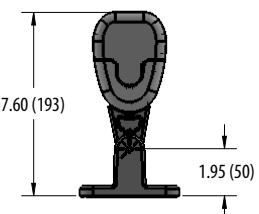
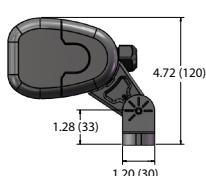
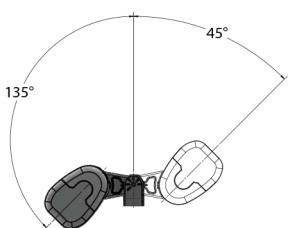
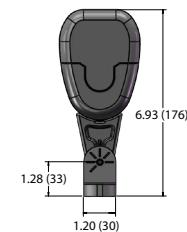
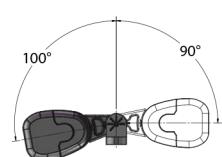
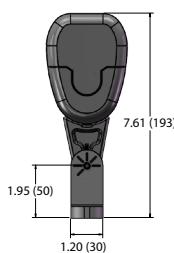
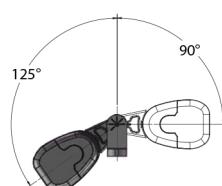
LED Output	Nominal System Watts	Distribution Type	Field Angle		Beam Angle		RGBW (4ft)		
			°H	°V	°H	°V	Max Cd	Lumens	LPW
1000LMF	56	VNSP	109.6	39.2	63.2	12.1	7733	3576.9	63.47
		NSP	144.0	39.8	98.4	15.7	5239	3591.8	64.01
		MFL	148.4	84.5	106.7	61.3	2361	4170	73.68
		WFL	149.6	109.2	106.8	94.9	1781	4229.7	74.72
		WWD	146.9	78.6	100.7	46.3	2942	3922	72.14

LUMEN OUTPUT 2' FIXTURE

LED Output	Nominal System Watts	Distribution Type	Field Angle		Beam Angle		RGBW (2ft)		
			°H	°V	°H	°V	Max Cd	Lumens	LPW
1000LMF	28	VNSP	109.5	39.2	63.1	12.2	3875	1788.5	63.88
		NSP	143	39.6	99.1	15.8	2617.1	1796.1	64.15
		MFL	148	84.5	107.4	61.3	1184.4	2085.2	74.47
		WFL	149.6	109.2	107	94.8	894	2114.7	75.53
		WWD	145.5	77.9	100.8	46.1	1475.5	1961.2	70.04

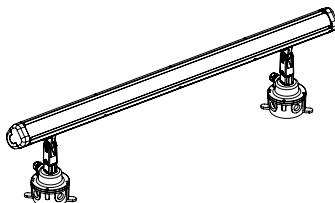
MOUNTING OPTIONS

KNUCKLE MOUNTING AND AIMING DETAILS

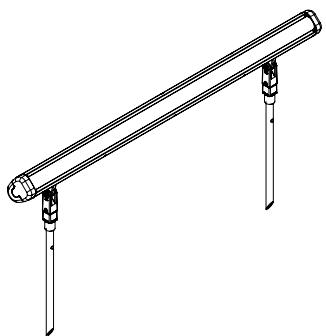
**KM****KM90****KMS****KMS90****KMSR****KMSR90****KMR90**

MOUNTING ACCESSORIES

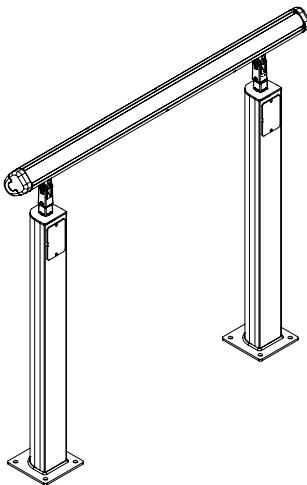
MOUNTING ACCESSORIES - is supplied with 1/2" NPS adaptor. Suitable for ground mounting.



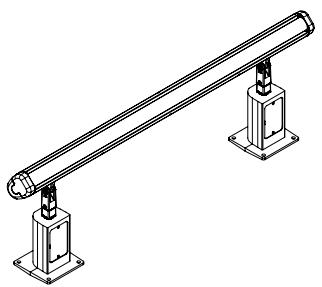
JB4750L Junction Box



**MS12 Mounting splice available in
12" and 18"**

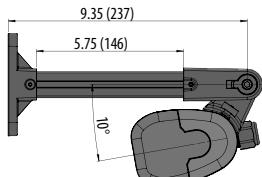


**SMSA12 Mounting
available in 12"-48"
in 6" increments**

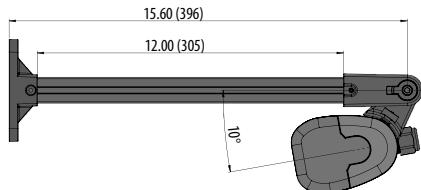


PSSA Mounting

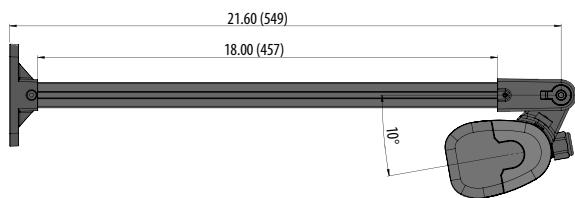
EXTENDED ARM Suitable for wall or surface mount



EA64750L



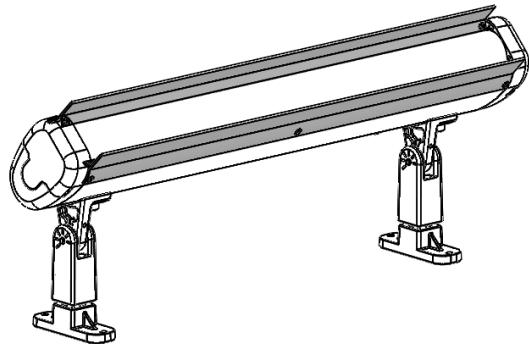
EA124750L



EA184750L

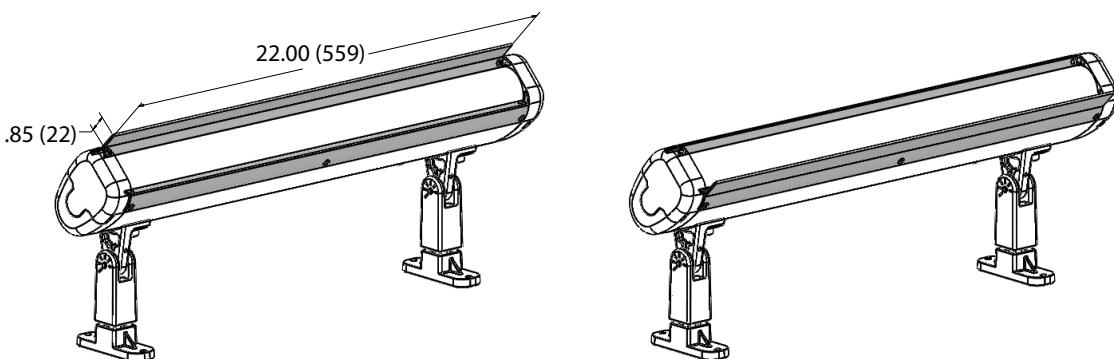
EXTERNAL ACCESSORIES

VISORS



FVSR4750L

FULL VISOR is supplied with top and bottom visor.



HVSR4750L

HALF VISOR are factory installed on top side except for wall wash distribution which is installed on the bottom.
Visors: Can be field installed and moved from top to bottom if desired.

ACCESSORY OPTIONS

TAKE CONTROL

Hydrel lighting solutions bring ease of use, innovation, and next-generation control features to commercial, underwater, and architectural outdoor applications. We offer a dedicated team of specification engineers to take you through lighting design, the specification process, to the installation of our fixtures. We simplify the complex and help you create the right layer of light for any outdoor lighting environment. Find the right architectural outdoor fixture, controls, and network connectivity with Hydrel Lighting Solutions.

FRESCO CONTROL SYSTEM

Series	Model	Options	Finish
FCS Fresco Control System	7TSN 7" touchscreen with nLight port	X DMX/RDM control	DBL Black DWH White DNA Natural Aluminum

Refer to [FRESCO](#) spec sheet for additional details and options.



EASYL - LED SHOW CONTROLLER WITH LCD TOUCHSCREEN

Series	Voltage	Finish
EZSOLO	Easy Solo	MVOLT 120V-277V VAC, 50/60Hz
EZTOUCH	Easy Touch	BK Black
EZPRO	Easy Pro	Wh White



PATHWAY Connectivity Solutions- DMX lighting and networking with scalable networks



DMX512 networks create dynamic lighting. Dynamic lighting often brings a lot of color and movement to spaces. The DMX512 lighting protocol was created to serve the needs of performance lighting, such as in theaters or music venues. A DMX network is designed to support large amounts of data continually moving between controllers and luminaires, and at very high speeds. Many non-performance lighting applications also rely on DMX networks, to support RGB LED luminaires featured in applications such as building façades, hotel lobbies and corporate reception areas.

A DMX network always includes a controller and luminaires that are compatible with the DMX protocol. As well, DMX lighting systems must include network devices that route the DMX data to different locations between the controllers and luminaires.

[Pathway Connectivity](#) provides these network devices, creating robust and secure network backbones. Pathway devices create bridges between Ethernet and DMX, and DMX and other kinds of lighting control protocols, such as RDM, nLight® or 0-10v.

DMX-RDM Repeater with Power in IP65 Enclosure

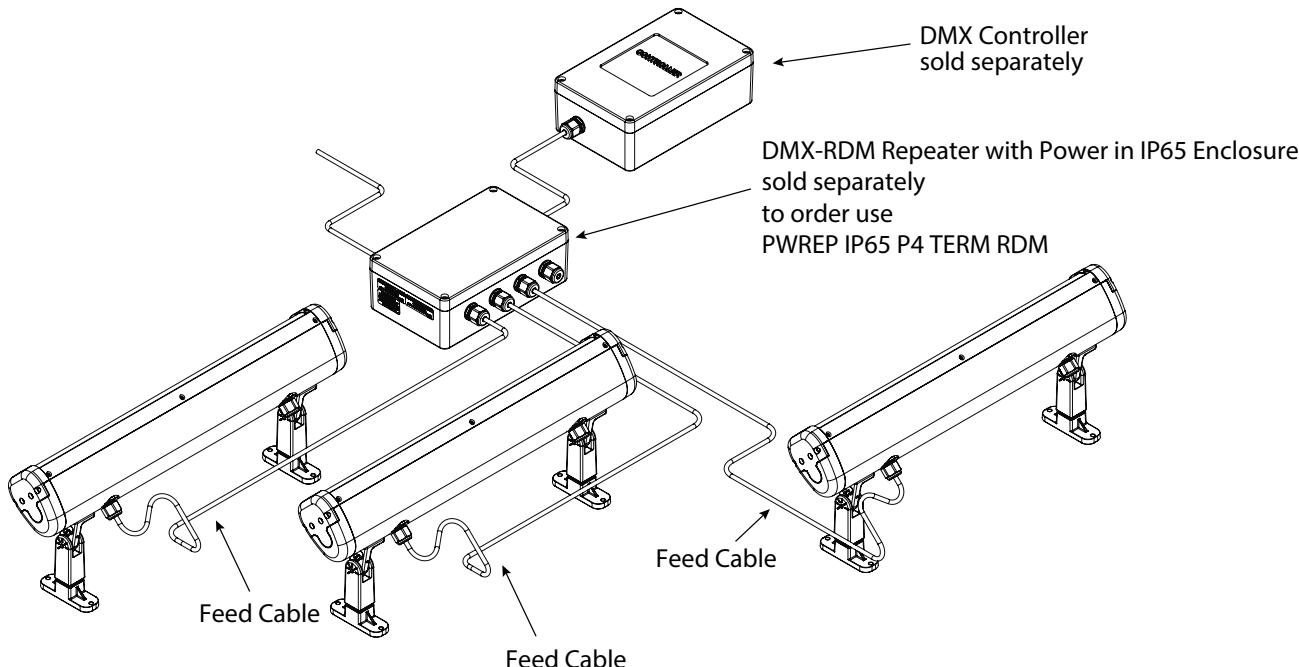
Model
PWREP IP65 P4 TERM RDM DMX-RDM Repeater with Power in IP65 Enclosure

Refer to [PWREP IP65](#) spec sheet for additional details.

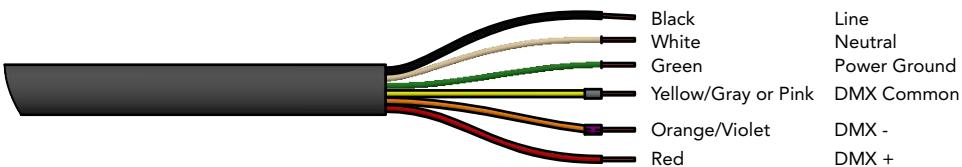


WIRING AND LAYOUT DESIGN

INDIVIDUAL RUN LAYOUT



Feed Cable Wiring Detail - DMX RGBW & TUWH Fixture



SPECIFICATIONS AND FEATURES

MATERIAL: Copper free die cast aluminum and corrosion resistant extruded aluminum. All stainless steel fasteners.

LIGHT SOURCE: RGBW Red, Green, Blue, White 1000LMF.

VOLTAGE: MVOLT 120-277

DISTRIBUTION: VNSP (10x), NSP (20x), MFL (55x), WFL (100x), WWD (wall wash Asymmetric).

LENS: High clarity acrylic, superior UV resistant.

MOUNTING: Seven (7) knuckle mount style options are available to meet a variety of application requirements for fixture height and range of aiming adjustability: KM (Knuckle Mount 45°), KMS (Knuckle Mount Short 45°), KM90 (Knuckle mount 90°), KMS90 (Knuckle mount short 90°), KMSR (Rotated Knuckle Mount Short 45°), KMR90 (Rotated Knuckle Mount 90°), or KMSR90 (Rotated Knuckle Mount Short 90°). Mounting feet are either perpendicular (KM, KMS, KM90, KMS90) or parallel (rotated) to the fixture length (KMSR, KMR90, KMSR90).

FINISH: Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climates without cracking or peeling.

CORD DETAILS: Provided with black cord MVOLT - 18-6 SJTOW 10ft. length. 347 - 16-5 STW 10ft. length.

LISTING: cCSAus. MRE (Marine Environment) is listed to UL1598a. IP67 rated.

ENVIRONMENT: Suitable for outdoor wet location applications. Suitable for indoor, non-IC rated applications, maximum 45° C and minimum -20° C ambient operating temperatures.

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Consult factory for details.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.