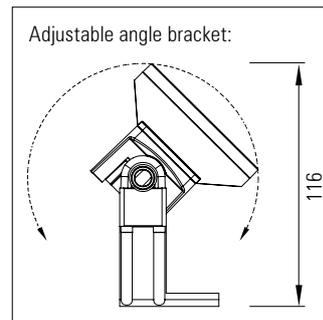
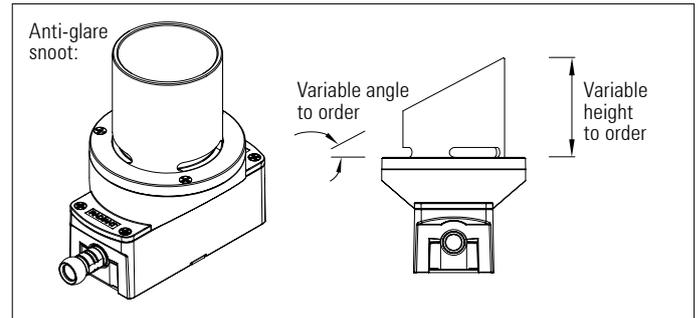
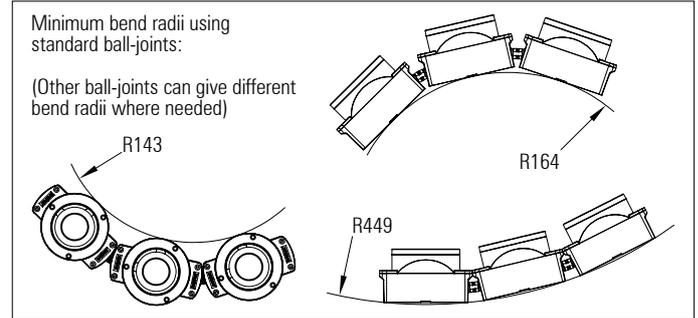
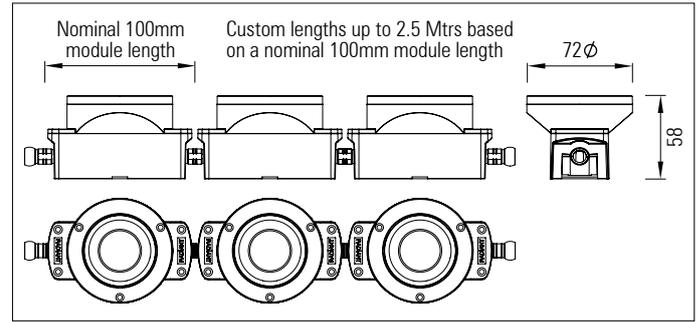


3D LED Flex 40 RGBW IP66

1 x RGBW LED array with colour-blending lens per module

Modular, 3D flexible LED linear lighting system



1 x RGBW LED array with Gaggione colour-blending lens per module

Modular, 3D flexible LED linear lighting system

Product description:

For use in exterior lighting applications where the building surfaces are non linear with curved profiles

Each module - 4 x Luxeon Z or C LEDs, with a highly efficient colour-blending Gaggione lens

Up to 4.5 Watts per 100mm module. Up to 48 V DC supply

Flexible in 3 dimensions - Articulated ball-joint system between modules

LED pitch is maintained between the modules

Side, back and end power feed and connector options allow for continuous lighting with no dark areas between fixtures. 17.5 Amp IP68 connectors join fixtures together on-site

Integral LV constant current driver or remote Eldoled 4 Channel DMX driver

Remote DMX / DALI controller can be located up to 50 mtrs from the LED system

Satin black, satin white or any RAL paint colour finish

Custom lengths based on a 100 mm module up to 2.5 mtrs

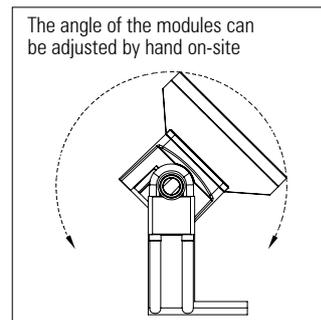
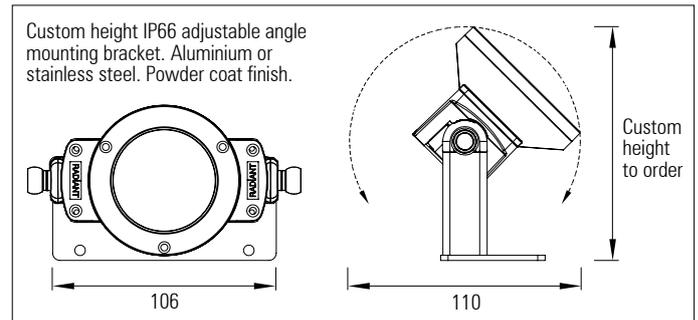
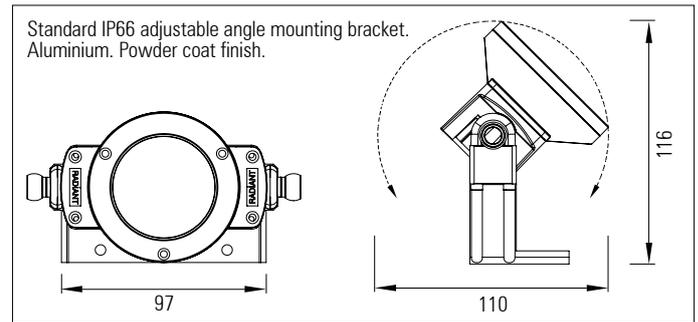
Various mounting options and bracket types are available

Product Code	No. of LEDs per mtr.	IP	Length (mm)	LED Type	Optics (°)	Colour Temp. (K)	CRI	Cover	Bracket Type	Feed	Finish
RAD 3D LED FLEX 40 IP66 RGBW - 4 L	40 LEDs per Mtr: (100mm spacing between LED arrays)	66	100mm -increments of 100mm up to- 2,500mm	Luxeon Z LEDs Luxeon C LEDs	Gaggione lenses: N, M, W, E (See attached Gaggione data sheets for details)	27=2,700k 30=3,000k 35=3,500k 40=4,000k 45=4,500k 50=5,000k RGB RGBW RGBA Dynamic white	80 90	Clear	Adjustable Fixed Custom	End Back Side	Black White Any RAL-colour

3D LED Flex 40 RGBW IP66

1 x RGBW LED array with colour-blending lens per module

Adjustable angle mounting bracketry



Adjustable angle mounting bracketry for 3D LED Flex 40 IP66

The 3D LED Flex 40 system is flexible in 3 dimensions, which allows it to follow curved building contours. Once they have been fixed to the building surface, adjustable angle brackets allow the modules to be rotated around the major axis, so that the light output can be aimed precisely.

The angle of the modules can be adjusted by hand easily on-site. The friction ball-joint system keeps the modules correctly positioned. There is also a lockable option, which allows each module to be locked in place using an Allen key once it is correctly positioned.

A standard height version and a custom height version are available. Custom options are also available.

The standard height bracket is made from aluminium and the custom-height bracket can be made from either aluminium or stainless steel for more demanding exterior applications.

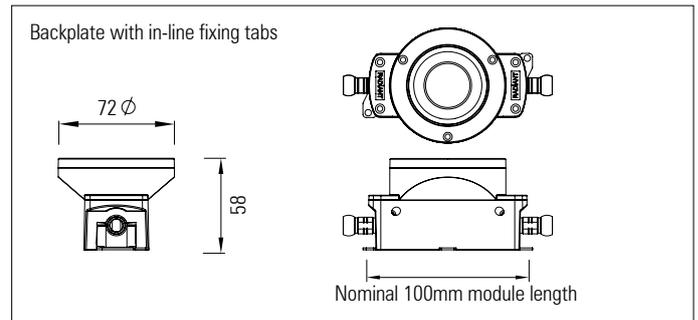
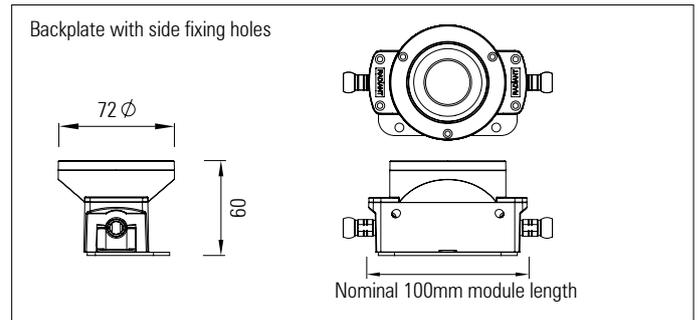
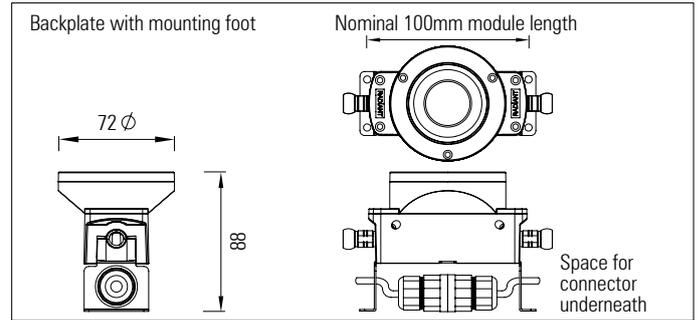
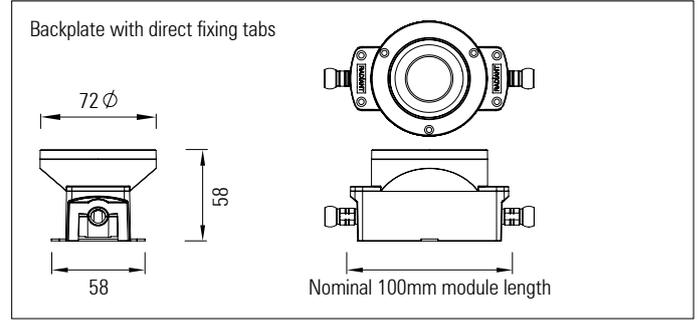
Both options have a powder coat finish which is available in satin black, satin white or any RAL paint colour finish.

Product code	IP	Finish	Height of legs (mm)
RAD 3D LED FLEX 40 IP66 ADJUSTABLE ANGLE BRACKET STANDARD AL	66	Aluminium: Black White Any RAL colour	Custom height version only: 20mm
RAD 3D LED FLEX 40 IP66 ADJUSTABLE ANGLE BRACKET CUSTOM HEIGHT SS		Stainless Steel: Black White Any RAL colour	-increments of 5mm up to- 300mm

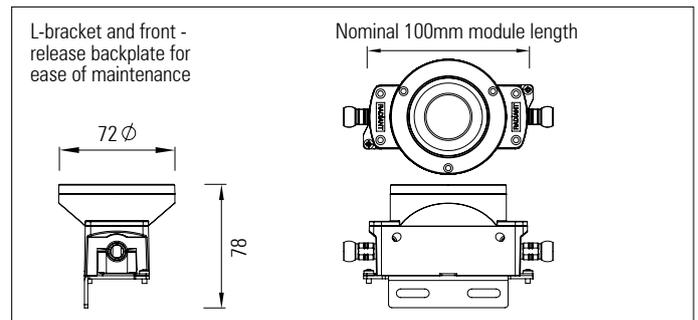
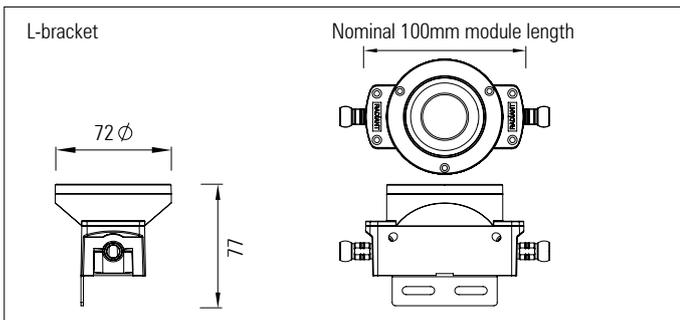
3D LED Flex 40 RGBW IP66

1 x RGBW LED array with colour-blending lens per module

Fixed angle mounting bracketry



Product code	IP	Finish
RAD 3D LED FLEX 40 IP66 FIXED ANGLE BRACKET DIRECT FIXING TABS	66	Black White Any RAL colour
RAD 3D LED FLEX 40 IP66 FIXED ANGLE BRACKET WITH MOUNTING FOOT		
RAD 3D LED FLEX 40 IP66 FIXED ANGLE BRACKET SIDE FIXING		
RAD 3D LED FLEX 40 IP66 FIXED ANGLE BRACKET IN-LINE FIXING		
RAD 3D LED FLEX 40 IP66 FIXED ANGLE L-BRACKET FRONT RELEASE		
RAD 3D LED FLEX 40 IP66 FIXED ANGLE L-BRACKET		



3D LED Flex 40 System

Ball-joint types

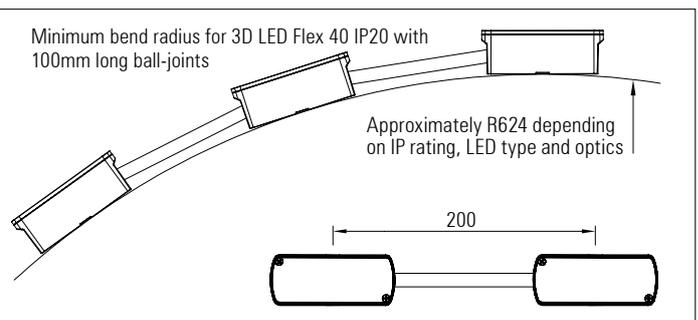
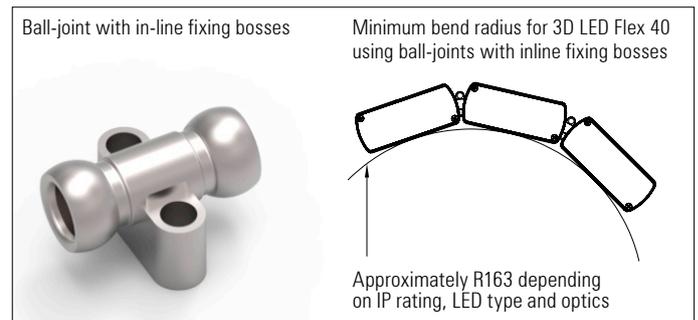
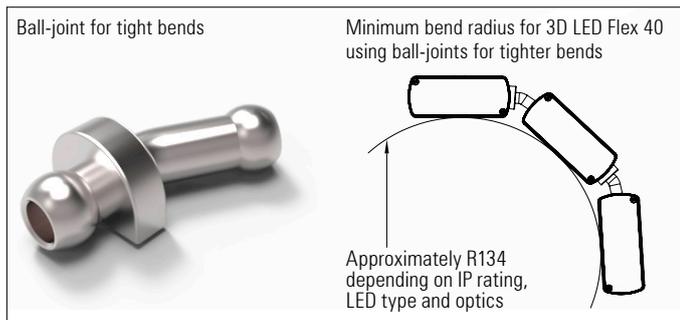
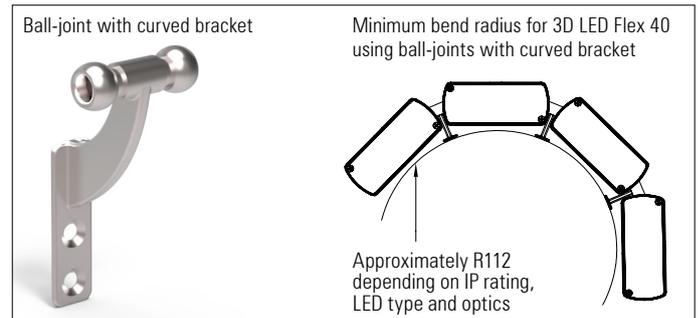
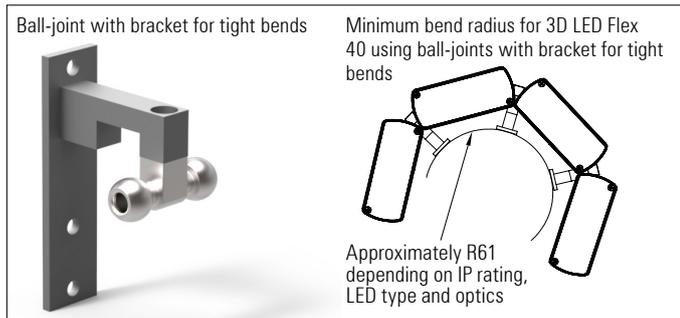
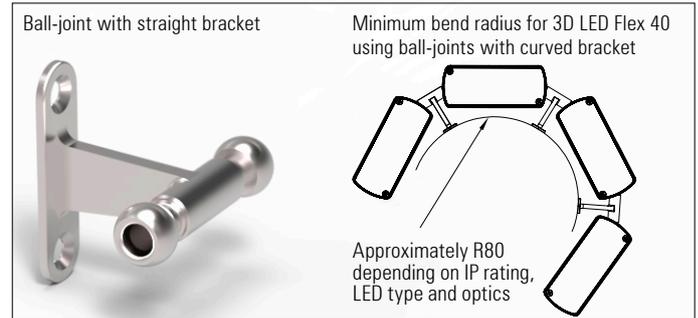
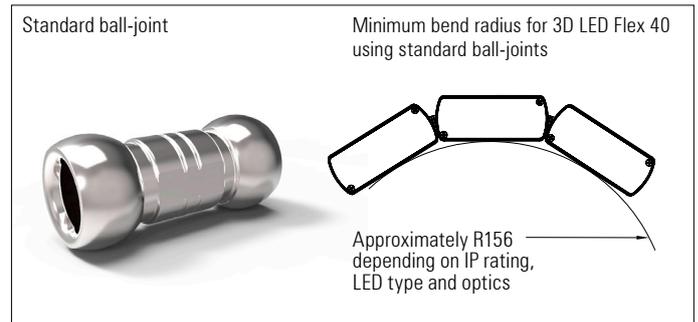
Product description:

Radiant's 3D LED Flex 40 system comprises a patented articulated ball-joint system which links the heatsink modules.

The ball-joints system allows the strips to bend and twist in 3 dimensions, so that they can follow any building contours, whilst maintaining a constant LED pitch.

There are various types of ball-joint to suit different applications, some of which can be seen on this data sheet. Please contact Radiant to discuss custom solutions.

Product Code	Material	Length (mm)
STANDARD BALL-JOINT	Nickel-plated brass	(For longer ball-joints)
BALL-JOINT STRAIGHT BRACKET		
BALL-JOINT BRACKET TIGHT BENDS	Stainless steel	100mm
BALL-JOINT CURVED BRACKET		200mm
BALL-JOINT TIGHT BENDS		300mm
BALL-JOINT IN LINE FIXING		Custom lengths
BALL-JOINT LONG		



Compatibility Matrix Datasheet



LLC49N



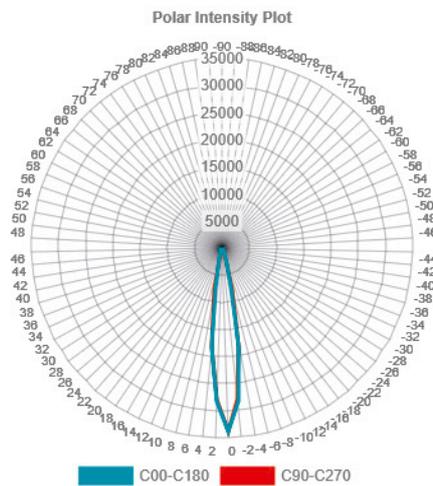
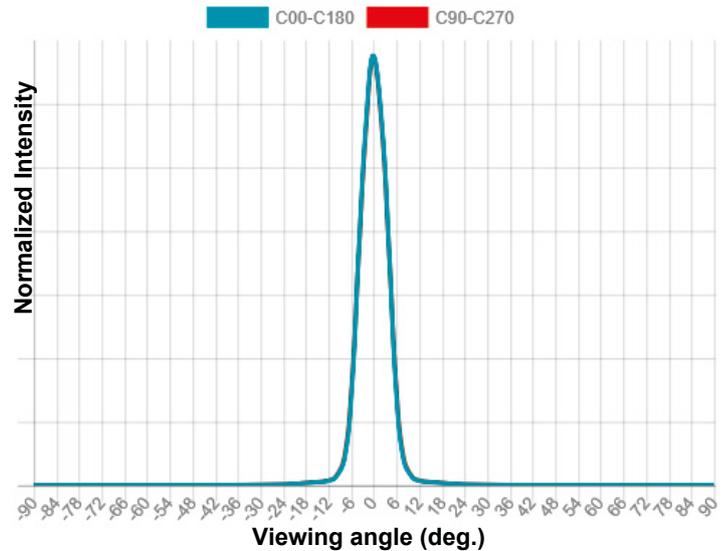
Narrow beam color mixing PMMA collimator

LLC49N with LUMILEDS LUXEON Z CLUSTER RGBW

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
8.6		14.4		33.8	



A length	B height	C foot
	25.2(mm)	45.0(mm)



Accessories

LLH09SPB00

- [PDF LTD file](#)
- [PDF IES file](#)
- [PDF 2D Schematics](#)
- [PDF 3D Schematics](#)

Compatibility Matrix Datasheet



LLC49M



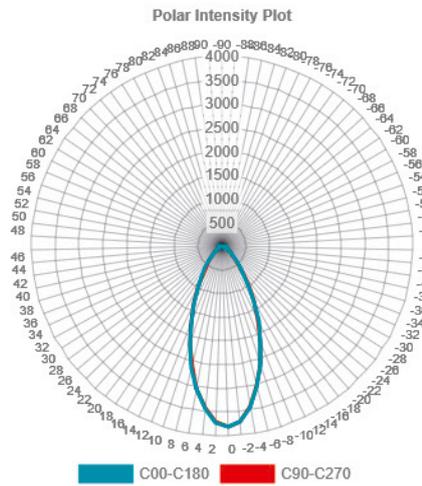
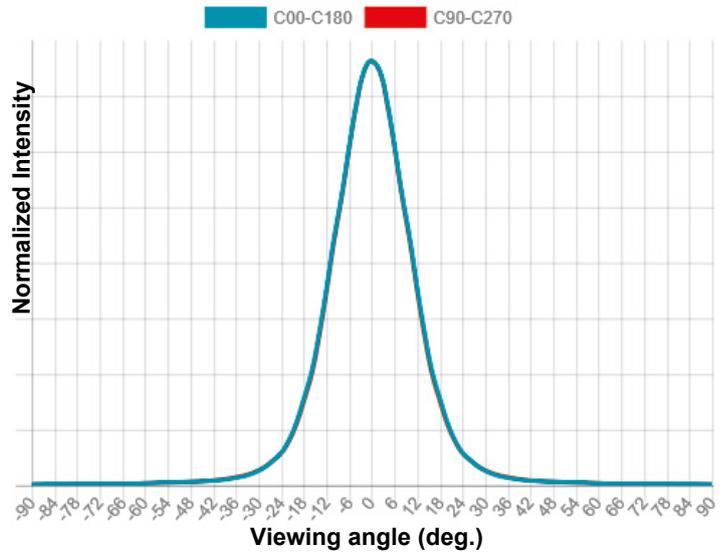
Medium beam color mixing PMMA collimator

LLC49M with LUMILEDS LUXEON Z CLUSTER RGBW

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
22.5		44.3		3.8	



A length	B height	C foot
	25.2(mm)	45.0(mm)



Accessories

LLH09SPB00

- [PDF LTD file](#)
- [PDF IES file](#)
- [PDF 2D Schematics](#)
- [PDF 3D Schematics](#)

Compatibility Matrix Datasheet



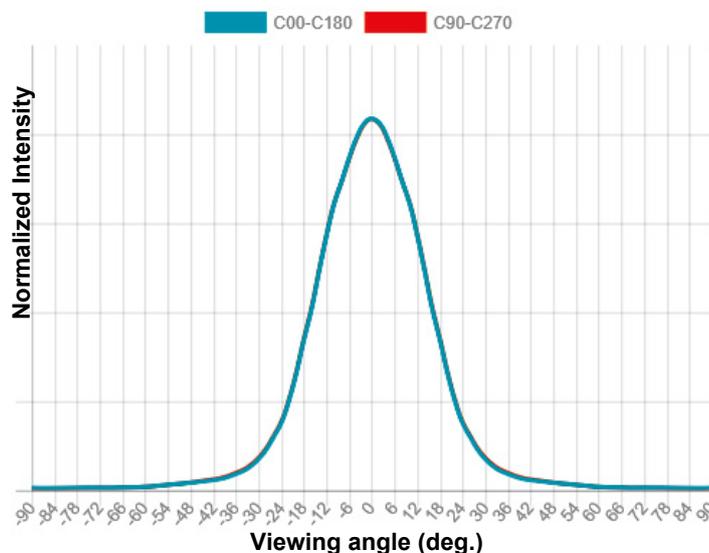
LLC49W



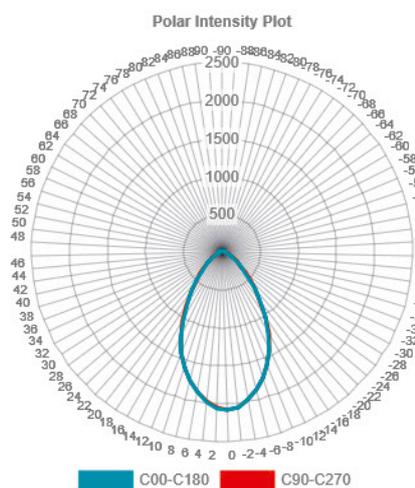
Wide beam PMMA color mixing collimator

LLC49W with LUMILEDS LUXEON Z CLUSTER RGBW

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
31.7		56.7		2.1	



A length	B height	C foot
	25.2(mm)	45.0(mm)



Accessories

LLH09SPB00

- [PDF LTD file](#)
- [PDF IES file](#)
- [PDF 2D Schematics](#)
- [PDF 3D Schematics](#)

Compatibility Matrix Datasheet



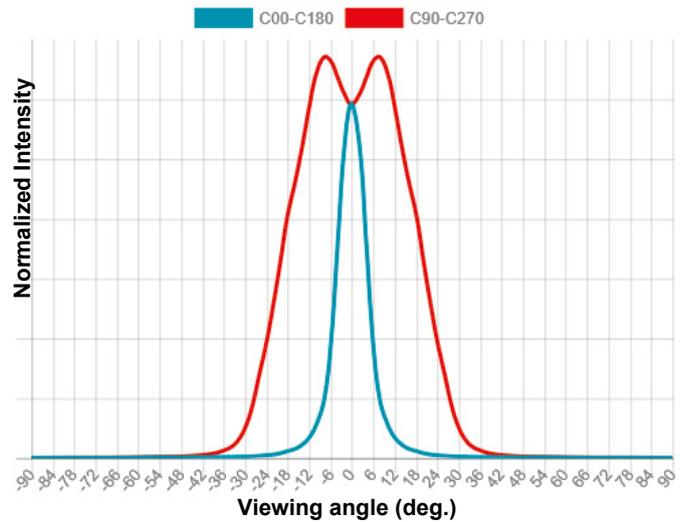
LLC49E



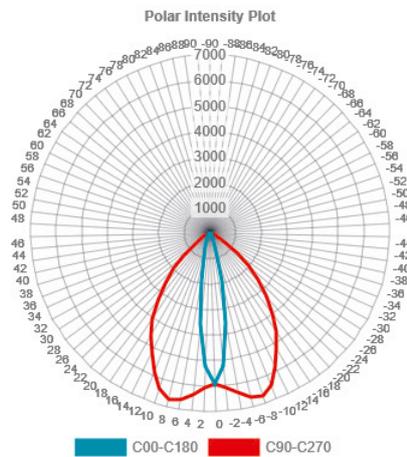
Elliptical beam color mixing PMMA collimator

LLC49E with LUMILEDS LUXEON Z CLUSTER RGBW

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
9.4	39.7	19.4	57.8	6.3	



A length	B height	C foot
	25.2(mm)	45.0(mm)



Accessories

LLH09SPB00



LTD file



IES file



2D Schematics



3D Schematics