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# LineStyleColorModifier\_Curvature\_3D(LineStyleColorModifier)

base classes — [bpy\\_struct](#), [LineStyleModifier](#), [LineStyleColorModifier](#)

**class** bpy.types.LineStyleColorModifier\_Curvature\_3D(LineStyleColorModifier)

Change line color based on the radial curvature of 3D mesh surfaces

## blend

Specify how the modifier value is blended into the base value

### TYPE:

enum in [Ramp Blend Items](#), default 'MIX'

## color\_ramp

Color ramp used to change line color

### TYPE:

[ColorRamp](#), (readonly)

## curvature\_max

Maximum Curvature

### TYPE:

float in [-inf, inf], default 0.0

## curvature\_min

Minimum Curvature

### TYPE:

float in [-inf, inf], default 0.0

## expanded

True if the modifier tab is expanded

### TYPE:

boolean, default False

## influence

Influence factor by which the modifier changes the property

### TYPE:

float in [0, 1], default 0.0

## type

Type of the modifier

### TYPE:

enum in [LineStyle Color Modifier Type Items](#), default 'ALONG\_STROKE', (readonly)

## use

Enable or disable this modifier during stroke rendering

### TYPE:

boolean, default False

**classmethod** `bl_rna_get_subclass(id, default=None)`

**PARAMETERS:**

**id** (*str*) – The RNA type identifier.

**RETURNS:**

The RNA type or default when not found.

**RETURN TYPE:**

`bpy.types.Struct` subclass

**classmethod** `bl_rna_get_subclass_py(id, default=None)`

**PARAMETERS:**

**id** (*str*) – The RNA type identifier.

**RETURNS:**

The class or default when not found.

**RETURN TYPE:**

`type`

## Inherited Properties

- `bpy_struct.id_data`
- `LineStyleColorModifier.name`

## Inherited Functions

- `bpy_struct.as_pointer`
- `bpy_struct.driver_add`
- `bpy_struct.driver_remove`
- `bpy_struct.get`
- `bpy_struct.id_properties_clear`
- `bpy_struct.id_properties_ensure`
- `bpy_struct.id_properties_ui`
- `bpy_struct.is_property_hidden`
- `bpy_struct.is_property_overridable_library`
- `bpy_struct.is_property_readonly`
- `bpy_struct.is_property_set`
- `bpy_struct.items`
- `bpy_struct.keyframe_delete`
- `bpy_struct.keyframe_insert`
- `bpy_struct.keys`
- `bpy_struct.path_from_id`
- `bpy_struct.path_resolve`
- `bpy_struct.pop`
- `bpy_struct.property_overridable_library_set`
- `bpy_struct.property_unset`
- `bpy_struct.type_recast`
- `bpy_struct.values`
- `LineStyleModifier.bl_rna_get_subclass`
- `LineStyleModifier.bl_rna_get_subclass_py`
- `LineStyleColorModifier.bl_rna_get_subclass`
- `LineStyleColorModifier.bl_rna_get_subclass_py`