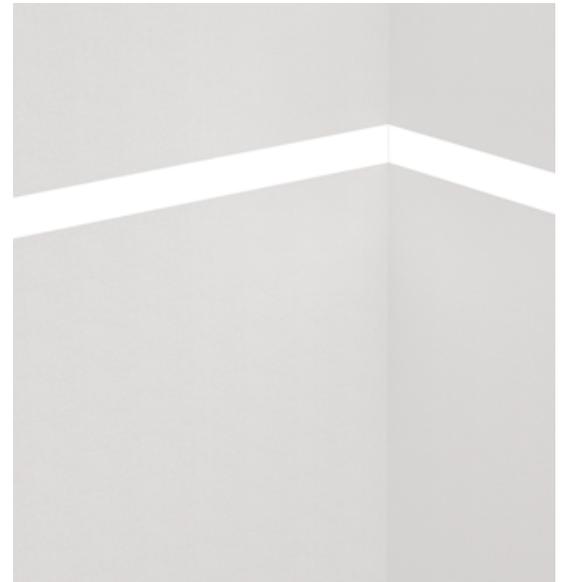


Transforming light into an element of design

TRUGROOVE OUTSIDE CORNER DEFINITION LED



DIRECT DEFINITION, FLUSH SILK LENS
2200 lm/4ft, Flush Silk
3000K

Project:

Spec Type:

Catalog No: 39K0LCGL

Qty

Line Notes:

Ordering guide

Product Type	Source	Color Temp *	Lumens *	Optics	Housing	Ceiling / Trim	Run Length	Wiring †	Voltage	Driver
<input type="text" value="39K0"/>	<input type="text" value="L"/>	<input type="text" value="C"/>	<input type="text" value="G"/>	<input type="text" value="L"/>	<input type="text" value="S"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
TruGroove Definition LED	L LED	A 4000K B 3500K C 3000K	E 3000 lm/4ft G 2200 lm/4ft K 1500 lm/4ft	L Flush Silk Lens M Regressed Silk Lens	S Standard C Chicago Plenum	1 T-Grid 3 Drywall Trimless 4 Drywall Trim 5 Armstrong Formations	02 2' 22 2x2' 04 4' 06 6' 08 8' 06 6' 08 8' 10 10' (6' + 4' unit)	7 1 cct Dimming M 1 cct Dimming + EM Wiring N 1 cct Dimming + EM Batt. Pack 1 1 cct 3 1 cct + EM/NL Wiring 5 1 cct + EM Batt. Pack B 2 cct A/B	1 120V 2 277V 3 347V	E Philips Advance 0-10V <i>Other drivers available - consult your Philips representative</i>

* Nominal values within a range. Consult photometry data for exact color temp, lumens & distribution.

† Not all wiring types are available with all configurations. Consult Philips Ledalite for a complete list of available options.

Mounting Hardware

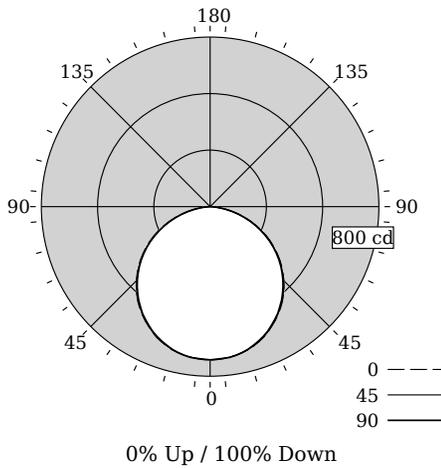
Mount Type
Consult separate mounting spec sheet for mount type options



TRUGROOVE OUTSIDE CORNER DEFINITION LED

DIRECT DEFINITION, FLUSH SILK LENS

Photometry



Total Output	2100 lm
Efficacy	75.0 lm/W
CCT	3084K
CRI	82
Distribution	0% Up / 100% Down
Spacing Criteria (0/90/180°)	1.27/1.26/NA
Meets RP-1-12 recommendations for VDT-Normal spaces	

Values per straight 4ft unit

Fixture photometry has been conducted in accordance with IESNA LM-79-08

IES files for this and other photometric options can be downloaded online at www.lightingproducts.philips.com

Candela Distribution

Vertical Angle	Horizontal Angle				Zonal Lumens
	0	22.5	45	67.5	
0	723	723	723	723	0
5	720	716	719	721	68
15	699	692	698	698	196
25	651	646	650	647	299
35	583	579	580	579	362
45	495	492	493	489	379
55	390	389	387	383	345
65	271	270	267	264	265
75	144	143	141	140	150
85	29	29	28	29	36
90	0	0	0	0	0
95	0	0	0	0	0
105	0	0	0	0	0
115	0	0	0	0	0
125	0	0	0	0	0
135	0	0	0	0	0
145	0	0	0	0	0
155	0	0	0	0	0
165	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

Coefficients of Utilization (%)

RCR	Ceiling											
	Wall	70	50	30	10	70	50	30	50	30	10	0
0	119	119	119	119	116	116	116	111	111	111	100	0
1	109	104	100	96	106	102	98	97	94	91	84	0
2	99	90	83	78	96	88	82	85	80	75	69	0
3	90	79	71	64	87	78	70	75	68	63	58	0
4	82	70	61	54	80	69	60	66	59	53	50	0
5	76	63	53	47	73	61	53	59	52	46	43	0
6	70	56	47	41	68	55	47	53	46	40	37	0
7	65	51	42	36	63	50	42	49	41	35	33	0
8	60	46	38	32	59	46	38	44	37	32	29	0
9	56	43	34	29	55	42	34	41	34	28	26	0
10	53	39	31	26	51	39	31	38	31	26	24	0

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	7473	7419	7339
65	7052	6943	6870
75	6114	5995	5936
85	3702	3525	3525

Electrical Specifications

Input Voltage	120V	277V
Input Power	28.0W	28.0W
Input Current	0.24A	0.12A
Power Factor	0.983	0.878
Total Harm. Distortion	16.5%	19.3%
Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.		

TRUGROOVE OUTSIDE CORNER DEFINITION LED

Modules & Runs

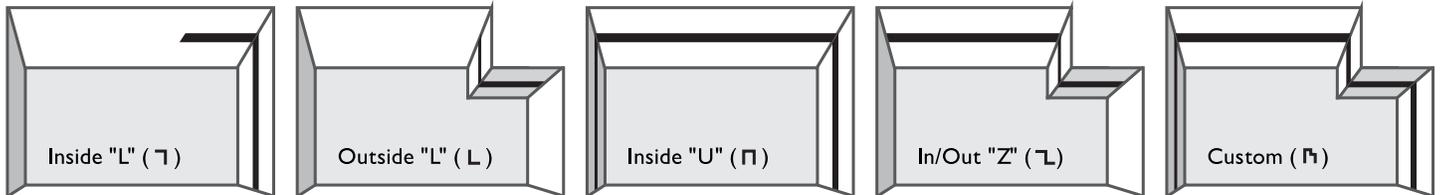
TruGroove LED Corners nominal sizes

- 2ft x 2ft 90° flat lit corner unit
- 2ft x 2ft 90° outside lit corner unit
- Inside 90° joiner bracket

Outside corners can be installed either wall-to-wall or wall-to-ceiling.

Refer to module size details below for actual dimensions. Outside corner units are only available in drywall trimless mount. Inside corners are built from two straight runs and a corner joiner kit. Please provide pattern drawings or sketches with dimensions. To specify continuous straight runs, refer to TruGroove Continuous data sheets.

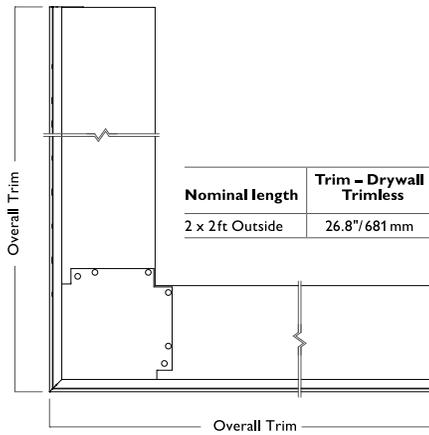
3D Patterns – with Inside or Outside Corners



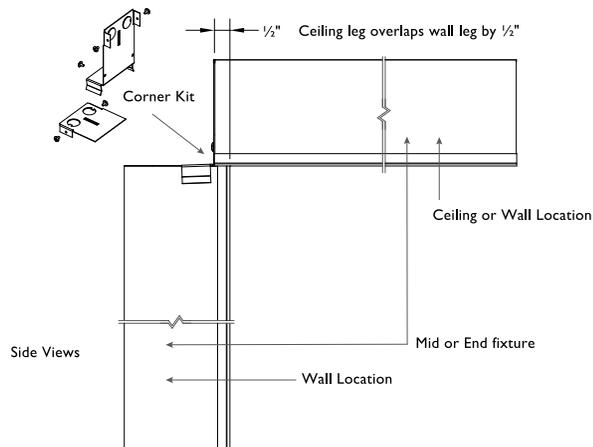
Module Dimensions

Corners

Outside 90° Lit Corner Unit

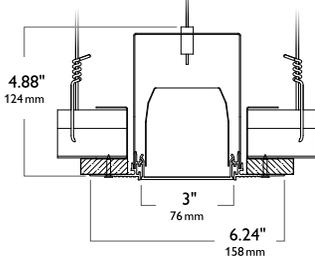


Inside 90° Corner Kit



Options and Details

Drywall



Trimless

Trim Views

Flush lens



Drywall Trimless



Drywall Trim



T-grid

Housing

Die-formed 20 gauge cold-rolled steel. Multiple upper wire entrances available for continuous row mounting of fixtures.

Weight

Maximum 3.5lb/ft.

Optical System

Performance version: White light emitted from the LED sources is internally reflected and laterally redirected by a biconvex lens. Light is then reflected by Miro Silver panels and exits through the optical lens assembly. This assembly contains acrylic extrusion profiles to retain a layer of MesoOptics film, creating both an uninterrupted continuum of light and an optical batwing distribution.

Definition version: Light passes through a diffuse white acrylic lens to deliver a highly uniform luminous continuum.

Standard Driver

Dimming: 0-10V, 5-100%. Output is Class 2 rated.

Lumen Maintenance

At an ambient temperature of 25°C in non-insulated contact applications, the LED lumen maintenance expectation for each lumen package is:

K: L₈₀ (12k) 71,000 hrs

G: L₈₀ (12k) 68,000 hrs

E: L₈₀ (12k) 54,000 hrs

Mounting

Mounting brackets on housing sides support T-Grid installation. 1/16" diameter aircraft cable with self-locking, tamper-resistant, miniature cable gripper provides vertical adjustment for drywall. Aircraft cable, crimp and gripper independently tested to meet stringent safety requirements.

Joints

Self-aligning joining system with hands-free pre-joining wire access.

Electrical

Factory pre-wired to section ends with quick-wire connectors.

Approvals

Certified to UL, CSA and IES standards. Insulation Contact (IC) rated.

Finish

Extruded aluminum trim and die-cast endplates coated with electrostatically applied and thermally cured polyester powder coat paint finish.

Environment

Rated for dry or damp locations in operating ambient temperatures 0-40°C (32-104°F). Certain luminaire components may be adversely affected by contaminants. Damage caused by sulfur, chlorine, petroleum based solutions or other contaminants are not covered under warranty.

Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.



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www.philips.com/luminaires

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