



# **TownTune Conical Comfort Bowl - Extending the home feel onto the street**

## **TownTune CCB**

Designed to enhance existing and scalable urban spaces, the TownTune family offers all the latest lighting innovations in terms of performance, quality of light and connectivity. The family consists of four solutions: a Central Post Top (CPT), an Asymmetric Spigot Post Top / Side Entry version (ASY), a version with an extending Lyre post top bracket (Lyre), and a Central Post Top with a Conical Comfort Bowl (CCB). Each TownTune luminaire can be customized with a choice of different shapes on top of the housing, plus there's the option to add a decorative ring, which comes in two colors (excluding CCB). Design options that enable you to create your very own lighting signature and bring a distinctive identity to districts and cities. In addition, every luminaire in the TownTune family is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programming operations faster and easier and enables you to create your digital library of lighting assets and spare parts. TownTune also uses the LEDGINE-O lighting platform, ensuring you always have the right amount and direction of light on your street. Furthermore, thanks to being system ready (SR), TownTune is also future proof. A solution that's ready to be paired with both standalone and advanced control and lighting software applications such as Interact City.

# TownTune CCB

## Benefits

- LEDGINE-O platform for great performance, choice color temperatures and light distributions
- Optimized Total Cost of Ownership (L-Tune for flux tuning, standalone controls e.g., LumiStep, Dynadimmer, CLO (Constant Light output), LineSwitch)
- Ready to pair with advanced systems and software applications e.g., Interact City
- Long lifetime: 100,000 hours @L85 and higher
- Easy access to gear, vandal resistant (IK10), high ingress protection (IP66)

## Features

- Simple design for easy integration into urban spaces, wide range of accessories for customization
- Suitable for new and retrofit installations
- Range of lumen packages (1200 to 12000 lm) and CCTs (2200K, 2700K, 3000K, 4000K)
- Dedicated bowl for visual comfort and comfortable lighting experiences
- Service tag for easy installation and maintenance.

## Application

- Urban and residential areas
- Cycle paths, footpaths, and pedestrian crossings
- City centers and squares
- Car parks

## Versions

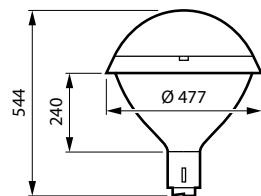
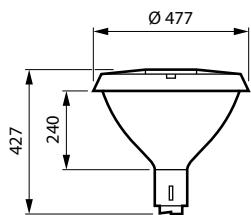
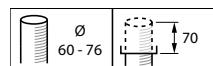
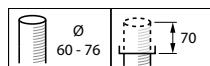


TownTune CCB, BDP277 with dome

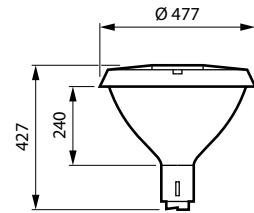
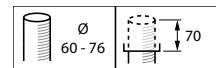
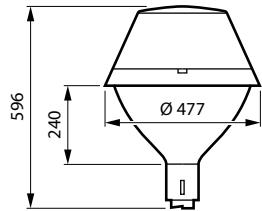
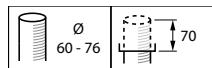


TownTune CCB, BDP278 with dome

## Dimensional drawing



## Dimensional drawing



General Information	
Driver included	Yes
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Color rendering index (CRI)	70
Controls and Dimming	
Maximum dim level	10%
Mechanical and Housing	
Housing Color	Anthracite
Ingress protection code	IP66
Standard tilt angle side entry	-
Standard tilt angle posttop	0°
Approval and Application	
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces

Order Code	Full Product Name	Lamp family code
912300060078	BDP276 LED20-4S-740 DX52 CLO-DDF1 62P	LED20
912300060079	BDP276 LED35-4S-730 II DS50 D9 76P	LED35
912300060080	BDP276 LED39-4S/740 II DW10 DDF1 SDM10 6	LED39
912300060132	BDP276 LED24-4S/730 DX52 DGR D9 62P	LED24
912300060081	BDP277 LED35-4S-730 II DW50 DGR D9 62P	LED35
912300060076	BDP275 LED14-4S-730 DX52 CLO SRT 62P	LED14
912300060077	BDP275 LED39-4S-727 II DM50 CLOD9 MSP62P	LED39
912300060131	BDP275 LED22-4S/730 DW50 DGR D9 62P	LED22
912300060252	BDP275 LED14-4S/730 PSD DM12 PCC DGR D9	LED14
912300060253	BDP275 LED14-4S/730 PSD DX52 PCC DGR D9	LED14
912300060254	BDP275 LED18-4S/730 PSD DX52 PCC DGR D9	LED18
912300060276	BDP275 LED14-4S/730 DM11 PCC DGR D9 62P	LED14
912300060082	BDP278 LED35-4S-740- DM10 DGR D9 62P	LED35

## Light Technical (1/2)

Order Code	Full Product Name	Correlated				
		Luminaire light beam spread	Light source color	Color		
				Temperature (Nom)	Luminous Flux	
912300060078	BDP276 LED20-4S-740 DX52 CLO-DDF1 62P	-	740	4000 K	1,560 lm	
	LED20-4S-740			neutral		
	DX52 CLO-DDF1			white		
	62P					
912300060079	BDP276 LED35-4S-730 II DS50 D9 76P	152° x 155°	730	3000 K	2,730 lm	
	LED35-4S-730 II			warm		
	DS50 D9 76P			white		

Order Code	Full Product Name	Correlated				
		Luminaire light beam spread	Light source color	Color		
				Temperature (Nom)	Luminous Flux	
912300060080	BDP276 LED39-4S/740 II DW10 DDF1 SDM10 6	7° - 52° x	740	4000 K	3,120 lm	
	LED39-4S/740 II			150°		
	DW10 DDF1 SDM10					
	6					
912300060132	BDP276 LED24-4S/730 DX52 DGR D9 62P	-	730	3000 K	1,920 lm	
	LED24-4S/730			warm		
	DX52 DGR D9 62P			white		

Order Code	Full Product Name	Correlated				
		Luminaire	Light	Color	Temperature	Luminous
		light beam	source	(Nom)	Flux	
912300060081	BDP277	12° - 29° x	730	3000 K	2,730 lm	
	LED35-4S-730 II	152°	warm			
	DW50 DGR D9 62P		white			
912300060076	BDP275	-	730	3000 K	1,120 lm	
	LED14-4S-730		warm			
	DX52 CLO SRT 62P		white			
912300060077	BDP275	30° - 5° x	727	2700 K	2,926 lm	
	LED39-4S-727 II	153°	warm			
	DM50 CLOD9		white			
	MSP62P					
912300060131	BDP275	12° - 29° x	730	3000 K	1,760 lm	
	LED22-4S/730	152°	warm			
	DW50 DGR D9 62P		white			
912300060252	BDP275	88° x 157°	730	3000 K	1,162 lm	
	LED14-4S/730 PSD		warm			
	DM12 PCC DGR D9		white			

Order Code	Full Product Name	Correlated				
		Luminaire	Light	Color	Temperature	Luminous
		light beam	source	(Nom)	Flux	
912300060253	BDP275	-	730	3000 K	1,162 lm	
	LED14-4S/730 PSD		warm			
	DX52 PCC DGR D9		white			
912300060254	BDP275	-	730	3000 K	1,494 lm	
	LED18-4S/730 PSD		warm			
	DX52 PCC DGR D9		white			
912300060276	BDP275	76° x 74°	730	3000 K	1,148 lm	
	LED14-4S/730		warm			
	DM11 PCC DGR D9		white			
	62P					
912300060082	BDP278	77° - 11° x	740	4000 K	2,835 lm	
	LED35-4S-740-	156°	neutral			
	DM10 DGR D9 62P		white			

## Light Technical (2/2)

Order Code	Full Product Name	Upward light output	
		Optic type outdoor	ratio
912300060078	BDP276 LED20-4S-740 DX52 CLO-DDF1 62P	Distribution Extra	0.035
		Wide DX52	
912300060079	BDP276 LED35-4S-730 II DS50 D9 76P	Distribution	0.0337
		symmetrical 50	
912300060080	BDP276 LED39-4S/740 II DW10 DDF1 SDM10 6	Distribution wide 10	0.0374
912300060132	BDP276 LED24-4S/730 DX52 DGR D9 62P	Distribution Extra	0.035
		Wide DX52	
912300060081	BDP277 LED35-4S-730 II DW50 DGR D9 62P	Distribution wide 50	0.0313
912300060076	BDP275 LED14-4S-730 DX52 CLO SRT 62P	Distribution Extra	0.035
		Wide DX52	
912300060077	BDP275 LED39-4S-727 II DM50 CLOD9 MSP62P	Distribution medium	0.0312
		50	

Order Code	Full Product Name	Upward light output	
		Optic type outdoor	ratio
912300060131	BDP275 LED22-4S/730 DW50 DGR D9 62P	Distribution wide 50	0.0313
912300060252	BDP275 LED14-4S/730 PSD DM12 PCC DGR D9	Distribution medium	0.0358
912300060253	BDP275 LED14-4S/730 PSD DX52 PCC DGR D9	Distribution Extra	0.035
912300060254	BDP275 LED18-4S/730 PSD DX52 PCC DGR D9	Distribution Extra	0.035
912300060276	BDP275 LED14-4S/730 DM11 PCC DGR D9 62P	Distribution medium	0.0369
912300060082	BDP278 LED35-4S-740- DM10 DGR D9 62P	Distribution medium	0.0374
		10	

## Operating and Electrical

Order Code	Full Product Name	Power		Surge Protection (Common/Differential)
		Consumption		
912300060078	BDP276 LED20-4S-740 DX52 CLO-DDF1 62P	12.6 W		Surge protection level until 6 kV differential mode and 6 kV common mode
912300060079	BDP276 LED35-4S-730 II DS50 D9 76P	24 W		Surge protection level until 6 kV differential mode and 6 kV common mode

Order Code	Full Product Name	Power		Surge Protection (Common/Differential)
		Consumption		
912300060080	BDP276 LED39-4S/740 II DW10 DDF1 SDM10 6	24 W		Surge protection level until 6 kV differential mode and 10 kV common mode
912300060132	BDP276 LED24-4S/730 DX52 DGR D9 62P	16.2 W		Surge protection level until 6 kV differential mode and 6 kV common mode

Order Code	Full Product Name	Power		Surge Protection
		Consumption	(Common/Differential)	(Common/Differential)
912300060081	BDP277 LED35-4S-730 II DW50 DGR D9 62P	24 W	Surge protection level until 6 kV differential mode and 6 kV common mode	
912300060076	BDP275 LED14-4S-730 DX52 CLO SRT 62P	9.7 W	Surge protection level until 6 kV differential mode and 6 kV common mode	
912300060077	BDP275 LED39-4S-727 II DM50 CLOD9 MSP62P	27.5 W	Surge protection level until 6 kV differential mode and 6 kV common mode	
912300060131	BDP275 LED22-4S/730 DW50 DGR D9 62P	14.8 W	Surge protection level until 6 kV differential mode and 6 kV common mode	
912300060252	BDP275 LED14-4S/730 PSD DM12 PCC DGR D9	9.8 W	Surge protection level until 6 kV differential mode and 6 kV common mode	

Order Code	Full Product Name	Power		Surge Protection
		Consumption	(Common/Differential)	(Common/Differential)
912300060253	BDP275 LED14-4S/730 PSD DX52 PCC DGR D9	9.8 W	Surge protection level until 6 kV differential mode and 6 kV common mode	
912300060254	BDP275 LED18-4S/730 PSD DX52 PCC DGR D9	12.4 W	Surge protection level until 6 kV differential mode and 6 kV common mode	
912300060276	BDP275 LED14-4S/730 DM11 PCC DGR D9 62P	9.8 W	Surge protection level until 6 kV differential mode and 6 kV common mode	
912300060082	BDP278 LED35-4S-740- DM10 DGR D9 62P	22.5 W	Surge protection level until 6 kV differential mode and 6 kV common mode	

## Controls and Dimming

Order Code	Full Product Name	Dimmable
912300060078	BDP276 LED20-4S-740 DX52 CLO-DDF1 62P	Yes
912300060079	BDP276 LED35-4S-730 II DS50 D9 76P	No
912300060080	BDP276 LED39-4S/740 II DW10 DDF1 SDM10 6	Yes
912300060132	BDP276 LED24-4S/730 DX52 DGR D9 62P	No
912300060081	BDP277 LED35-4S-730 II DW50 DGR D9 62P	No
912300060076	BDP275 LED14-4S-730 DX52 CLO SRT 62P	Yes
912300060077	BDP275 LED39-4S-727 II DM50 CLOD9 MSP62P	Yes

Order Code	Full Product Name	Dimmable
912300060131	BDP275 LED22-4S/730 DW50 DGR D9 62P	No
912300060252	BDP275 LED14-4S/730 PSD DM12 PCC DGR D9	Yes
912300060253	BDP275 LED14-4S/730 PSD DX52 PCC DGR D9	Yes
912300060254	BDP275 LED18-4S/730 PSD DX52 PCC DGR D9	Yes
912300060276	BDP275 LED14-4S/730 DM11 PCC DGR D9 62P	Yes
912300060082	BDP278 LED35-4S-740- DM10 DGR D9 62P	No

## Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection	
		Optical cover type	code
912300060078	BDP276 LED20-4S-740 DX52 CLO-DDF1 62P	Polycarbonate bowl/ cover structured	IK10
912300060079	BDP276 LED35-4S-730 II DS50 D9 76P	Polycarbonate bowl/ cover structured	IK10
912300060080	BDP276 LED39-4S/740 II DW10 DDF1 SDM10 6	Polycarbonate bowl/ cover structured	IK10
912300060132	BDP276 LED24-4S/730 DX52 DGR D9 62P	Polycarbonate bowl/ cover structured	IK10
912300060081	BDP277 LED35-4S-730 II DW50 DGR D9 62P	Polycarbonate bowl/ cover structured	IK10
912300060076	BDP275 LED14-4S-730 DX52 CLO SRT 62P	Polycarbonate bowl/ cover structured	IK09
912300060077	BDP275 LED39-4S-727 II DM50 CLOD9 MSP62P	Polycarbonate bowl/ cover structured	IK10

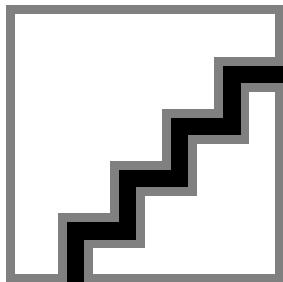
Order Code	Full Product Name	Mech. impact protection	
		Optical cover type	code
912300060131	BDP275 LED22-4S/730 DW50 DGR D9 62P	Polycarbonate bowl/ cover structured	IK10
912300060252	BDP275 LED14-4S/730 PSD DM12 PCC DGR D9	Polycarbonate bowl/ cover structured	IK10
912300060253	BDP275 LED14-4S/730 PSD DX52 PCC DGR D9	Polycarbonate bowl/ cover structured	IK10
912300060254	BDP275 LED18-4S/730 PSD DX52 PCC DGR D9	Polycarbonate bowl/ cover structured	IK10
912300060276	BDP275 LED14-4S/730 DM11 PCC DGR D9 62P	Polycarbonate bowl/ cover clear	IK10
912300060082	BDP278 LED35-4S-740- DM10 DGR D9 62P	Polycarbonate bowl/ cover structured	IK10

## Product Data

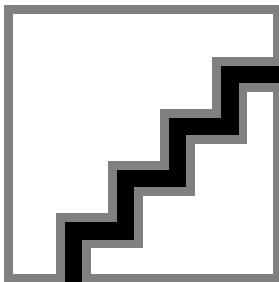
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912300060079	BDP276 LED35-4S-730 II DS50 D9 76P	BDP276
912300060080	BDP276 LED39-4S/740 II DW10 DDF1 SMD10 6	BDP276
912300060132	BDP276 LED24-4S/730 DX52 DGR D9 62P	BDP276
912300060081	BDP277 LED35-4S-730 II DW50 DGR D9 62P	BDP277
912300060076	BDP275 LED14-4S-730 DX52 CLO SRT 62P	BDP275
912300060077	BDP275 LED39-4S-727 II DM50 CLOD9 MSP62P	BDP275

Order Code	Full Product Name	Product family code
912300060131	BDP275 LED22-4S/730 DW50 DGR D9 62P	BDP275
912300060252	BDP275 LED14-4S/730 PSD DM12 PCC DGR D9	BDP275
912300060253	BDP275 LED14-4S/730 PSD DX52 PCC DGR D9	BDP275
912300060254	BDP275 LED18-4S/730 PSD DX52 PCC DGR D9	BDP275
912300060276	BDP275 LED14-4S/730 DM11 PCC DGR D9 62P	BDP275
912300060082	BDP278 LED35-4S-740- DM10 DGR D9 62P	BDP278

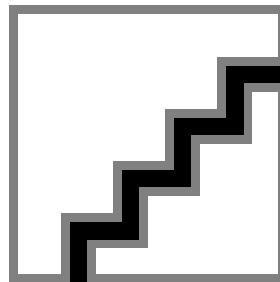
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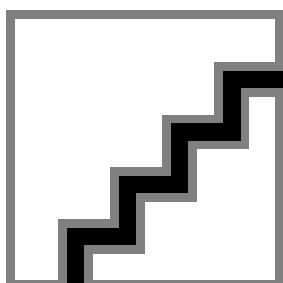
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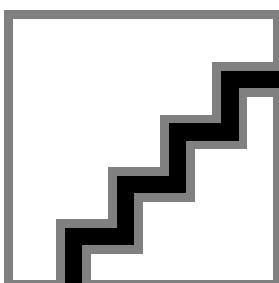
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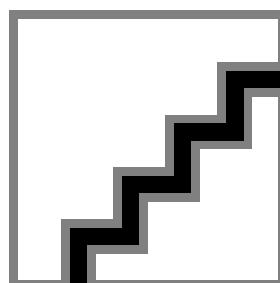
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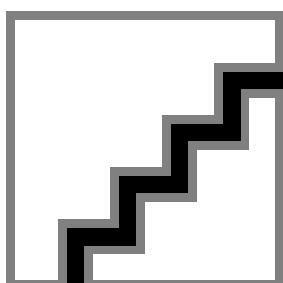
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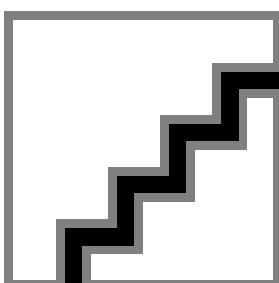
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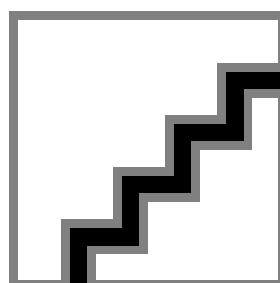
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Polar Normal (separate) - BDP275I -  
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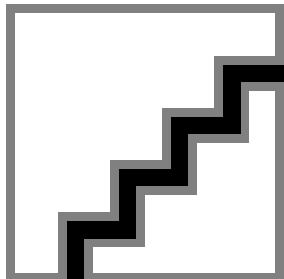


Polar Normal (separate) - BDP275I -  
912300060253



Polar Normal (separate) - BDP275I -  
912300060252

Polar Wide Diagrams



Polar Normal (separate) - BDP275I -

912300060276

