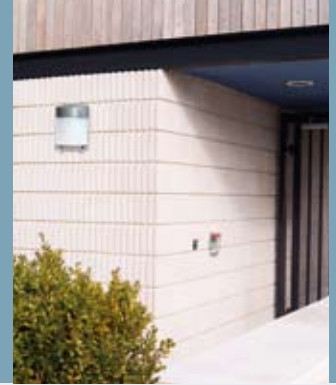


THORN

Piazza II

Robust, IP65 luminaires designed to provide security, surround or accent illumination with a touch of style





New and improved features

Few luminaires can combine such a high degree of advanced performance and modern styling as the new Piazza II.

New optics

The redesigned Piazza retains its reputation for toughness and durability, while gaining improved optics with wider lamp choices, greater flexibility in the variety of combinations available and improved aesthetics.

The precision crafted, tough polycarbonate, prismatic lens has a particularly wide distribution, spreading light downwards and sideways to a considerable distance and enabling luminaires to be spaced further apart without glare or leaving areas of shadow. Forward distribution, too, is very generous - creating a large arc distribution of light.

The cut-off optical system provides the fine control that is needed to meet the environmental demands of users seeking to reduce obtrusive light. The prismatic lens is designed to reduce glare to a minimum in small town centres or urban locations.

Piazza II is available for use with compact fluorescent and discharge lamps with a power range from 18 to 85W and includes 'white light' options to suit differing applications.

New design

Its stylish appearance belies an extremely robust, IP65 rated, construction. It is designed in such a way that it is difficult to vandalise and it also has tamper resistant lens fixing screws.



Large version



Small version

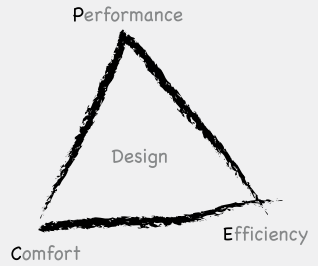


As impressive as Piazza II is, it isn't a one-size fits all solution. There are two semi-cylindrical body shapes and sizes - the large luminaire, with prismatic or opal diffuser, for illuminating commercial and industrial building surrounds, perimeters and car parks and the smaller, with opal diffuser intended for residential premises, typically over doors and either side of entrances.

Corner and pole mounting brackets ideal for car parks are available for the former, as are versions fitted with a neat and almost invisible photocell. Both sizes can be supplied with integral 3-hour emergency lighting and remote presence detectors.

New capabilities

All Piazza II units blend in well with their surroundings. Discretely inconspicuous by day, they can provide security, surround and accent illumination at night with a touch of style.



PEC

Performance: visual effectiveness

- High light output up to 89% LOR
- Up to 11m spacing on large version
- Excellent light distribution and uniformity
- Rigid construction (up to IK10)

Efficiency: minimising the use of energy

- Obstrusive light control - E3 compliant versions available
- HF ballast, presence detector/photocell
- Energy efficient light sources
- Quick and easy to install

Comfort: people satisfaction and stimulation

- Reinforces individuals feelings of safety and security
- Visual co-ordination in terms of style/appearance
- No flicker from HF ballast
- Switching response to presence/absence and daylight via external Switchlite MWA SLD IP64 detectors (available as accessories for fluorescent versions)



A range of robust, IP65 rated, wall mounted luminaires designed to provide security, surround or accent illumination

- Excellent light distribution and uniformity (up to 11m spacing)
- Ostrusive light control - E3* compliant versions available as standard
- Choice of lamps including 'white light' options to suit differing applications
- Large and small body sizes to suit application needs
- Large (prismatic or opal) diffuser combines with textured anthracite body for improved aesthetics. Corner or pole mounting possible with attachments.
- Small opal version can be installed horizontally or vertically
- Compact designed body made of tough polycarbonate provides strength and rigidity (IK10 for large body with opal diffuser)
- Available with electronic ballast and integral 3-hour maintained emergency gear, suitable for escape routes (18W TC-TEL small body and 42W TC-TEL large body SelfTest version)
- Versions with built-in photocell
- External Switchlite presence detectors available as accessories (detection range 12m, IP64, black or white, with 1m lead, configurable 15-500LUX, 10secs-30mins, rotating head)

* Environmental zones are given by the CIE. Four zones are stated, ranging from intrinsically dark areas such as national parks (E1) to bright inner city areas (E4). The lower the number the more restricted the intensity of light and recommended lighting level.

Piazza II 70W luminaires can be used with HSE-I lamp and prismatic diffuser to meet the requirements of E3: medium district brightness areas, small town centres or urban locations.

Lamps - Small version

- ☛ 35W, HIT-CE (MT) metal halide. Cap: G12
- ☛ 18-42W, TC-TEL (FSMH) compact fluorescent. Cap: GX24q-2/3/4
- ☛ 18W, TC-DEL (FSQH) compact fluorescent. Cap: G24q-2
- ☛ 26W, TC-DEL (FSQH) compact fluorescent. Cap: G24q-3

Lamps - Large version

- ☉ 50-80W, HME (QE) mercury vapour. Cap: E27
- ☉ 50W, HSE-E (SE) sodium vapour. Cap: E27
- ☉ 70W, HSE-I (SE/I) sodium vapour. Cap: E27
- ☛ 70W, HST (ST) sodium vapour. Cap: E27
- ☛ 70W, HIT-CE (MT) metal halide. Cap: E27
- ☛ 18W, LST (LS) sodium vapour. Cap: BY22d
- ☛ 85W, TC-TELI (FSM6H) Compact fluorescent. Cap: 2G8-1

Materials/Finish

Body: polycarbonate, anthracite finish
 Diffuser: polycarbonate, small: smooth opal, large: clear prismatic/smooth opal
 Eyelid: polycarbonate, anthracite finish
 Pole/Wall mounting brackets: galvanized steel, polyester powder coated

Installation/Mounting

Wall mountable. 20mm cable entry via rear grommeted hole or top and side conduit entries. Internal or external corner installation possible with wall bracket accessory. Pole mounting brackets allow 1 to 4 large luminaires on one pole between 60mm and 76mm diameter. Recommended mounting height: Large 3-6m
 Small 1-3m

Standards

Designed and manufactured to comply with EN60598, EN55015: 2000 (EMC)
 Emergency version: EN60598 2.22
 ⚡ Class I Electrical, IK09/10Nm large prismatic diffuser version
 IK10/20Nm large opal diffuser version
 IK08/5Nm small version
 960°C/30sec 850°C/5 sec fire retardant
 ⚠️ ⚠️ IP65 integral internal photocell IP64
 ⚡ CE

Specification

To specify state: Enclosed IP65 vandal resistant wall/pole mounting luminaire for 50/80W HME high pressure mercury, 50W HSE-E, 70W HSE-I/HST high pressure sodium, 35W HIT-CE, 70W HIT/HIT-CE metal halide, 18W LST low pressure sodium, 18/26W TC-DEL, 18/26/42W TC-TEL and 85W TC-TELI compact fluorescent lamps. With polycarbonate body, small: smooth opal
 large: prismatic clear/smooth opal and magnetic/electronic/E3 emergency control gear.
 As Thorn Piazza II.



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4.



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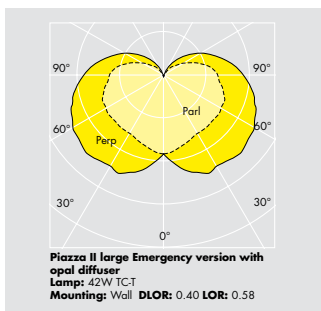


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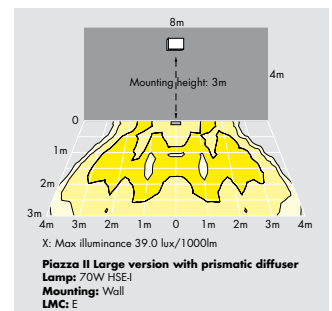
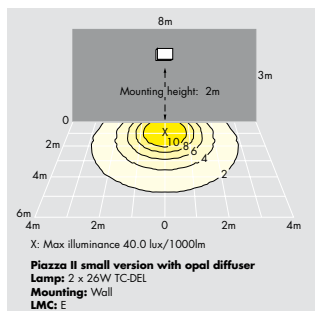
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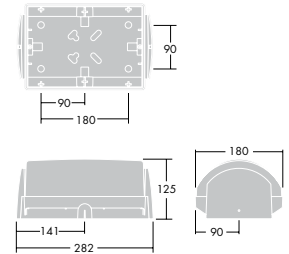
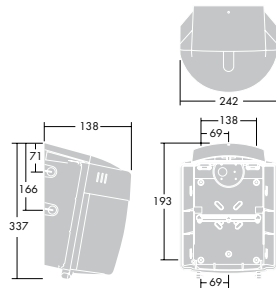
1. Large version, prismatic diffuser
2. Large version, opal diffuser
3. Small version, opal diffuser
4. Small version, opal diffuser
5. Large version, Torx screw cover
6. Large version, hinged diffuser
7. Large version, rear fixing
8. Large version, pole mounting and internal corner bracket and external corner bracket
9. External presence detector



2m Escape route				
Min illum (lux)	Mounting Height (m)	Max spacing (m) centre to end between centres		
	2.0	3.60	9.50	
0.2 Perp	2.5	3.70	10.00	
	3.0	3.70	10.30	
	2.5	2.95	8.00	
0.2 Parl	3.0	2.90	8.30	
	3.5	2.75	8.40	
	2.0	1.35	4.60	
1.0 Perp	2.5	n/a	n/a	
	3.0	n/a	n/a	
	2.0	0.70	3.40	
1.0 Parl	2.5	n/a	n/a	
	3.0	n/a	n/a	

Open area				
Min illum (lux)	Mounting Height (m)	Max spacing (m) centre to end between centres		
	2.5	1.70	1.70	6.40 5.40
	3.0	1.55	1.40	6.70 5.20
	3.5	1.25	0.80	6.60 4.70





Piazza II Ordering Guide

Supplied complete with lamp, except incandescent versions

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
Large, prismatic				
PIAZZA II L 18W 230V LST PR RAL	LS	BY22d	2.9	96233258
PIAZZA II L 1X42W TC-TEL HF PR RAL	FSM	GX24q-4	2.1	96233272
PIAZZA II L 50W 230V HME PR RAL	QE	E27	3	96233227
PIAZZA II L 50W 230V HSE PR RAL	SE	E27	3.6	96233251
PIAZZA II L 50W 240V HSE PR RAL	SE	E27	3.6	96233252
PIAZZA II L 50W 240V HME PR RAL	QE	E27	3	96233250
PIAZZA II L 70W HIT E27 PR RAL	MT	E27	2.5	96233267
PIAZZA II L 70W 240V HST PR RAL	ST	E27	3.6	96233264
PIAZZA II L 70W 240V HST P PR RAL	ST	E27	3.6	96233233
PIAZZA II L 70W 240V HSE-I PR RAL	SE/I	E27	3.5	96233234
PIAZZA II L 70W 240V HSE-I P PR RAL	SE/I	E27	3.5	96233237
PIAZZA II L 70W 240V HST DGE PR RAL	ST	E27	2.5	96233236
PIAZZA II L 70W 240V HST DGE P PR RAL	ST	E27	2.5	96233261
PIAZZA II L 70W 230V HST PR RAL	ST	E27	3.6	96233263
PIAZZA II L 70W 230V HST P PR RAL	ST	E27	3.6	96233269
PIAZZA II L 70W 230V HSE-I PR RAL	SE/I	E27	3.5	96233265
PIAZZA II L 70W 230V HSE-I P PR RAL	SE/I	E27	3.5	96233268
PIAZZA II L 70W 230V HIT-CE E27 PR RAL	MT	E27	3.6	96233266
PIAZZA II L 70W 240V HIT-CE E27 PR RAL	MT	E27	3.6	96233235
PIAZZA II L 80W 230V HME PR RAL	QE	E27	3	96233262
PIAZZA II L 1X85W TC-TEL HF PR RAL	FSM	2G8-1	2.6	96233238
Large, prismatic emergency				
PIAZZA II L 1X42W TC-TEL HF S3T PR RAL	FSM	GX24q-4	3.1	96233275
Large, opal				
PIAZZA II L 1X42W TC-TEL HF OP RAL	FSM	GX24q-4	2.1	96233273
Large, opal emergency				
PIAZZA II L 1X42W TC-TEL HF S3T OP RAL	FSM	GX24q-4	3.1	96233274

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
Small, opal				
PIAZZA II S 1X18W TC-TEL HF OP FR	FSM	GX24q-2	1.1	96233240
PIAZZA II S 1X26W TC-TEL HF OP FR	FSM	GX24q-3	1.2	96233242
PIAZZA II S 1X35W HIT-CE G12 HF OP FR	MT	G12	1.4	96233244
PIAZZA II S 2X18W TC-DEL HF OP FR	FSQ	G24q-2	1.3	96233276
PIAZZA II S 2X26W TC-DEL HF OP FR	FSQ	G24q-3	1.3	96233277
PIAZZA II S 100W E27 OP FR NL	IA	E27	1.1	96233245
Small, opal emergency				
PIAZZA II S 1X18W TC-TEL HF E3 OP FR	FSM	GX24q-2	1.8	96233241

OP - Opal, FR - Frosted, DGE - Electronic gear, PR - Prismatic, NL - No lamp, P - Integral photocell, S3T - Selftest 3-hours battery life, E3 - 3-hour emergency

Attachments for large body

Description		SAP Code
PIAZZA II L BRACKET EXT MWA	Piazza II Large: External Corner Wall Mounting Bracket	96233286
PIAZZA II L BRACKET INT MWA MA76	Piazza II Large: Internal Corner Wall/Pole Mounting Bracket	96233246
PIAZZA II L MA76 2XTORQUE CLIP	Piazza II Large: Pole Mounting Bracket 2xTorque Clip	96233730
PIAZZA II L BRACKET X4 MWA MA76	Piazza II Large: Pole Mounting Bracket (holds 1 - 4 large luminaires)	96233731

General Accessories

Description		SAP Code
SWITCHLITE MWA SLD IP64 BLK	Presence Detector and Photocell combo Black	96233649
SWITCHLITE MWA SLD IP64 WHI	Presence Detector and Photocell combo White	96233650



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