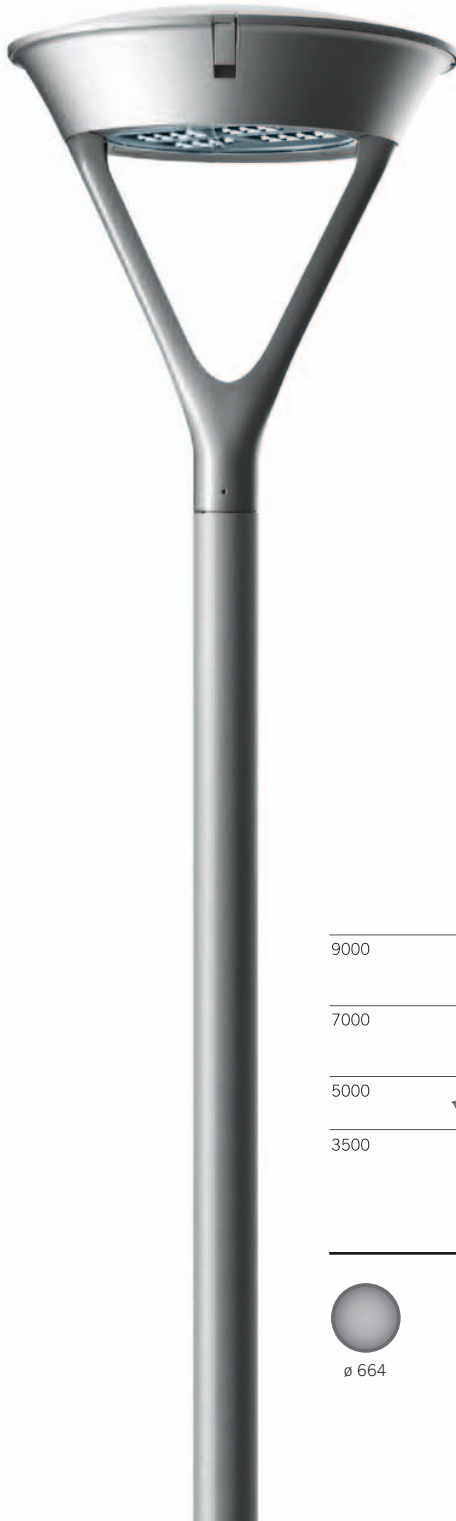


Crown

design Michele De Lucchi



Road / Asymmetric optic



Symmetric / Elliptical optic



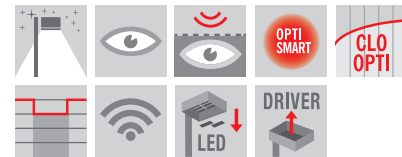
Crown

Features



- Street lighting systems for use with LEDs, discharge and sodium discharge lamps.
- Die-cast aluminium optical assembly, lid and arms; tempered sodium-calcium sealing glass, thickness 5 mm; internal reflector in 99.93% superpure aluminium can be removed without tools; lamp holder with anti-loosening device of the light source.
- No upward emission of the light flow.
- High visual comfort.
- High performance optics (Opti Smart) and uniform light distribution.
- No photobiological risk. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire has luminous flux emission fully programmable directly from the product driver.

- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
Profile 1 fixed to 375mA
Profile 2 fixed to 450mA
Profile 3 fixed to 525mA
Profile 4 variable to 350mA
 Compatibility with Telemangement systems thanks to "Power Supply", dual-operation Flux regulator and "LED Driver DALI" (0-10V/1-10V) compatible with the systems on the market.
- Pole-top installation on poles with ending part \varnothing 76 mm. An adaptor is available for installation on poles with a diameter from \varnothing 60 to \varnothing 120 mm.
- 5-position lamp adjustment (only for road optic versions with Cosmowhite).
- All external screws are in stainless steel.



on request versions:



Tool-free optical assembly opening



Automatic door lock



No tools required to remove the optic



Twilight photocell



Disconnecting switch



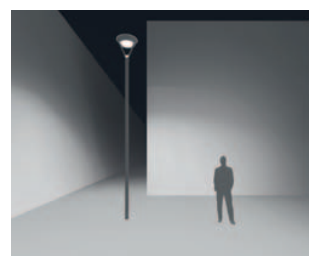
Decompression valve

Light without shades

Versions with symmetrical optic fitted with HIT G12 and Cosmowhite lamps have an optic which includes flow recovery devices: this system intercepts part of the light flow emitted by the lamp and directs it towards the shadow zones on the ground created by the arms.



Lighting without flux recovery system

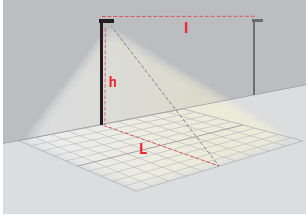


Lighting with flux recovery system

<ul style="list-style-type: none"> • LED Single Chip • Colour stability Mac Adam <4 • Life 90000 h L90 Profile 1-4 • Color temperature: Neutral white 4000K Warm white 3000K 	lumen lm	LED	HIT/HST 		HME 	
	2800	29W	83W	66%	92W	69%
	4940	50W	119W	58%	142W	65%
(4000K) LED energy saving compared with traditional lamps The system life is calculated at Ambient Temperature (Ta) 25°C						

Crown

Optics



$d = L/h$
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

LED



ST1
 29 | 50W
 $l = 4h / d = 1$
 Glare Index: **G4**

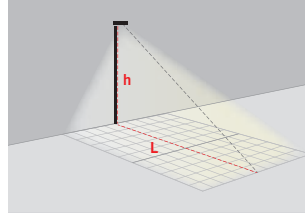
ST1.2
 58W
 $l = 4h / d = 1,2$
 Glare Index: **G4**

ST1C
 57W
 $l = 3,7h / d = 1$
 Glare Index: **G6**

HST 70 | 100W
HIT-CE 150 | 250W
 $l = 3,7h / d = 0,85$



HIT-CE 60 | 90W
 $l = 3,7h / d = 0,85$



$d = L/h$
h = Installation height
L = Width of area to be lit

A - Asymmetric optics

LED



A60
 68W
 $h = 7 / d = 2$

A45C
 68W
 $h = 7 / d = 1,6$

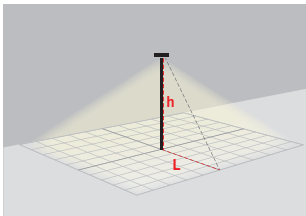
HST 250W
HIT-CE $h = 8 / d = 2$



HIT-DE 70 | 150W
HIT-DE-CE $h = 6 / d = 2$
HST-DE



HIT-CE 60 | 90W
 $h = 6 / d = 2$



$d = L/h$
h = Installation height
L = Width of area to be lit

Symmetric optic

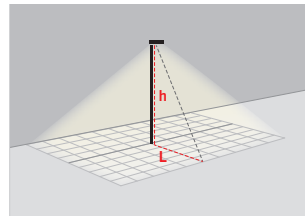
LED

57W
 $h = 7 / d = 2$

HIT-CE 60 | 90W
 $h = 6 / d = 1,2$



HIT-CE 70 | 100 | 150W
 250W
 $h = 7 / d = 1,1$



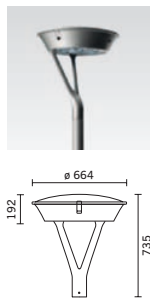
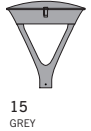
$d = L/h$
h = Installation height
L = Width of area to be lit

E - Elliptical optic

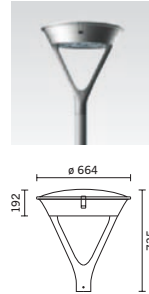
LED

31W
 $h = 6 / d = 1,5$

Crown



light source	W	lm	optic	code	colour
LED	Asymmetrical optical assembly				
Neutral white					
	29W	2800	ST1	BM27	15
	50W	4940	ST1	BM28	15
	58W	5680	ST1.2	BM29	15
	57W	5510	ST1C	BM30	15
	68W	7300	A60	BM31	15
	68W	6860	A45C	BM32	15
Available warm white versions					
HST (E27/E40)	70W		ST	BG55	15
	100W		ST	BG56	15
HIT-CE (E27/E40)	150W		ST	BG57	15
	250W		ST	BG58	15
	250W		A	BG68	15
HIT-CE (PGZ12)	Electronic				
	60W		ST	BG59	15
	90W		ST	BG60	15
	60W		A	BG69	15
	90W		A	BG70	15
HIT-DE-CE (Rx7s)	70W		A	BG65	15
	150W		A	BG66	15
HST-DE (Rx7s)					



light source	W	lm	optic	code	colour
LED	Symmetrical optical assembly				
Neutral white					
	31W	2760	E	BM34	15
	57W	5570	SM	BM33	15
Available warm white versions					
HIT-CE (G12)	70W		SM	BG71	15
	100W		SM	BG72	15
	150W		SM	BG73	15
	250W		SM	BG74	15
HIT-CE (PGZ12)	Electronic				
	60W		SM	BG78	15
	90W		SM	BG79	15
					code colour
	Glass for visual comfort $\phi=377$				6153 24 no for LED
	USB pen profiler Complete with cable and battery				BZX1 04 for LED versions

The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: "http://catalog.iguzzini.com"

cylindrical poles

	h off-ground	ϕ pole	ϕ shank	code	colour
buried	3500	102		1203	15
	5000	102		1205	15
	6000	102	76	1518	15
	7000	120	102	1519	15
	8000	120	102	1520	15
with plate	5000	102		1344	15
	6000	120	102	1521	15
	7000	120	102	1522	15
	8000	120	102	1523	15

The technical specifications of the poles are presented on page 489

conical poles

	h off-ground	ϕ pole	code	colour
buried	4000	106-60	1275	15
	7000	138-60	1281	15
	9000	158-60	1282	15
with plate	4000	100-60	1278	15
	7000	130-60	1283	15
	9000	150-60	1284	15

		code	colour
adapter for pole	from ϕ 102 to ϕ 76	6134	15
	from ϕ 60 to ϕ 76	6152	15